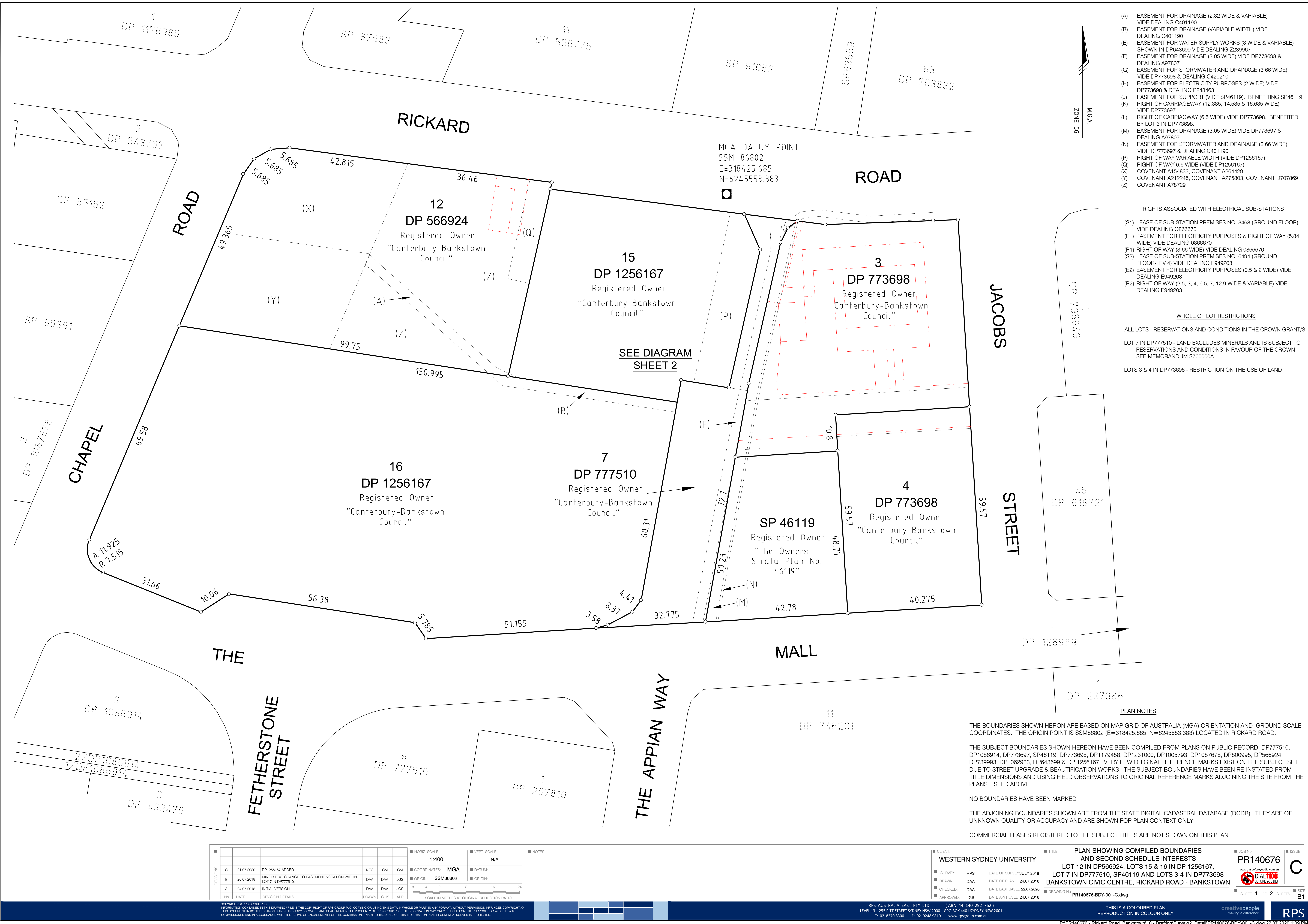




- (A) EASEMENT FOR DRAINAGE (2.82 WIDE & VARIABLE) VIDE DEALING C401190
- (B) EASEMENT FOR DRAINAGE (VARIABLE WIDTH) VIDE DEALING C401190
- (E) EASEMENT FOR WATER SUPPLY WORKS (3 WIDE & VARIABLE) SHOWN IN DP643699 VIDE DEALING Z289967
- (F) EASEMENT FOR DRAINAGE (3.05 WIDE) VIDE DP773698 & DEALING A97807
- (G) EASEMENT FOR STORMWATER AND DRAINAGE (3.66 WIDE) VIDE DP773698 & DEALING C420210
- (H) EASEMENT FOR ELECTRICITY PURPOSES (2 WIDE) VIDE DP773698 & DEALING P248463
- (J) EASEMENT FOR SUPPORT (VIDE SP46119). BENEFITING SP46119
- (K) RIGHT OF CARRIAGEWAY (12.385, 14.585 & 16.685 WIDE) VIDE DP773697
- (L) RIGHT OF CARRIAGEWAY (6.5 WIDE) VIDE DP773698. BENEFITED BY LOT 3 IN DP773698.
- (M) EASEMENT FOR DRAINAGE (3.05 WIDE) VIDE DP773697 & DEALING A97807
- (N) EASEMENT FOR STORMWATER AND DRAINAGE (3.66 WIDE) VIDE DP773697 & DEALING C401190
- (P) RIGHT OF WAY VARIABLE WIDTH (VIDE DP1256167)
- (Q) RIGHT OF WAY 6.6 WIDE (VIDE DP1256167)
- (X) COVENANT A154833, COVENANT A264429
- (Y) COVENANT A212245, COVENANT A275803, COVENANT D707869
- (Z) COVENANT A78729

RIGHTS ASSOCIATED WITH ELECTRICAL SUB-STATIONS

- (S1) LEASE OF SUB-STATION PREMISES NO. 3468 (GROUND FLOOR) VIDE DEALING O866670
- (E1) EASEMENT FOR ELECTRICITY PURPOSES & RIGHT OF WAY (5.84 WIDE) VIDE DEALING O866670
- (R1) RIGHT OF WAY (3.66 WIDE) VIDE DEALING O866670
- (S2) LEASE OF SUB-STATION PREMISES NO. 6494 (GROUND FLOOR-LEV 4) VIDE DEALING E949203
- (E2) EASEMENT FOR ELECTRICITY PURPOSES (0.5 & 2 WIDE) VIDE DEALING E949203
- (R2) RIGHT OF WAY (2.5, 3, 4, 6.5, 7, 12.9 WIDE & VARIABLE) VIDE DEALING E949203

WHOLE OF LOT RESTRICTIONS

ALL LOTS - RESERVATIONS AND CONDITIONS IN THE CROWN GRANT/S

LOT 7 IN DP777510 - LAND EXCLUDES MINERALS AND IS SUBJECT TO RESERVATIONS AND CONDITIONS IN FAVOUR OF THE CROWN - SEE MEMORANDUM S700000A

LOTS 3 & 4 IN DP773698 - RESTRICTION ON THE USE OF LAND

PLAN NOTES

THE BOUNDARIES SHOWN HEREON ARE BASED ON MAP GRID OF AUSTRALIA (MGA) ORIENTATION AND GROUND SCALE COORDINATES. THE ORIGIN POINT IS SSM86802 (E=318425.685, N=6245553.383) LOCATED IN RICKARD ROAD.

THE SUBJECT BOUNDARIES SHOWN HEREON HAVE BEEN COMPILED FROM PLANS ON PUBLIC RECORD: DP777510, DP1086914, DP773697, SP46119, DP773698, DP1179458, DP1231000, DP1005793, DP1087678, DP800995, DP566924, DP739983, DP1062983, DP643699 & DP 1256167. VERY FEW ORIGINAL REFERENCE MARKS EXIST ON THE SUBJECT SITE DUE TO STREET UPGRADE & BEAUTIFICATION WORKS. THE SUBJECT BOUNDARIES HAVE BEEN RE-INSTATED FROM TITLE DIMENSIONS AND USING FIELD OBSERVATIONS TO ORIGINAL REFERENCE MARKS ADJOINING THE SITE FROM THE PLANS LISTED ABOVE.

NO BOUNDARIES HAVE BEEN MARKED

THE ADJOINING BOUNDARIES SHOWN ARE FROM THE STATE DIGITAL CADASTRAL DATABASE (DCDB). THEY ARE OF UNKNOWN QUALITY OR ACCURACY AND ARE SHOWN FOR PLAN CONTEXT ONLY.

COMMERCIAL LEASES REGISTERED TO THE SUBJECT TITLES ARE NOT SHOWN ON THIS PLAN

REV	DATE	REVISION DETAILS	DRAWN	CHK	APP
C	21.07.2020	DP1256167 ADDED	NEC	CM	CM
B	26.07.2018	MINOR TEXT CHANGE TO EASEMENT NOTATION WITHIN LOT 7 IN DP777510.	DAA	DAA	JGS
A	24.07.2018	INITIAL VERSION	DAA	DAA	JGS

HORIZ. SCALE:	1:400	VERT. SCALE:	N/A
COORDINATES:	MGA	DATUM:	
ORIGIN:	SSM86802	ORIGIN:	

NOTES

CLIENT:	WESTERN SYDNEY UNIVERSITY
SURVEY:	RPS
DRAWN:	DAA
CHECKED:	DAA
APPROVED:	JGS

TITLE:	PLAN SHOWING COMPILED BOUNDARIES AND SECOND SCHEDULE INTERESTS
LOT 12 IN DP566924, LOTS 15 & 16 IN DP 1256167, LOT 7 IN DP777510, SP46119 AND LOTS 3-4 IN DP773698	
BANKSTOWN CIVIC CENTRE, RICKARD ROAD - BANKSTOWN	
DRAWING NO:	PR140676-BDY-001-C.dwg

JOB No:	PR140676
ISSUE:	C
SHEET 1 OF 2 SHEETS	SIZE B1

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RPS AUSTRALIA EAST PTY LTD
LEVEL 13 255 PITT STREET SYDNEY NSW 2000
T: 02 8270 8300 F: 02 9248 9810
www.rpsgroup.com.au

(ABN 44 140 292 762)
GPO BOX 4401 SYDNEY NSW 2001
www.rpsgroup.com.au

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PLAN NOTES

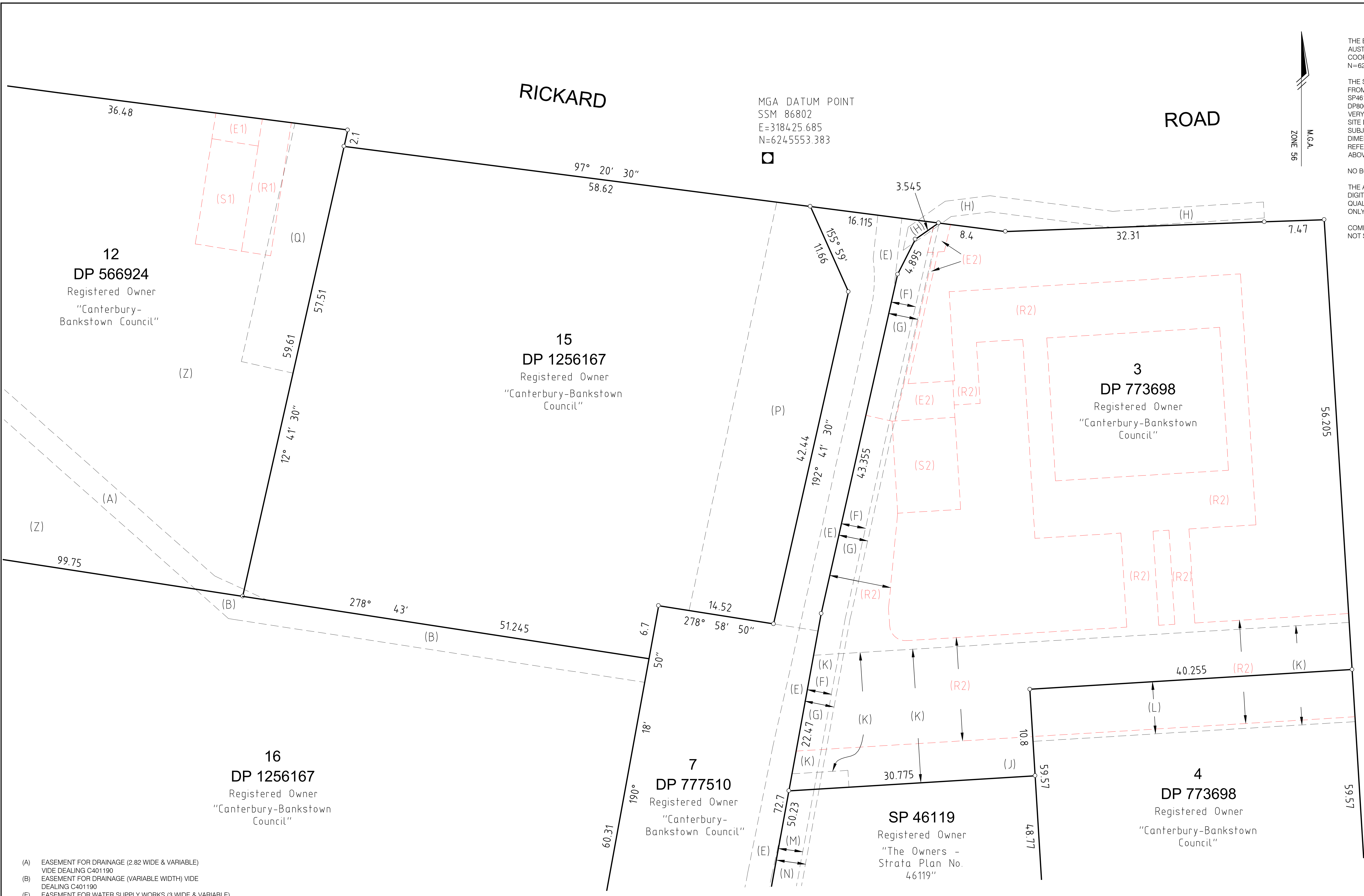
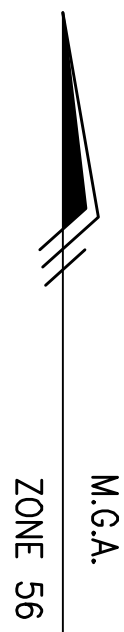
THE BOUNDARIES SHOWN HEREON ARE BASED ON MAP GRID OF AUSTRALIA (MGA) ORIENTATION AND GROUND SCALE COORDINATES. THE ORIGIN POINT IS SSM86802 (E=318425.685, N=6245553.383) LOCATED IN RICKARD ROAD.

THE SUBJECT BOUNDARIES SHOWN HEREON HAVE BEEN COMPILED FROM PLANS ON PUBLIC RECORD: DP777510, DP1086914, DP773697, SP46119, DP773698, DP1179458, DP1231000, DP1005793, DP1087678, DP800995, DP566924, DP739993, DP1062983, DP643699 & DP1256167. VERY FEW ORIGINAL REFERENCE MARKS EXIST ON THE SUBJECT SITE DUE TO STREET UPGRADE & BEAUTIFICATION WORKS. THE SUBJECT BOUNDARIES HAVE BEEN RE-INSTATED FROM TITLE DIMENSIONS AND USING FIELD OBSERVATIONS TO ORIGINAL REFERENCE MARKS ADJOINING THE SITE FROM THE PLANS LISTED ABOVE.

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- LOTS 3 & 4 IN DP773698 - RESTRICTION ON THE USE OF LAND

REVISIONS						HORIZ. SCALE:			VERT. SCALE:			NOTES		
No.	DATE	REVISION DETAILS	DRAWN	CHK	APP	1:200			N/A					
C	21.07.2020	DP1256167 ADDED	NEC	CM	CM	COORDINATES: MGA			DATUM:					
B	26.07.2018	MINOR TEXT CHANGE TO EASEMENT NOTATION WITHIN LOT 7 IN DP777510.	DAA	DAA	JGS	ORIGIN: SSM86802			ORIGIN:					
A	24.07.2018	INITIAL VERSION	DAA	DAA	JGS									
SCALE IN METRES AT ORIGINAL REDUCTION RATIO														

CLIENT: WESTERN SYDNEY UNIVERSITY		TITLE: PLAN SHOWING COMPILED BOUNDARIES AND SECOND SCHEDULE INTERESTS	
SURVEY: RPS	DATE OF SURVEY: JULY 2018	JOB No: PR140676	
DRAWN: DAA	DATE OF PLAN: 24.07.2018	ISSUE: C	
CHECKED: DAA	DATE LAST SAVED: 22.07.2020	SHEET 2 OF 2 SHEETS	
APPROVED: JGS	DATE APPROVED: 24.07.2018	SIZE: B1	

DRAWING No: PR140676-BDY-001-C.dwg		PLAN SHOWING COMPILED BOUNDARIES AND SECOND SCHEDULE INTERESTS	
LOT 12 IN DP566924, LOTS 15 & 16 IN DP 1256167, LOT 7 IN DP777510, SP46119 AND LOTS 3-4 IN DP773698		BANKSTOWN CIVIC CENTRE, RICKARD ROAD - BANKSTOWN	

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RPS AUSTRALIA EAST PTY LTD
LEVEL 13 255 PITT STREET SYDNEY NSW 2000
T: 02 8270 8300 F: 02 9248 9810
www.rpsgroup.com.au

(ABN 44 140 292 762)
GPO BOX 4401 SYDNEY NSW 2001

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LEGEND

	PERMANENT MARK		WATER MARKER
	BENCH MARK		WATER HYDRANT
	LARGE SIGN		WATER STOP VALVE
	SIGN		WATER METER
	BUS STOP		WATER TAP
	FENCE POST		WATER AIR VALVE
	BOLLARD		EARTH TERMINAL
	RUBBISH BIN		FIRE HYDRANT
	ELECTRIC		GAS
	ELEC CABLE JUNCTION BOX		GAS MARKER (90°)
	ELEC CABLE MARKER		GAS MARKER
	ELEC TURRET		GAS MANHOLE
	ELEC PILLAR		GAS VALVE BOX
	ELEC STAY POLE		COMMUNICATION
	ELEC POLE LIGHT		TELEPHONE DISTRIBUTION PILLAR
	ELEC CABLE MANHOLE		TELEPHONE PIT 1100 SQ
	ELEC DISTRIBUTION FUSE		TELEPHONE PIT
	ELEC GARDEN LIGHT		TWIN TELEPHONE PIT
	ELEC POWER POLE		TRIPLE TELEPHONE PIT
	ELEC POWER POLE & LIGHT		OPTICAL FIBER PIT
	ELEC STAY ANCHOR POLE		OPTICAL FIBER MARKER
	SEWER		TRAFFIC CONTROL SIGNAL
	SEWER LAMP COVER		TRAFFIC SIGNAL JUNCTION BOX
	SEWER VENT PIPE		TRAFFIC SIGNAL CONTROLLER
	SEWER MANHOLE		TRAFFIC LIGHT WITH OUTREACH
	INVERT OF PIPE		MISC
	SUMP INLET		UNDERGROUND TANK
	GULLY PIT		BORE HOLE
	DRAINAGE JUNCTION BOX		UNKNOWN SERVICE
	DRAIN MAN HOLE		GATIC LID
	DRAIN KERB INLET		UNKNOWN FLOOR
			BUILDING FLOOR LEVEL
			DOORWAY
			GATE
			RPS1000 SITE BENCHMARK
			STATE SURVEY MARK
			BOUNDARY
			EASEMENT

ON-SITE TREE SCHEDULE				
TREE NUMBER	CANOPY	Trunk (m)	Height (m)	
1	2	0.1	4	
2	2	0.1	4	
3	2	0.1	4	
4	2	0.1	4	
5	2	0.1	4	
6	3	0.1	4	
7	3	0.1	4	
8	3	0.1	4	
9	3	0.1	4	
10	6	0.4	7	
11	5	0.4	10	
12	5	0.4	10	
13	7	0.2	8	
14	6	0.3	5	
15	7	0.4	7	
16	8	0.2	5	
17	6	0.2	5	
18	6	0.2	5	
19	6	0.2	5	
20	6	0.3	5	
21	6	0.4	4	
22	7	0.3	7	
23	6	0.2	7	
24	7	0.4	7	
25	7	0.4	7	
26	8	0.4	7	
27	8	0.4	7	
28	9	0.4	9	
29	4	0.2	9	
30	4	0.2	9	
31	8	0.5	11	
32	6	0.3	7	
33	8	0.3	9	
34	6	0.4	12	
35	6	0.4	12	
36	6	0.4	12	
37	7	0.3	12	
38	7	0.2	10	
39	6	0.3	11	
40	8	0.4	12	
41	6	0.2	10	
42	7	0.3	11	
43	7	0.3	12	
44	8	0.4	14	
45	7	0.4	12	
46	6	0.2	15	
47	4	0.1	12	
48	8	0.4	13	
49	6	0.2	13	
50	10	0.8	10	
51	7	0.5	13	
52	5	0.2	11	
53	3	0.1	8	
54	6	0.3	12	
55	7	0.3	13	
56	9	0.4	12	
57	7	0.3	13	
58	5	0.2	13	
59	7	0.3	11	
60	7	0.4	13	
61	8	0.3	11	
62	8	0.3	11	
63	4	0.1	8	
64	5	0.2	8	
65	6	0.3	11	
66	6	0.4	12	
67	8	0.4	12	
68	7	0.3	11	
69	6	0.2	12	
70	9	0.5	12	
71	7	0.4	11	
72	6	0.1	11	
73	4	0.1	7	
74	5	0.2	9	
75	6	0.2	11	
76	6	0.3	11	
77	6	0.3	11	
78	6	0.3	11	
79	6	0.3	11	
80	4	0.2	11	
81	6	0.3	11	
82	6	0.3	11	
83	7	0.4	15	
84	6	0.2	12	
85	8	0.3	9	
86	12	0.4	8	
87	7	0.3	11	
88	12	0.3	11	
89	9	0.5	9	
90	10	0.5	10	
91	8	0.3	8	
92	8	0.3	8	
93	8	0.3	8	
94	8	0.3	8	
95	8	0.3	8	
96	2	0.1	4	
97	2	0.1	4	
98	5	0.3	7	
99	10	0.4	5	
100	2	0.1	3	
101	2	0.1	3	
102	2	0.2	3	
103	2	0.2	3	
104	4	0.2	5	
105	4	0.2	5	
106	4	0.2	5	
107	4	0.2	5	
108	4	0.2	5	
109	10	0.6	10	
110	12	0.6	16	
111	8	0.5	14	
112	12	0.6	18	
113	10	0.4	14	
114	10	0.4	14	
115	8	0.3	16	
116	8	0.4	16	
117	4	0.1	8	
118	12	0.4	8	
119	8	0.3	14	
120	6	0.3	14	
121	6	0.3	16	
122	6	0.3	16	
123	6	0.3	14	
124	6	0.3	14	
125	4	0.2	14	
126	7	0.3	14	
127	6	0.4	12	
128	10	0.4	14	
129	8	0.4	16	
130	6	0.2	14	
131	7	0.3	16	
132	7	0.4	12	
133	6	0.3	14	
134	6	0.4	16	
135	4	0.1	8	
136	4	0.2	8	
137	4	0.3	12	
138	4	0.2	12	
139	6	0.3	8	
140	4	0.1	10	
141	5	0.2	12	
142	20	0.8	14	
143	15	0.5	9	
144	15	0.5	12	
145	15	0.5	13	
146	4	0.1	8	
147	12	0.6	10	
148	20	0.6	12	
149	15	0.6	12	
150	6	0.4	12	
151	6	0.2	12	
152	12	0.5	12	
153	6	0.4	10	
154	15	0.5	14	
155	15	0.5	12	
156	20	0.5	18	
157	20	0.5	18	
158	15	0.5	16	
159	12	0.5	16	
160	12	0.4	18	
161	6	0.4	14	
162	18	0.4	16	
163	6	0.5	14	
164	6	0.4	14	
165	6	0.5	16	
166	6	0.5	16	
167	6	0.4	12	
168	6	0.5	16	
169	6	0.4	12	
170	3	0.1	5	
171	3	0.1	5	
172	3	0.1	5	
173	6	0.3	8	
174	10	0.3	8	

PROJECT SITE CONTROL MARKS

Name	Easting	Northing	RL	Type
SS 86802	318425.685	6245553.383	24.819	SSM 86802
RPS1000	318288.503	6245570.712	26.305	NAIL IN PATH
RPS1002	318235.280	6245447.343	26.560	NAIL IN PATH
RPS1003	318307.966	6245416.168	23.634	NAIL IN PATH
RPS1004	318350.616	6245480.696	24.266	NAIL IN CONC
RPS1005	318411.888	6245424.570	23.130	NAIL IN PATH
RPS1007	318522.214	6245433.642	23.370	NAIL IN PATH
RPS1009	318508.880	6245575.930	26.202	NAIL IN PATH

HORIZ. SCALE:	1:500 @ B1	VERT. SCALE:	N/A @ B1
COORDINATES:	MGA	DATUM:	AHD
ORIGIN:	SSM86802	ORIGIN:	SSM86802
SCALE IN METRES AT ORIGINAL REDUCTION RATIO	10 5 0 10 20 30		

NOTES

REVISIONS

No.	DATE	REVISION DETAILS	DRAWN	CHK	APP
D	21.07.2020	DP1256167 BOUNDARIES ADDED	NEC	CM	CM
C	28.11.2019	DIMENSIONS ADDED TO PROPOSED RIGHT OF WAY	JMJ	DAA	GE
B	13.11.2019	PROPOSED RIGHT OF WAY ADDED ON SHEETS 2-5	JMJ	DAA	GE
A	02.08.2018	INITIAL VERSION	JMJ	DAA	GE

IMPORTANT NOTES

PROJECT DATUMS

The data contained in this electronic file is based on Map Grid of Australia (MGA) Coordinates and on Australian Height Datum (AHD) levels. The project coordinate system is plane based (ground distances). The MGA and AHD datum point is SSM 86802 (E=318425.685, N=6245553.383, Accuracy B/2, RL 24.819 (Accuracy LBL/2) located on Rickard Road.

PROJECT SITE BOUNDARIES

The boundaries of Lot 12 in DP566924, Lots 15-16 in DP1256167, Lot 7 in DP777510, SP46119 & Lots 3-4 in DP773698 shown hereon have been compiled from Title dimensions and cadastral reference marks surveyed from a number of registered survey plans on public record. For a more comprehensive review of the site boundaries and their definition, refer to RPS plan PR140676-BDY-001.

The boundaries shown on adjoining properties (on opposite sides of Rickard Road, Chapel Road, The Mall and Jacobs Street) have been derived from the state Digital Cadastral Database (DCDB). These are shown for plan and site context only and are of unknown quality or accuracy.

PROJECT SITE EASEMENTS & SECOND SCHEDULE INTERESTS

This plan shows the locations of the registered easements that exist within the project survey area.

For a more comprehensive review of all the registered secondary schedule interests that exist on the land (easements, covenants, restrictions, reservations and exclusions) along with their locations and nature, refer to RPS plan PR140676-BDY-001.

VIEW ASSOCIATED 3D CAD FILES AND INFORMATION

This project mapping has been designed to be viewed in multiple CAD layers and multiple CAD files. The CAD files will allow interrogation of the information independent of scale restrictions (including near title dimensions).The

digital CAD files are generally in 3D and consequently queries of features and dimensions between points may produce slope distances rather than horizontal distances.

CONTOURS

The major contour interval on this plan is 1.0m, minor interval is 0.25m. Contours are a calculated indication of landform only. Spot Reduced Levels (RLs), or 3D levels on surveyed features should be used in preference to contours.

BUILDING INFORMATION

The footprints of all fixed buildings shown on this plan are at ground level and are shown hatched.

BUILDING FACADE INFORMATION

The Building Facade (Doors, Glazing, Parapets, Canopies, etc) information shown within this digital file has been modelled from a comprehensive point cloud obtained by terrestrial laser scanning as part of this project. The building facades contained within this CAD model have been modelled to a LOD200 standard.

SIGNIFICANT SITE VEGETATION

Only significant trees on the subject site with a trunk diameter of 100mm or greater has been surveyed. Smaller trees and shrubs exist on site. No tree tags have been placed.

NOTES TO ACCOMPANY DATA

These notes are an integral part of the digital data file and should be read with the data file and must not be removed from the data file.

For reasons of plan presentation, not all of the information can be shown on this plan. Please refer to accompanying digital data for all survey information and attributes.

NOTES ON UNDERGROUND SERVICES

Only visible surface information (pits, valves, manholes, etc) is shown on this plan. For underground service routes, refer to accompanying RPS plan PR19329-SERVICES-001.

CLIENT:	WESTERN SYDNEY UNIVERSITY
SURVEY:	RPS
DRAWN:	JMJ
CHECKED:	DAA
APPROVED:	GE
DATE OF SURVEY:	JULY 2018
DATE OF PLAN:	02.08.2018
DATE LAST SAVED:	22.07.2020
DATE APPROVED:	02.08.2018

CONTOUR & DETAIL SURVEY
OVER BANKSTOWN CIVIC PRECINCT
RICKARD ROAD, BANKSTOWN

DRAWING No: PR140676-DS-001D.dwg

JOB No:	PR140676
ISSUE:	D
DATE:	02.08.2018
BY:	JMJ
CHECKED:	DAA
APPROVED:	GE
DATE:	02.08.2018

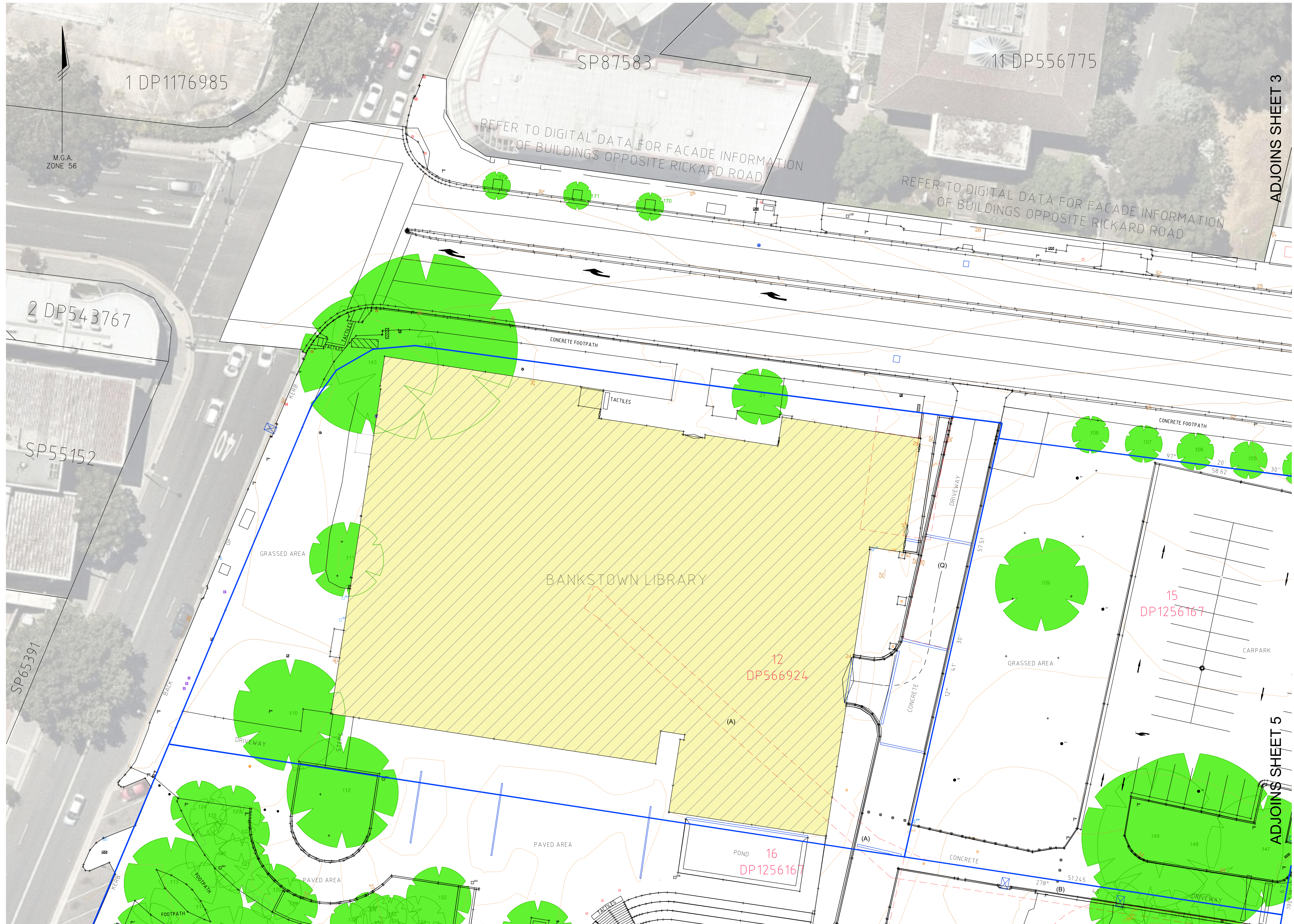
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RPS

- LEGEND
- PERMANENT MARK
BENCH MARK
LARGE SIGN
SIGN
FENCE POST
BOLLARD
FLUORESCENT
ELECTRIC
ELEC CABLE JUNCTION BOX
ELEC CABLE MARKER
ELEC TURBINE
ELEC PILLAR
ELEC STAY POLE
ELEC POLE LIGHT
ELEC CABLE MANHOLE
ELEC DISTRIBUTION FUSE
ELEC GARDEN LIGHT
ELEC POWER POLE
ELEC POWER POLE & LIGHT
ELEC STAY ANCHOR POLE
SEWER
SEWER LAMP/POLE COVER
SEWER VENT PIPE
SEWER MANHOLE
STORMWATER
INVERT OF PIPE
SUMP INLET
GULLY PIT
GULLY PIT
DRAINAGE JUNCTION BOX
DRAIN MANHOLE
DRAIN KERN INLET
- WATER
WATER MARKER
WATER HYDRANT
WATER STOP VALVE
WATER METER
WATER TAP
WATER AIR VALVE
EARTH TERMINAL
FIRE HYDRANT
GAS
GAS MARKER (R/P)
GAS MARKER
GAS MANHOLE
GAS VALVE BOX
COMMUNICATION
TELEPHONE DISTRIBUTION PILLAR
TELEPHONE PIT 1100 SQ
TELEPHONE PIT
TWIN TELEPHONE PIT
TRIPLE TELEPHONE PIT
OPTICAL FIBER PIT
TELEPHONE CABLE MARKER
TRAFFIC
TRAFFIC CONTROL SIGNAL
TRAFFIC SIGNAL JUNCTION BOX
TRAFFIC SIGNAL CONTROLLER
TRAFFIC LIGHT WITH OUTREACH
UNDERGROUND TANK
BORE HOLE
UNKNOWN SERVICE
GATE LID
UNKNOWN POLE
BUILDING FLOOR LEVEL
DOORWAY
GATE
RPS1000 SITE BENCHMARK
STATE SURVEY MARK
- BOUNDARY
EASEMENT

- (A) EASEMENT FOR DRAINAGE VARIABLE WIDTH (VIDE C401190)
(B) EASEMENT FOR DRAINAGE VARIABLE WIDTH (VIDE C401190)
(C) RIGHT OF WAY 6.6 WIDE (VIDE D1256167)



ADJOINS SHEET 4

REV	DATE	REVISION DETAILS	DRAWN	CHK	APP
D	21.07.2020	DP1256167 BOUNDARIES ADDED	NEC	CM	CM
C	28.11.2019	DIMENSIONS ADDED TO PROPOSED RIGHT OF WAY	JMJ	DAA	GE
B	13.11.2019	PROPOSED RIGHT OF WAY ADDED ON SHEETS 2-5	JMJ	DAA	GE
A	02.08.2018	INITIAL VERSION	JMJ	DAA	GE

NO	DATE	REVISION DETAILS	DRAWN	CHK	APP
1	02.08.2018	INITIAL VERSION	JMJ	DAA	GE

HORIZ. SCALE:	1:200 @ B1	VERT. SCALE:	N/A @ B1
COORDINATES:	MGA	DATUM:	AHD
ORIGIN:	SSM86802	ORIGIN:	SSM86802

SCALE IN METRES AT ORIGINAL REDUCTION RATIO

NOTES

CLIENT:	WESTERN SYDNEY UNIVERSITY	TITLE:	CONTOUR & DETAIL SURVEY OVER BANKSTOWN CIVIC PRECINCT RICKARD ROAD, BANKSTOWN
SURVEY:	RPS	DATE OF SURVEY:	JULY 2018
DRAWN:	JMJ	DATE OF PLAN:	02.08.2018
CHECKED:	DAA	DATE LAST SAVED:	22.07.2020
APPROVED:	GE	DATE APPROVED:	02.08.2018

DRAWING NO:	PR140676-DS-001D.dwg
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JOB No	PR140676	ISSUE	D
DATE	22.07.2020	SIZE	B1
SHEET	2 OF 5 SHEETS		

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LEGEND

- PERMANENT MARK
BENCH MARK
LARGE SIGN
SIGN
FENCE POST
BOLLARD
RUBBERBIB
ELECTRIC
ELEC CABLE JUNCTION BOX
ELEC CABLE MARKER
ELEC TURRET
ELEC PILLAR
ELEC STAY POLE
ELEC POLE LIGHT
ELEC CABLE MANHOLE
ELEC DISTRIBUTION FUSE
ELEC GARDEN LIGHT
ELEC POWER POLE
ELEC STAY ANCHOR POLE
SEWER
SEWER LAMPHOLE COVER
SEWER VENT PIPE
SEWER MANHOLE
STORMWATER
INVERT OF PIPE
SUMP INLET
GULLY PIT
GULLY PIT
DRAINAGE JUNCTION BOX
DRAIN MANHOLE
DRAIN KERB INLET
- WATER
WATER MARKER
WATER HYDRANT
WATER STOP VALVE
WATER METER
WATER TAP
WATER AIR VALVE
EARTH TERMINAL
FIRE HYDRANT
GAS
GAS MARKER (R/P)
GAS MARKER
GAS MANHOLE
GAS VALVE BOX
COMMUNICATION
TELEPHONE DISTRIBUTION PILLAR
TELEPHONE PIT 1100 SQ
TELEPHONE PIT
TWIN TELEPHONE PIT
TRIPLE TELEPHONE PIT
OPTICAL FIBRE PIT
OPTICAL FIBRE MARKER
TELEPHONE CABLE MARKER
- TRAFFIC CONTROL SIGNAL
TRAFFIC SIGNAL JUNCTION BOX
TRAFFIC SIGNAL CONTROLLER
TRAFFIC LIGHT WITH OUTREACH
MISC
UNDERGROUND TANK
BORE HOLE
UNKNOWN SERVICE
GATIC LID
UNKNOWN POLE
BUILDING FLOOR LEVEL
DOORWAY
GATE
RPS1000
SITE BENCHMARK
STATE SURVEY MARK
- BOUNDARY
EASEMENT

- (A) EASEMENT FOR DRAINAGE VARIABLE WIDTH (VIDE C401190)
(B) EASEMENT FOR DRAINAGE VARIABLE WIDTH (VIDE C401190)
(E) EASEMENT FOR WATER SUPPLY WORKS 3 WIDE & VARIABLE (VIDE Z289967)
(P) RIGHT OF WAY VARIABLE WIDTH (VIDE DP1256167)
(Q) RIGHT OF WAY 6.6 WIDE (DP1256167)



ADJOINS SHEET 5

						HORIZ. SCALE:		VERT. SCALE:		
REVISIONS	D	21.07.2020	DP1256167 BOUNDARIES ADDED		NEC	CM	1:200 @ B1		N/A @ B1	
	C	28.11.2019	DIMENSIONS ADDED TO PROPOSED RIGHT OF WAY		JMJ	DAA	COORDINATES: MGA		DATUM: AHD	
	B	13.11.2019	PROPOSED RIGHT OF WAY ADDED ON SHEETS 2-5		JMJ	DAA	ORIGIN: SSM86802		ORIGIN: SSM86802	
	A	02.08.2018	INITIAL VERSION		JMJ	DAA				
	No.	DATE	REVISION DETAILS		DRAWN	CHK	SCALE IN METRES AT ORIGINAL REDUCTION RATIO			

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CLIENT:	WESTERN SYDNEY UNIVERSITY
SURVEY:	RPS
DRAWN:	JMJ
CHECKED:	DAA
APPROVED:	GE

DATE OF SURVEY:	JULY 2018
DATE OF PLAN:	02.08.2018
DATE LAST SAVED:	22.07.2020
DATE APPROVED:	02.08.2018

TITLE
**CONTOUR & DETAIL SURVEY
OVER BANKSTOWN CIVIC PRECINCT
RICKARD ROAD, BANKSTOWN**

DRAWING NO: PR140676-DS-001D.dwg

JOB No	PR140676	ISSUE	D
www.rpsgroup.com.au			
BEFORE YOU DIG			
SHEET 3 OF 5 SHEETS	SIZE B1		

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LEGEND

- PERMANENT MARK
BENCH MARK
LARGE SIGN
SIGN
BUS STOP
FENCE POST
BOLLARD
RUBBERBIN
ELECTRIC
ELEC CABLE JUNCTION BOX
ELEC CABLE MARKER
ELEC TURBINE
ELEC PILLAR
ELEC STAY POLE
ELEC POLE LIGHT
ELEC CABLE MANHOLE
ELEC DISTRIBUTION FUSE
ELEC GARDEN LIGHT
ELEC POWER POLE
ELEC STAY ANCHOR POLE
SEWER
SEWER LAMPPOLE COVER
SEWER VENT PIPE
SEWER MANHOLE
STORMWATER
INVERT OF PIPE
SUMP INLET
GULLY PIT
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DRAINAGE JUNCTION BOX
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GAS MARKER
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TWIN TELEPHONE PIT
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OPTICAL FIBER PIT
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TRAFFIC CONTROL SIGNAL
TRAFFIC SIGNAL JUNCTION BOX
TRAFFIC SIGNAL CONTROLLER
TRAFFIC LIGHT WITH OUTREACH
MISC
UNDERGROUND TANK
BORE HOLE
UNKNOWN SERVICE
GATIC LID
UNKNOWN POLE
BUILDING FLOOR LEVEL
DOORWAY
GATE
RPS1000 SITE BENCHMARK
STATE SURVEY MARK
BOUNDARY
EASEMENT

- (A) EASEMENT FOR DRAINAGE VARIABLE WIDTH (VIC C401190)
(B) EASEMENT FOR DRAINAGE VARIABLE WIDTH (VIC C401190)



REV	DATE	REVISION DETAILS	DRAWN	CHK	APP
D	21.07.2020	DP1256167 BOUNDARIES ADDED	NEC	CM	CM
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HORIZ. SCALE:	1:200 @ B1	VERT. SCALE:	N/A @ B1
COORDINATES:	MGA	DATUM:	AHD
ORIGIN:	SSM86802	ORIGIN:	SSM86802

NOTES

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APPROVED:	GE	DATE APPROVED:	02.08.2018

JOB No:	PR140676	ISSUE:	D
SHEET:	4	OF 5 SHEETS:	B1
DRAWING No:	PR140676-DS-001D.dwg	SIZE:	B1

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LEGEND

- PERMANENT MARK
BENCH MARK
LARGE SIGN
SIGN
BUS STOP
FENCE POST
BOLLARD
RUBBERBIB
ELECTRIC
ELEC CABLE JUNCTION BOX
ELEC CABLE MARKER
ELEC TURBINE
ELEC PILLAR
ELEC STAY POLE
ELEC POLE LIGHT
ELEC CABLE MANHOLE
ELEC DISTRIBUTION FUSE
ELEC GARDEN LIGHT
ELEC POWER POLE
ELEC STAY ANCHOR POLE
SCHEM
SEWER LAMP/POLE COVER
SEWER VENT PIPE
SEWER MANHOLE
STORMWATER
INVERT OF PIPE
SUMP INLET
GULLY PIT
GULLY PIT
DRAINAGE JUNCTION BOX
DRAIN MANHOLE
DRAIN KIBER INLET
- WATER
WATER MARKER
WATER HYDRANT
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WATER AIR VALVE
EARTH TERMINAL
FIRE HYDRANT
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GAS MARKER
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GAS VALVE BOX
COMMUNICATION
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OPTICAL FIBER PIT
OPTICAL FIBER MARKER
TELEPHONE CABLE MARKER
- TRAFFIC
TRAFFIC CONTROL SIGNAL
TRAFFIC SIGNAL JUNCTION BOX
TRAFFIC SIGNAL CONTROLLER
TRAFFIC LIGHT WITH OUTREACH
MISC
UNDERGROUND TANK
BORE HOLE
UNKNOWN SERVICE
GATE LID
UNKNOWN POLE
BUILDING FLOOR LEVEL
DOORWAY
GATE
RPS1000
SITE BENCHMARK
STATE SURVEY MARK
- BOUNDARY
EASEMENT

- (A) EASEMENT FOR DRAINAGE VARIABLE WIDTH (VIC C401190)
(B) EASEMENT FOR DRAINAGE VARIABLE WIDTH (VIC C401190)
(C) EASEMENT FOR WATER SUPPLY WORKS 3 WIDE & VARIABLE (VIC Z28967)
(D) RIGHT OF WAY VARIABLE WIDTH (VIC DP1256167)



REV	DATE	REVISION DETAILS	DRAWN	CHK	APP
D	21.07.2020	DP1256167 BOUNDARIES ADDED	NEC	CM	CM
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HORIZ. SCALE:	1:200 @ B1	VERT. SCALE:	N/A @ B1
COORDINATES:	MGA	DATUM:	AHD
ORIGIN:	SSM86802	ORIGIN:	SSM86802

NOTES

CLIENT:	WESTERN SYDNEY UNIVERSITY	TITLE:	CONTOUR & DETAIL SURVEY OVER BANKSTOWN CIVIC PRECINCT RICKARD ROAD, BANKSTOWN
SURVEY:	RPS	DATE OF SURVEY:	JULY 2018
DRAWN:	JMJ	DATE OF PLAN:	02.08.2018
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APPROVED:	GE	DATE APPROVED:	02.08.2018

JOB No:	PR140676	ISSUE:	D
SHEET:	5 OF 5 SHEETS	SIZE:	B1
DRAWING No:	PR140676-DS-001D.dwg		

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PUBLIC UTILITY LEGEND

E ELEC

- CABLE JUNCTION BOX (PEJB)
- CABLE MANHOLE (PEMH)
- DISTRIBUTION FUSE POINT
- POLE - LIGHT (PLPL)
- POLE - POWER (PPPL)
- POLE - POWER & LIGHT (PLPL)
- POWER SERVICE PILLAR - UNDERGROUND (PEUP)
- TRANSFORMER CABINET CENTRE (PETC)
- LIGHT WITH OUTREACH (LI)
- HOUSE CONNECTION (EY)
- CONDUIT (ED) (DIA LINK)
- CONDUIT (ED) (DIA)
- LINE-DIGITISED (EZ)
- LINE-UNDERGROUND (EU)
- LINE-MINOR TRANSMISSION (UL)

E TCS

- TRAFFIC CONTROL SIGNAL (PSGL)
- TRAFFIC SIGNAL CONTROLLER (PSCL)
- TRAFFIC SIGNAL DETECTOR (PSDR)
- TRAFFIC SIGNAL JUNCTION BOX (PSJX)
- TRAFFIC LIGHT WITH OUTREACH (TO)
- TRAFFIC SIGNAL DETECTOR (SD)

E COMMS (COMMUNICATIONS)

- TELEPHONE DISTRIBUTION PILLAR (PTDP)
- ABOVE GROUND JOINING POST (PTJP)
- OPTICAL FIBRE JUNCTION BOX (POFJ)
- OPTICAL FIBRE PIT (POFP)
- STD 1.1 m BY 1.1 m MAIN PIT (PTMP)
- TELEPHONE BOX POINT (PTBX)
- TELEPHONE POLE (PTPL)
- TELEPHONE SINGLE CONCRETE PIT (PTSP)
- TELEPHONE TRIPLE CONCRETE PIT (PTTP)
- TELEPHONE TWIN CONCRETE PIT (PTTP)
- OPTICAL FIBRE-DIGITISED (OZ)
- OPTICAL FIBRE-UNDERGROUND (OU) (DIA LINK)
- OPTICAL FIBRE-UNDERGROUND (OU) (DIA)
- TELEPHONE LINE (TN) (DIA LINK)
- TELEPHONE LINE (TN) (DIA)
- TELEPHONE LINE-DIGITISED (TZ)
- TELEPHONE CONDUIT (TD) (DIA LINK)
- TELEPHONE CONDUIT (TD) (DIA)
- TELEPHONE SUMP (TS)

E GAS

- MANHOLE COVER (PGHL)
- METER (PGMR)
- PIPELINE MARKER (PGPM)
- PIPELINE MARKER - HIGH PRESSURE (PGHM)
- VALVE BOX (PGAS)
- VENT PIPE (PGVP)
- TEST POINT (PGTP)
- ETHANE PIPELINE (HA)
- HOUSE CONNECTION (DG)
- MAIN-DIGITISED (ZS)
- MAIN-HIGH PRESSURE PIPELINE (HG)
- MAIN-LOW PRESSURE (LG)

E WATR

- AIR VALVE (PWAV)
- EARTH TERMINAL (PWET)
- FIRE HYDRANT (PWFB)
- HYDRANT (PWHR)
- METER (PWMR)
- STOP VALVE - RECYCLED (PRSV)
- TAP (PWTP)
- HOUSE CONNECTION (WY)
- MAIN (WM) (DIA LINK)
- MAIN (WM) (DIA)
- MAIN-DIGITISED (WZ)

E SEWER

- MANHOLE COVER (PSMH)
- VENT PIPE (PSVP)
- LAMPHOLE (PSLH)
- MAIN (SM) (DIA LINK)
- MAIN (SM) (DIA)
- MAIN-DIGITISED (SZ)
- HOUSE CONNECTION (EY)

E DRAIN (STORMWATER)

- DRAINAGE JUNCTION MANHOLE (PDJM)
- GULLY PIT POINT (PSUL)
- INLET TO SUMP (PLT)
- INVERT OF PIPE (PINV)
- TOP OF CONCRETE JUNCTION BOX (PJXB)
- SUBSOIL DRAIN FLUSH POINT (PSFP)
- WEIR INLET (RI)
- DRAINAGE PIT (DP)
- DRAINAGE BOX (DB)
- DRAINAGE PIPE (DU) (DIA LINK)
- DRAINAGE PIPE (DU) (DIA)

E CULT (CULTURAL)

- SIGN POST (PSN)
- BOLLARD (AC)
- FLOOR LEVEL
- CORNER OF BUILDING
- PARKING METER (PKME)

E MISC

- GEOTECHNICAL TEST PIT
- GATIC COVER (ID) (PGAT)
- UNDERGROUND TANK (PUTP)
- UNIDENTIFIED POLE (PPL)
- UNIDENTIFIED SERVICE (PUSR)
- UNIDENTIFIED PIPELINE (UP)
- UNIDENTIFIED SERVICE (UP)

SUI QUALITY CLASSIFICATION

- (A) QUALITY LEVEL A
- (B) QUALITY LEVEL B
- (C) QUALITY LEVEL C
- (D) QUALITY LEVEL D

UTILITY LEGEND

ELECTRICITY (AUSGRID)

- AS ASBESTOS CEMENT
- GI GALVANISED IRON
- PVC POLYVINYL CHLORIDE

GAS (JEMENA)

- NB NOMINAL BORE (CAST IRON MAN)
- PE POLYETHYLENE

RMS:

- GI GALVANISED IRON
- HD HEAVY DUTY
- PVC POLYVINYL CHLORIDE

TELSTRA & OPTUS:

- AC ASBESTOS CEMENT
- CONC CONCRETE
- EW EARTHENWARE
- GI GALVANISED IRON
- PVC POLYVINYL CHLORIDE

WATER (SYDNEY WATER):

- CICL CAST IRON CEMENT LINED
- DICL DUCTILE IRON CEMENT LINED
- GI GALVANISED IRON
- PVC POLYVINYL CHLORIDE
- VIC VITRIFIED CLAY
- SCILB STEEL CEMENT LINED INTERNAL BITUMEN LINED
- PE POLYETHYLENE
- SCW SALT GLAZED WARE
- CONC CONCRETE

ELECTRICITY MAJOR TRANSMISSION LINE (QUALITY LEVEL D)

ELECTRICITY SUBSTATION (QUALITY LEVEL D)

STORMWATER CHANNEL (QUALITY LEVEL D)

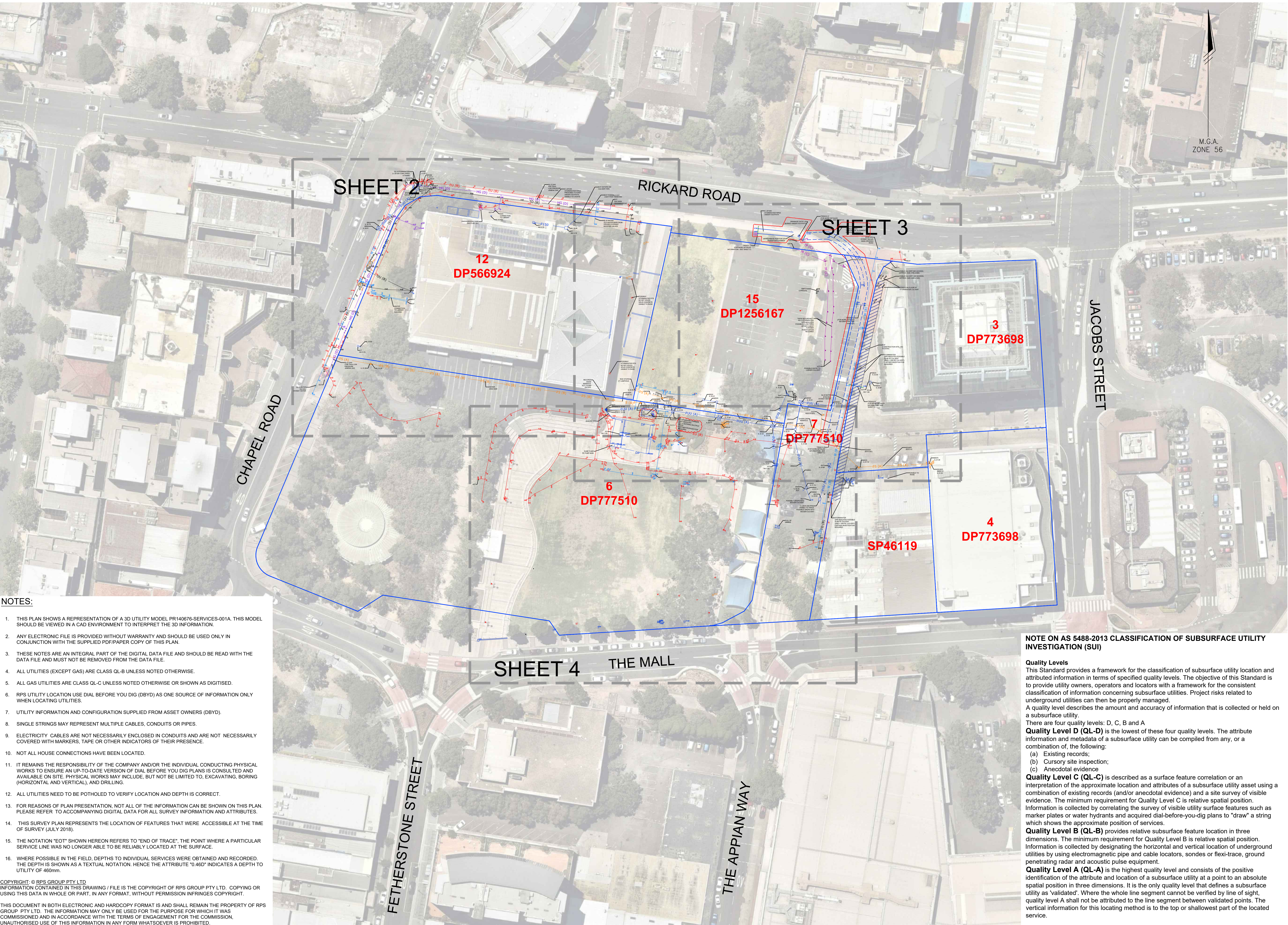
FOW FULL OF WATER

FOU FULL OF DIRT

UTO UNABLE TO OPEN

NA NOT ACCESSIBLE

EDT END OF TRACE



NOTES:

- THIS PLAN SHOWS A REPRESENTATION OF A 3D UTILITY MODEL PR140676-SERVICES-001A. THIS MODEL SHOULD BE VIEWED IN A CAD ENVIRONMENT TO INTERPRET THE 3D INFORMATION.
- ANY ELECTRONIC FILE IS PROVIDED WITHOUT WARRANTY AND SHOULD BE USED ONLY IN CONJUNCTION WITH THE SUPPLIED PDF/PAPER COPY OF THIS PLAN.
- THESE NOTES ARE AN INTEGRAL PART OF THE DIGITAL DATA FILE AND SHOULD BE READ WITH THE DATA FILE AND MUST NOT BE REMOVED FROM THE DATA FILE.
- ALL UTILITIES (EXCEPT GAS) ARE CLASS QL-B UNLESS NOTED OTHERWISE.
- ALL GAS UTILITIES ARE CLASS QL-C UNLESS NOTED OTHERWISE OR SHOWN AS DIGITISED.
- RPS UTILITY LOCATION USE DIAL BEFORE YOU DIG (DBYD) AS ONE SOURCE OF INFORMATION ONLY WHEN LOCATING UTILITIES.
- UTILITY INFORMATION AND CONFIGURATION SUPPLIED FROM ASSET OWNERS (DBYD).
- SINGLE STRINGS MAY REPRESENT MULTIPLE CABLES, CONDUITS OR PIPES.
- ELECTRICITY CABLES ARE NOT NECESSARILY ENCLOSED IN CONDUITS AND ARE NOT NECESSARILY COVERED WITH MARKERS, TAPE OR OTHER INDICATORS OF THEIR PRESENCE.
- NOT ALL HOUSE CONNECTIONS HAVE BEEN LOCATED.
- IT REMAINS THE RESPONSIBILITY OF THE COMPANY AND/OR THE INDIVIDUAL CONDUCTING PHYSICAL WORKS TO ENSURE AN UP-TO-DATE VERSION OF DIAL BEFORE YOU DIG PLANS IS CONSULTED AND AVAILABLE ON SITE. PHYSICAL WORKS MAY INCLUDE, BUT NOT BE LIMITED TO, EXCAVATING, BORING (HORIZONTAL AND VERTICAL), AND DRILLING.
- ALL UTILITIES NEED TO BE POTHOLED TO VERIFY LOCATION AND DEPTH IS CORRECT.
- FOR REASONS OF PLAN PRESENTATION, NOT ALL OF THE INFORMATION CAN BE SHOWN ON THIS PLAN. PLEASE REFER TO ACCOMPANYING DIGITAL DATA FOR ALL SURVEY INFORMATION AND ATTRIBUTES.
- THIS SURVEY PLAN REPRESENTS THE LOCATION OF FEATURES THAT WERE ACCESSIBLE AT THE TIME OF SURVEY (JULY 2018).
- THE NOTATION "EOT" SHOWN HEREON REFERS TO "END OF TRACE", THE POINT WHERE A PARTICULAR SERVICE LINE WAS NO LONGER ABLE TO BE RELIABLY LOCATED AT THE SURFACE.
- WHERE POSSIBLE IN THE FIELD, DEPTHS TO INDIVIDUAL SERVICES WERE OBTAINED AND RECORDED. THE DEPTH IS SHOWN AS A TEXTUAL NOTATION. HENCE THE ATTRIBUTE "0.46D" INDICATES A DEPTH TO UTILITY OF 460mm.

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DISCLAIMER:

THIS SURVEY MODEL INCLUDES INFORMATION DESCRIBING THE LOCATION OF SUBTERRANEAN FEATURES WHICH WERE PURPORTED TO EXIST AT THE TIME OF SURVEY.

THIS INFORMATION WAS COMPILED FROM A COMBINATION OF FIELD TECHNIQUES AND AVAILABLE DATA FROM COOPERATING UTILITY AUTHORITIES. WHILST ALL CARE HAS BEEN TAKEN IN THE PREPARATION OF THIS SURVEY MODEL, RPS CANNOT GUARANTEE THAT THE SURVEY MODEL IS WITHOUT FLAW OR OMISSIONS. RPS CANNOT TAKE RESPONSIBILITY OF ANY KIND WHATSOEVER FOR ANY LOSS, DAMAGE OR OTHER CONSEQUENCES WHICH MAY ARISE FROM ANY PERSON RELYING ON ANY THING STATED ON THIS PLAN.

IN PARTICULAR, IT IS RECOMMENDED THAT USERS SATISFY THEMSELVES AS TO THE LOCATION OF SUBTERRANEAN FEATURES SUCH AS UTILITIES WHICH MAY OR MAY NOT BE SHOWN ON THE PLAN.

NOTE ON AS 5488-2013 CLASSIFICATION OF SUBSURFACE UTILITY INVESTIGATION (SUI)

Quality Levels
This Standard provides a framework for the classification of subsurface utility location and attributed information in terms of specified quality levels. The objective of this Standard is to provide utility owners, operators and locators with a framework for the consistent classification of information concerning subsurface utilities. Project risks related to underground utilities can then be properly managed.
A quality level describes the amount and accuracy of information that is collected or held on a subsurface utility.
There are four quality levels: D, C, B and A
Quality Level D (QL-D) is the lowest of these four quality levels. The attribute information and metadata of a subsurface utility can be compiled from any, or a combination of, the following:
(a) Existing records;
(b) cursory site inspection;
(c) Anecdotal evidence
Quality Level C (QL-C) is described as a surface feature correlation or an interpretation of the approximate location and attributes of a subsurface utility asset using a combination of existing records (and/or anecdotal evidence) and a site survey of visible evidence. The minimum requirement for Quality Level C is relative spatial position. 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.
Quality Level B (QL-B) provides relative subsurface feature location in three dimensions. The minimum requirement for Quality Level B is relative spatial position. 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 acoustic pulse equipment.
Quality Level A (QL-A) is the highest quality level and consists of the positive identification of the attribute and location of a subsurface utility at a point to an absolute spatial position in three dimensions. It is the only quality level that defines a subsurface utility as "validated". Where the whole line segment cannot be verified by line of sight, quality level A shall not be attributed to the line segment between validated points. The vertical information for this locating method is to the top or shallowest part of the located service.

REVISED	E	23.07.2019	BOUNDARIES UPDATED	AF	GE	GE	HORIZ. SCALE: 1:500 @ B1	VERT. SCALE: N/A @ B1	NOTES
	D	22.08.2019	DRAINAGE BOX CULVERT ALIGNMENT BETWEEN TRENCH 2 AND TRENCH 9 UPDATED	AF	SP	TC			
	C	19.08.2019	TRENCHING DIAGRAMS ADDED & 0450 DRAINAGE UPDATED	AF	TB/SP	TC			
	B	29.08.2018	LEGEND UPDATED	JMJ	DAA	GE			
	A	06.08.2018	INITIAL VERSION	JMJ	DAA	GE			
No	DATE	REVISION DETAILS				DRAWN	CHK	APP	

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CLIENT: WESTERN SYDNEY UNIVERSITY		DATE OF SURVEY: JULY 2018	
SURVEY: RPS		DATE OF PLAN: 06.08.2018	
DRAWN: MJM		DATE LAST SAVED: 23.07.2020	
CHECKED: DAA		DATE APPROVED: 06.08.2018	
APPROVED: GE			

TITLE
SERVICES PLAN
OVER PART OF BANKSTOWN CIVIC PRECINCT
RICKARD ROAD, BANKSTOWN

DRAWING No
PR140676-SERVICES-001-E.dwg

JOB No
PR140676

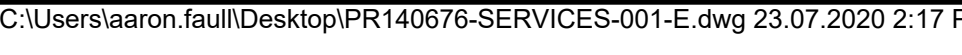
ISSUE
E

DATE
23.07.2020

SIZE
B1

RPS AUSTRALIA EAST PTY LTD (ABN 44 140 292 763)
LEVEL 13 255 PITT STREET SYDNEY NSW 2000
T: 02 8270 8300 F: 02 9248 9810 www.rpsgroup.com.au

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PUBLIC UTILITY LEGEND

E.ELEC

- CABLE JUNCTION BOX (PEIB)
- CABLE MANHOLE (PEMH)
- DISTRIBUTION FUSE POINT
- POLE - LIGHT (PLPL)
- POLE - POWER (PPPL)
- POLE - POWER & LIGHT (PPLP)
- POWER SERVICE PILLAR - UNDERGROUND (PEUP)
- TRANSFORMER CABINET CENTRE (PETC)
- LIGHT WITH OUTREACH (LI)
- HOUSE CONNECTION (EY)
- CONDUIT (ED) (DIA LINK)
- CONDUIT (ED) (DIA)
- LINE-DIGITISED (EZ)
- LINE-UNDERGROUND (EU)
- LINE-MINOR TRANSMISSION (UL)

E.TCS

- TRAFFIC CONTROL SIGNAL (PSGL)
- TRAFFIC SIGNAL CONTROLLER (PSCL)
- TRAFFIC SIGNAL DETECTOR (PSDR)
- TRAFFIC SIGNAL JUNCTION BOX (PSJX)
- TRAFFIC LIGHT WITH OUTREACH (TO)
- TRAFFIC SIGNAL DETECTOR (SD)

E.COMMS

- TELEPHONE DISTRIBUTION PILLAR (PTDP)
- ABOVE GROUND JOINING POST (PTJP)
- OPTICAL FIBRE JUNCTION BOX (POFJ)
- OPTICAL FIBRE PIT (POFP)
- STD 1.1m BY 1.1m MAIN PIT (PTMP)
- TELEPHONE BOX POINT (PTBX)
- TELEPHONE POLE (PTPL)
- TELEPHONE SINGLE CONCRETE PIT (PTSP)
- TELEPHONE TRIPLE CONCRETE PIT (PTTP)
- TELEPHONE TWIN CONCRETE PIT (PTTP)
- OPTICAL FIBRE-DIGITISED (OZ)
- OPTICAL FIBRE-UNDERGROUND (OU) (DIA LINK)
- OPTICAL FIBRE-UNDERGROUND (OU) (DIA)
- TELEPHONE LINE (TN) (DIA LINK)
- TELEPHONE LINE (TN) (DIA)
- TELEPHONE LINE-DIGITISED (TZ)
- TELEPHONE CONDUIT (TD) (DIA LINK)
- TELEPHONE CONDUIT (TD) (DIA)
- TELEPHONE SUMP (TS)

E.GAS

- MANHOLE COVER (PGHL)
- METER (PGMR)
- PIPELINE MARKER (PGPM)
- PIPELINE MARKER - HIGH PRESSURE (PGHM)
- VALVE BOX (PGAS)
- VENT PIPE (PGVP)
- TEST POINT (PGTP)
- ETHANE PIPELINE (HA)
- HOUSE CONNECTION (DG)
- MAIN-DIGITISED (ZS)
- MAIN-HIGH PRESSURE PIPELINE (HG)
- MAIN-LOW PRESSURE PIPELINE (LG)

E.WATR

- AIR VALVE (PWAU)
- EARTH TERMINAL (PWET)
- FIRE HYDRANT (PWFB)
- HYDRANT (PWRY)
- METER (PWMR)
- STOP VALVE - RECYCLED (PRSV)
- TAP (PWTP)
- HOUSE CONNECTION (WY)
- MAIN (WM) (DIA LINK)
- MAIN (WM) (DIA)
- MAIN-DIGITISED (WZ)

E.SWER

- MANHOLE COVER (PSMH)
- VENT PIPE (PSVP)
- LAMPHOLE (PSLH)
- MAIN (SM) (DIA LINK)
- MAIN (SM) (DIA)
- MAIN-DIGITISED (SZ)
- HOUSE CONNECTION (SY)

E.DRAIN

- DRAINAGE JUNCTION MANHOLE (PDJM)
- GULLY PIT POINT (PGUL)
- INLET TO SUMP (PSI)
- INVERT OF PIPE (PINV)
- TOP OF CONCRETE JUNCTION BOX (PJXB)
- SUBSOIL DRAIN FLUSH POINT (PSPF)
- WEIR INLET (WI)
- DRAINAGE PIT (DP)
- DRAINAGE BOX (DX)
- DRAINAGE PIPE (DU) (DIA LINK)
- DRAINAGE PIPE (DU) (DIA)

E.CULT

- SIGN POST (PSN)
- BOLLARD (AC)
- FLOOR LEVEL
- CORNER OF BUILDING
- PARKING METER (PKME)

E.MISC

- GEOTECHNICAL TEST PIT
- GATIC COVER LID (PGAT)
- UNDERGROUND TANK (PUTP)
- UNIDENTIFIED POLE (PSUL)
- UNIDENTIFIED SERVICE (PUSR)
- UNIDENTIFIED PIPELINE (UP)
- UNIDENTIFIED SERVICE (UP)

SUI QUALITY CLASSIFICATION

- (A) QUALITY LEVEL A
- (B) QUALITY LEVEL B
- (C) QUALITY LEVEL C
- (D) QUALITY LEVEL D

UTILITY LEGEND

- ELECTRICITY (AUSGRID)
- ASBESTOS CEMENT
- GALVANISED IRON
- POLYVINYL CHLORIDE

- GAS (JEMENA)
- NB NOMINAL BORE (CAST IRON MAN)
- PE POLYETHYLENE

- RMS:
- GI GALVANISED IRON
- HD HEAVY DUTY
- PVC POLYVINYL CHLORIDE

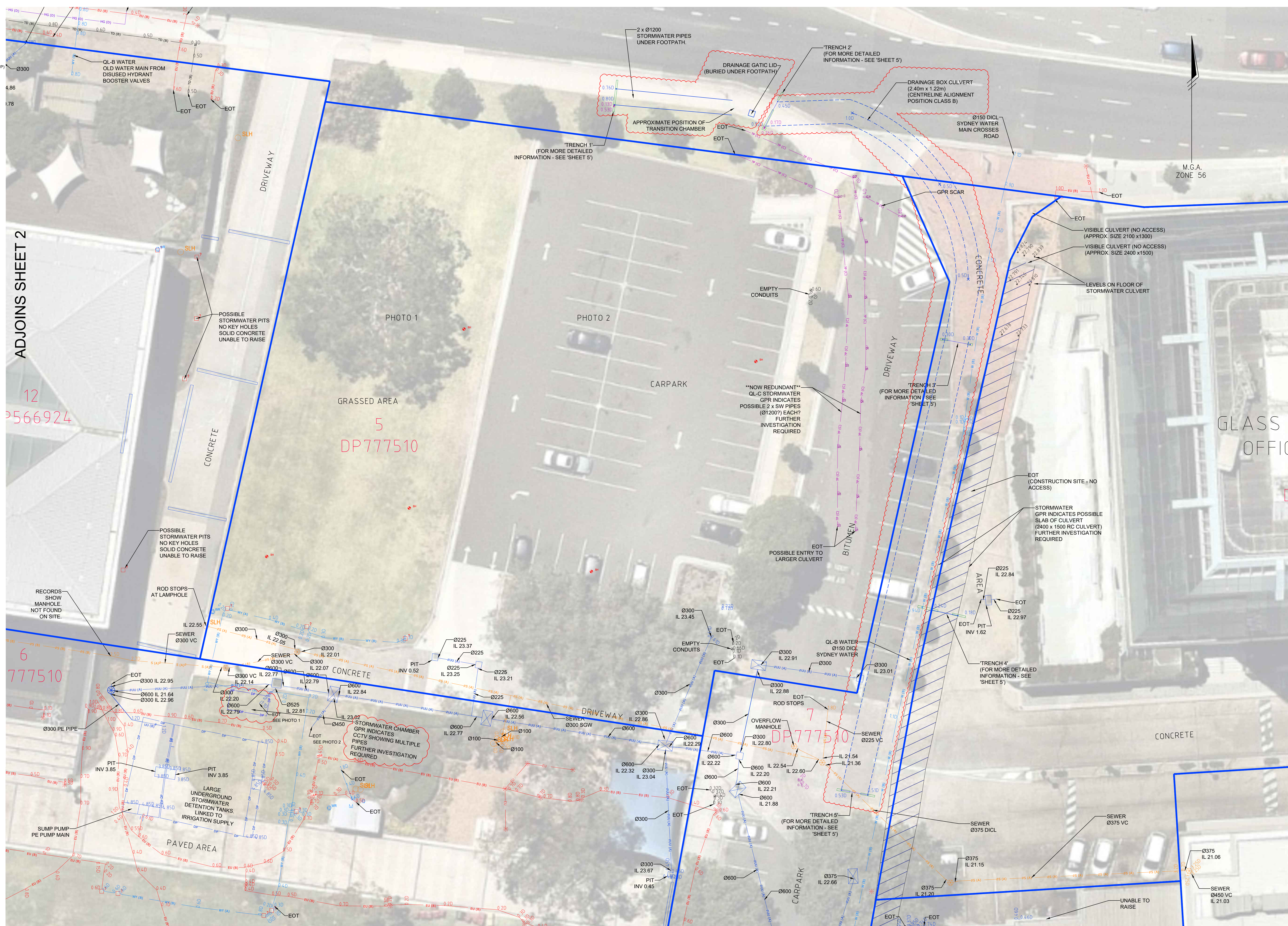
- TELSTRA & OPTUS:
- AC ASBESTOS CEMENT
- CONC CONCRETE
- EW EARTHENWARE
- GI GALVANISED IRON
- PVC POLYVINYL CHLORIDE

- WATER (SYDNEY WATER):
- CICL CAST IRON CEMENT LINED
- DICL DUCTILE IRON CEMENT LINED
- GI GALVANISED IRON
- PVC POLYVINYL CHLORIDE
- VC VITRIFIED CLAY
- SCILBL STEEL CEMENT LINED INTERNAL BITUMEN LINED
- PE POLYETHYLENE
- SGW SALT GLAZED WARE
- CONC CONCRETE

- ELECTRICITY MAJOR TRANSMISSION LINE (QUALITY LEVEL D)
- ELECTRICITY SUBSTATION (QUALITY LEVEL D)

- STORMWATER CHANNEL (QUALITY LEVEL D)

- FOU FULL OF WATER
- FOU FULL OF DIRT
- UTO UNABLE TO OPEN
- NA NOT ACCESSIBLE
- EOT END OF TRACE



REV	DATE	REVISION DETAILS	DRAWN	CHK	APP
A	23.07.2019	BOUNDARIES UPDATED	AF	GE	GE
D	22.08.2019	DRAINAGE BOX CULVERT ALIGNMENT BETWEEN TRENCH 2 AND TRENCH 3 UPDATED	AF	SP	TC
C	19.08.2019	TRENCHING DIAGRAMS ADDED & 0450 DRAINAGE UPDATED	AF	TB/SP	TC
B	29.08.2018	LEGEND UPDATED	JMJ	DAA	GE
A	06.08.2018	INITIAL VERSION	JMJ	DAA	GE

HORIZ. SCALE:	1:200 @ B1	VERT. SCALE:	N/A @ B1
COORDINATES:	MGA	DATUM:	AHD
ORIGIN:	SSM86802	ORIGIN:	SSM86802
SCALE IN METRES AT ORIGINAL REDUCTION RATIO			

NOTES

ADJOINS SHEET 4

CLIENT:	WESTERN SYDNEY UNIVERSITY
SURVEY:	RPS
DRAWN:	JMJ
CHECKED:	DAA
APPROVED:	GE
DATE SURVEY:	JULY 2018
DATE OF PLAN:	06.08.2018
DATE LAST SAVED:	23.07.2020
DATE APPROVED:	06.08.2018

SERVICES PLAN
OVER PART OF BANKSTOWN CIVIC PRECINCT
RICKARD ROAD, BANKSTOWN

JOB No	PR140676	ISSUE	E
www.dialbeforeyoudig.com.au			
 DIAL 1100 BEFORE YOU DIG			
SHEET	3 OF 5 SHEETS	SIZE	E

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LEVEL 13 255 PITT STREET SYDNEY NSW 2000
T: 02 8270 8300 F: 02 9248 9810
www.rpsgroup.com.au

(ABN 44 140 292 763)

GPO BOX 4401 SYDNEY NSW 2001

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PUBLIC UTILITY LEGEND

E.ELEC

- CABLE JUNCTION BOX (PEIB)
- CABLE MANHOLE (PEMH)
- DISTRIBUTION FUSE POINT
- POLE - LIGHT (PLPL)
- POLE - POWER (PPPL)
- POLE - POWER & LIGHT (PLPL)
- POWER SERVICE PILLAR - UNDERGROUND (PEUP)
- TRANSFORMER CHAMBER CENTRE (PETC)
- LIGHT WITH OUTREACH (LI)
- HOUSE CONNECTION (EY)
- CONDUIT (ED) (DIA LINK)
- CONDUIT (ED) (DIA)
- LINE-DIGITISED (EZ)
- LINE-UNDERGROUND (EU)
- LINE-MINOR TRANSMISSION (UL)

E.TCS

- TRAFFIC CONTROL SIGNAL (PSGL)
- TRAFFIC SIGNAL CONTROLLER (PSCL)
- TRAFFIC SIGNAL DETECTOR (PSDR)
- TRAFFIC SIGNAL JUNCTION BOX (PSJX)
- TRAFFIC LIGHT WITH OUTREACH (TO)
- TRAFFIC SIGNAL DETECTOR (SD)

E.COMMS

COMMUNICATIONS

- TELEPHONE DISTRIBUTION PILLAR (PTDP)
- ABOVE GROUND JOINING POST (PTJP)
- OPTICAL FIBRE JUNCTION BOX (POFJ)
- OPTICAL FIBRE PIT (POFP)
- STD 1.1 m BY 1.1 m MAIN PIT (PTMP)
- TELEPHONE BOX POINT (PTBX)
- TELEPHONE POLE (PTPL)
- TELEPHONE SINGLE CONCRETE PIT (PTSP)
- TELEPHONE TRIPLE CONCRETE PIT (PTTP)
- TELEPHONE TWIN CONCRETE PIT (PTTP)
- OPTICAL FIBRE-DIGITISED (OZ)
- OPTICAL FIBRE-UNDERGROUND (OU) (DIA LINK)
- OPTICAL FIBRE-UNDERGROUND (OU) (DIA)
- TELEPHONE LINE (TN) (DIA LINK)
- TELEPHONE LINE (TN) (DIA)
- TELEPHONE LINE-DIGITISED (TZ)
- TELEPHONE CONDUIT (TD) (DIA LINK)
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- TELEPHONE CONDUIT (TD) (DIA)
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E.GAS

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- LAMPHOLE (PSLH)
- MAIN (SM) (DIA LINK)
- MAIN (SM) (DIA)
- MAIN-DIGITISED (SZ)
- HOUSE CONNECTION (SY)

E.DRAIN (STORMWATER)

- DRAINAGE JUNCTION MANHOLE (PDJM)
- GULLY PIT POINT (PGUL)
- INLET TO SUMP (PLI)
- INVERT OF PIPE (PINV)
- TOP OF CONCRETE JUNCTION BOX (PJXB)
- SUBSOIL DRAIN FLUSH POINT (PSFP)
- WEIR INLET (WI)
- DRAINAGE PIT (DP)
- DRAINAGE BOX (DX)
- DRAINAGE PIPE (DU) (DIA LINK)
- DRAINAGE PIPE (DU) (DIA)

E.CULT (CULTURAL)

- SIGN POST (PSN)
- BOLLARD (AC)
- FLOOR LEVEL
- CORNER OF BUILDING
- PARKING METER (PKME)

E.MISC

- GEOTECHNICAL TEST PIT
- GATIC COVER LID (PGAT)
- UNDERGROUND TANK (PUTP)
- UNIDENTIFIED POLE (PPOL)
- UNIDENTIFIED SERVICE (PUSR)
- UNIDENTIFIED PIPELINE (UP)
- UNIDENTIFIED SERVICE (UP)

SUI QUALITY CLASSIFICATION

- (A) QUALITY LEVEL A
- (B) QUALITY LEVEL B
- (C) QUALITY LEVEL C
- (D) QUALITY LEVEL D

UTILITY LEGEND

ELECTRICITY (AUSGRID)

- AC ASBESTOS CEMENT
- GI GALVANISED IRON
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GAS (JEMENA)

- NB NOMINAL BORE (CAST IRON MAN)
- PE POLYETHYLENE

RMS:

- GI GALVANISED IRON
- HD HEAVY DUTY
- PVC POLYVINYL CHLORIDE

TELSTRA & OPTUS:

- AC ASBESTOS CEMENT
- CONC CONCRETE
- EW EARTHENWARE
- GI GALVANISED IRON
- PVC POLYVINYL CHLORIDE

WATER (SYDNEY WATER):

- CICL CAST IRON CEMENT LINED
- DICL DUCTILE IRON CEMENT LINED
- GI GALVANISED IRON
- PVC POLYVINYL CHLORIDE
- VC VITRIFIED CLAY
- SCILB STEEL CEMENT LINED INTERNAL BITUMEN LINED
- PE POLYETHYLENE
- SGW SALT GLAZED WARE
- CONC CONCRETE

LEGEND

- ELECTRICITY MAJOR TRANSMISSION LINE (QUALITY LEVEL D)
- ELECTRICITY SUBSTATION (QUALITY LEVEL D)
- STORMWATER CHANNEL (QUALITY LEVEL D)
- FULL OF WATER
- FOU FULL OF DIRT
- UTO UNABLE TO OPEN
- NA NOT ACCESSIBLE
- EOT END OF TRACE



REVISIONS	E	23.07.2019	BOUNDARIES UPDATED	AF	GE	GE
	D	22.08.2019	DRAINAGE BOX CULVERT ALIGNMENT BETWEEN TRENCH 2 AND TRENCH 3 UPDATED	AF	SP	TC
	C	19.08.2019	TRENCHING DIAGRAMS ADDED & 0450 DRAINAGE UPDATED	AF	TB/SP	TC
	B	29.08.2018	LEGEND UPDATED	JMJ	DAA	GE
	A	06.08.2018	INITIAL VERSION	JMJ	DAA	GE
No.	DATE	REVISION DETAILS		DRAWN	CHK	APP

■ HORIZ. SCALE:	■ VERT. SCALE:
1:200 @ B1	N/A @ B1
■ COORDINATES: MGA	■ DATUM: AHD
■ ORIGIN: SSM86802	■ ORIGIN: SSM86802
4 2 0 4	8 12
	
SCALE IN METRES AT ORIGINAL REDUCTION RATIO	

NOTES

CLIENT:	WESTERN SYDNEY UNIVERSITY
SURVEY:	RPS
DRAWN:	JMJ
CHECKED:	DAA
APPROVED:	GE
DATE OF SURVEY:	JULY 2018
DATE OF PLAN:	06.08.2018
DATE LAST SAVED:	23.07.2020
DATE APPROVED:	06.08.2018

TITLE	SERVICES PLAN OVER PART OF BANKSTOWN CIVIC PRECINCT RICKARD ROAD, BANKSTOWN
DRAWING No.	PR140676-SERVICES-001-E.dwg

JOB No.	PR140676	ISSUE	E
DATE	23.07.2020	DATE	23.07.2020
SHEET	4	OF	5
SIZE	B1	MAKING	COMPLEX

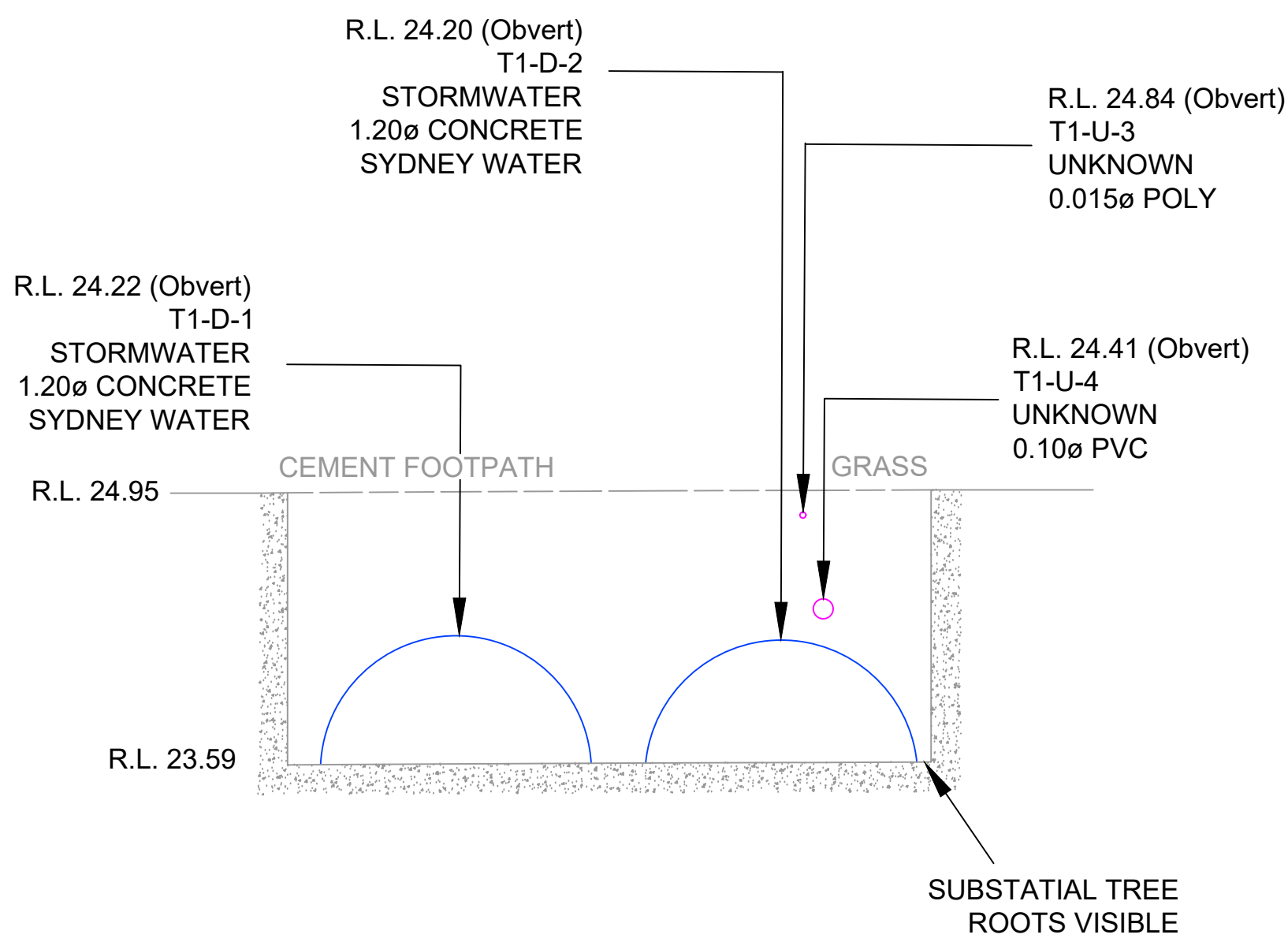
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LEVEL 13 255 PITT STREET SYDNEY NSW 2000
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www.rpsgroup.com.au

(ABN 44 140 292 763)
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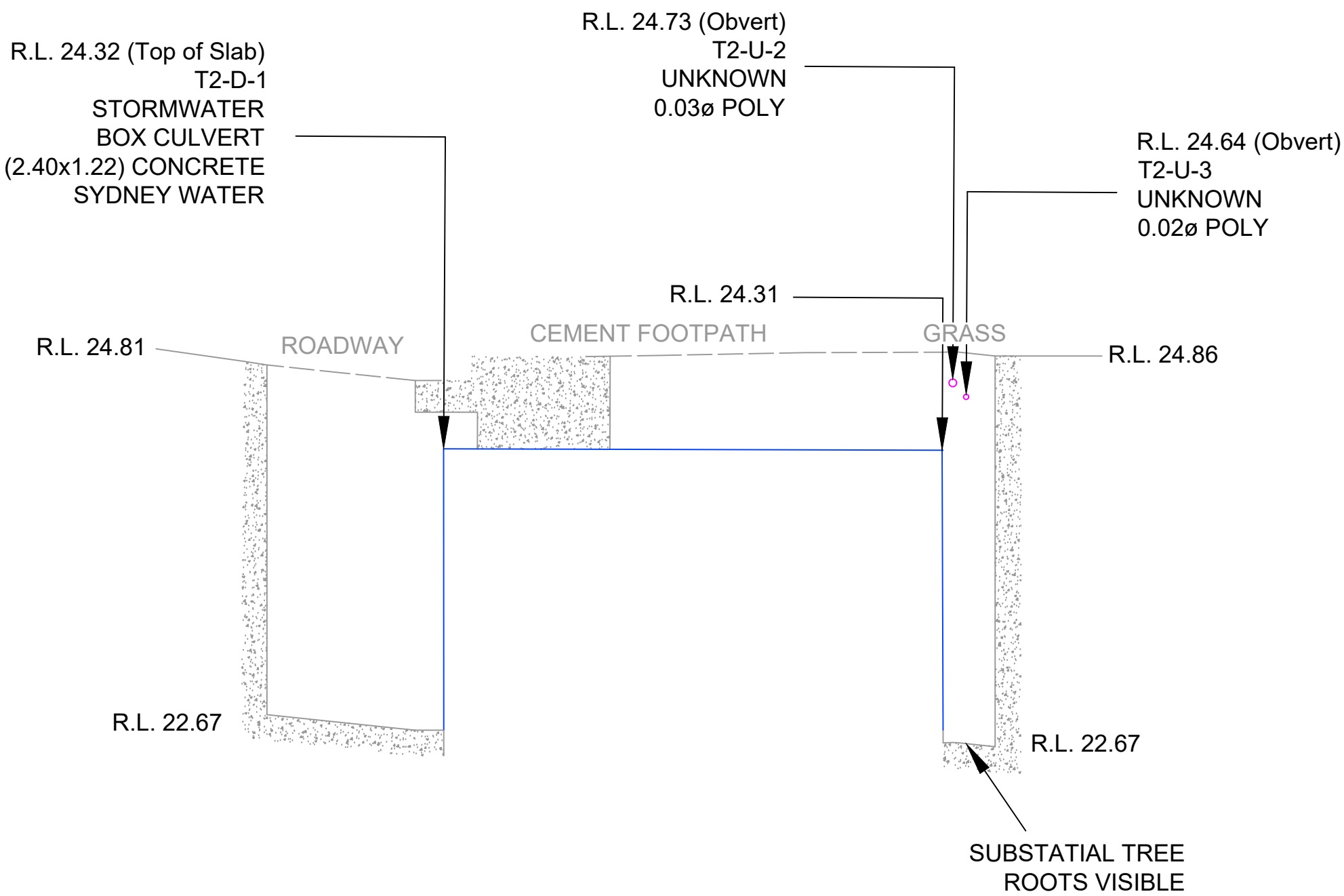
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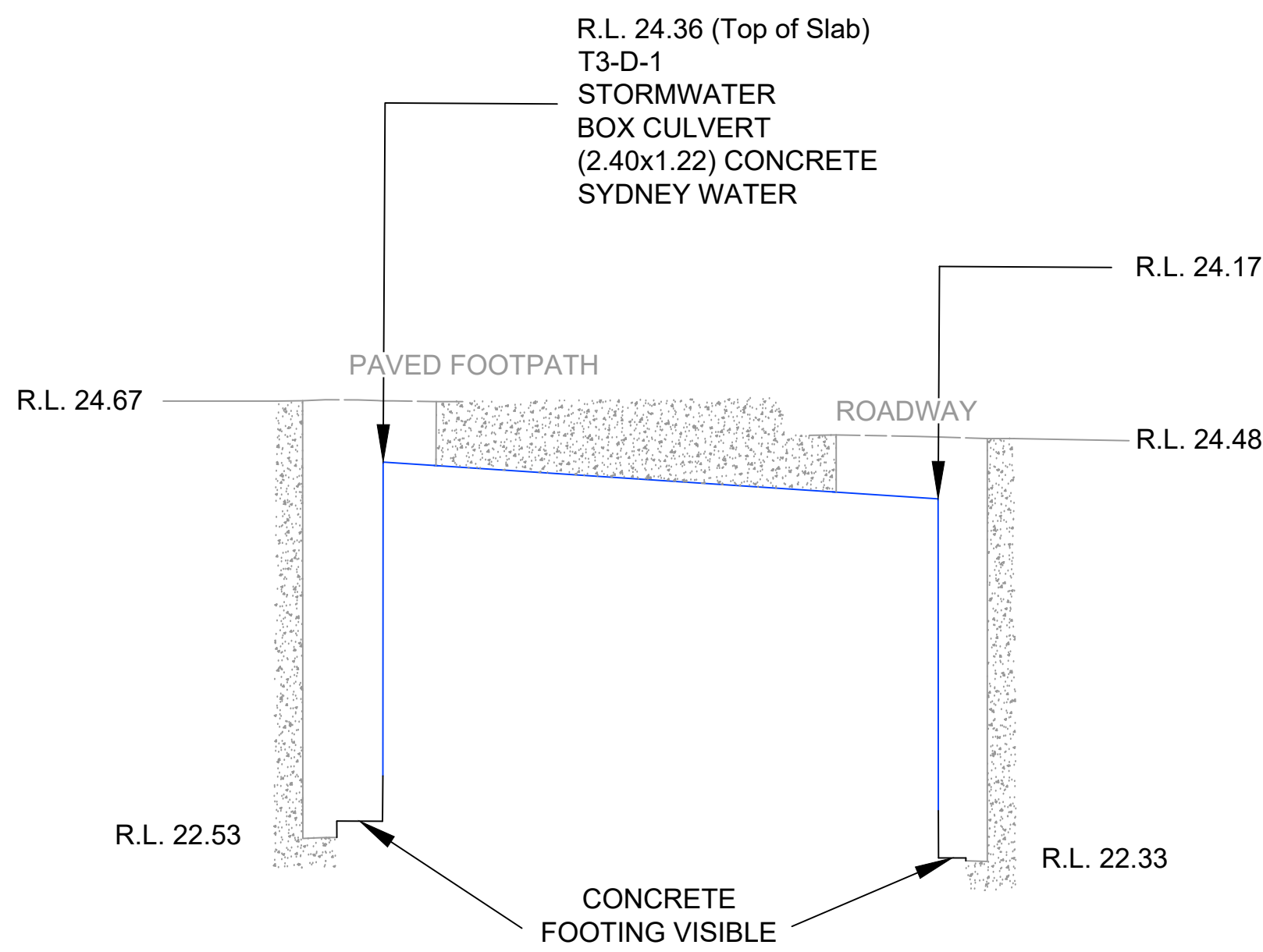
Trench 1

(NOT TO SCALE)



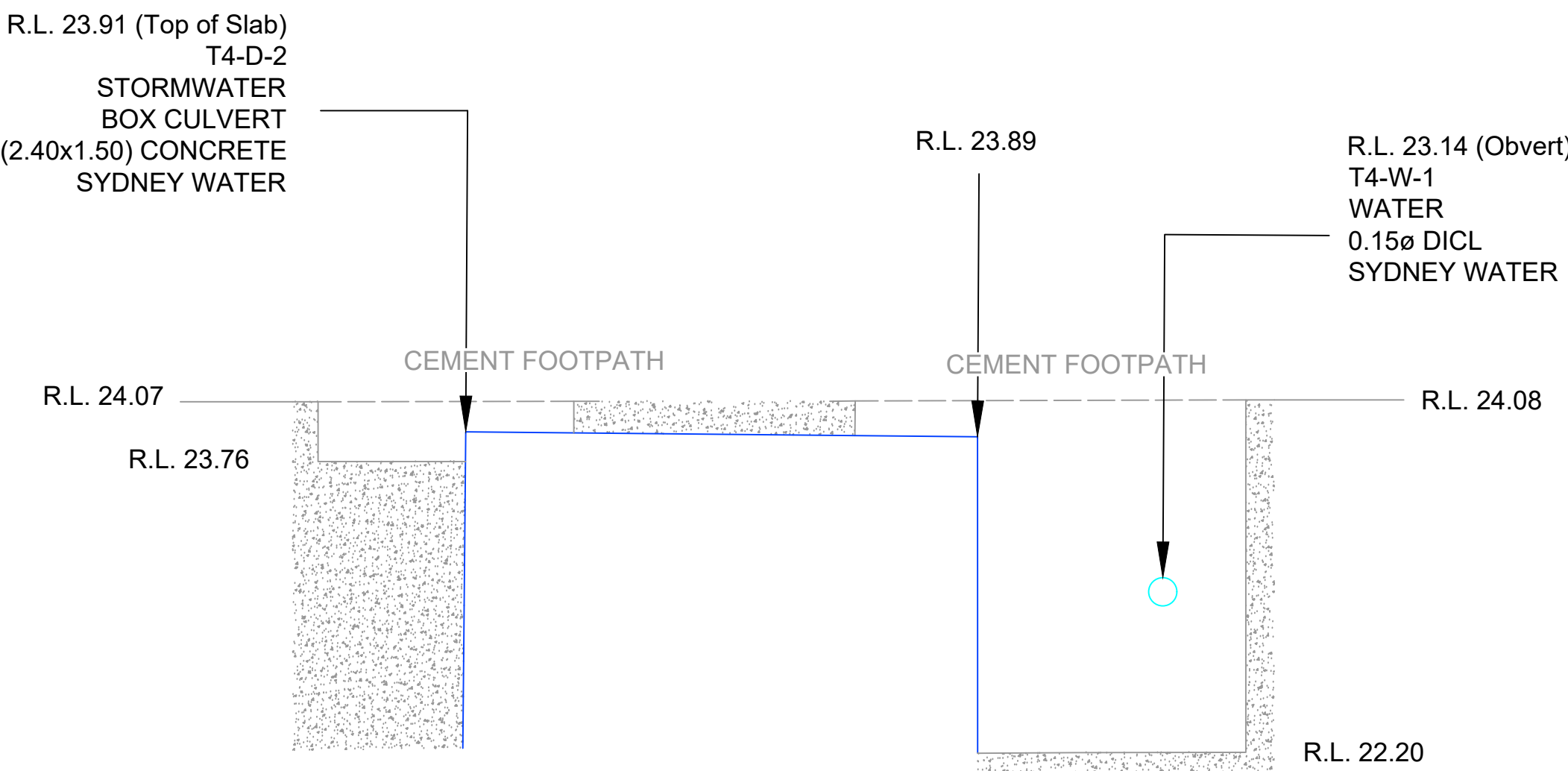
Trench 2

(NOT TO SCALE)



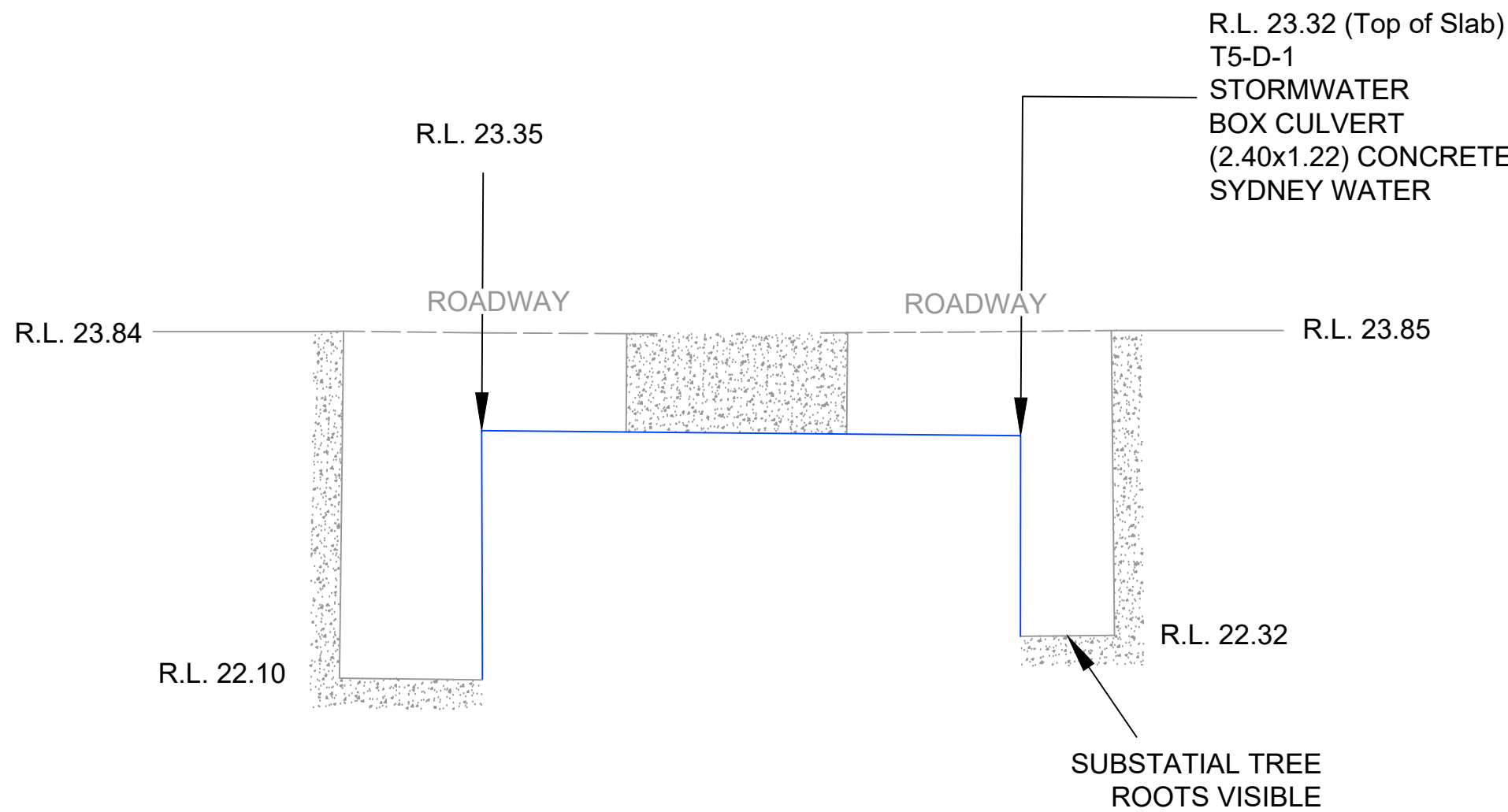
Trench 3

(NOT TO SCALE)



Trench 4

(NOT TO SCALE)



Trench 5

(NOT TO SCALE)

NOTES:

ALL MEASUREMENTS WERE TAKEN TO EXTERNAL FACE OF CULVERTS AND PIPES.

LINE FOR BOX CULVERT DENOTES EXTERNAL FACE.

WITHIN 'TRENCH 3' THE EXTERNAL HORIZONTAL SLAB OF THE (2.40x1.22) BOX CULVERT APPEARS TO BE NOTICEABLY DROPPING TOWARDS THE WEST (ROADWAY).

THIS VERIFIED FROM TWO SEPARATE OBSERVATIONS: SURVEY BY TOTAL STATION AND PHYSICAL MEASUREMENT.

WHERE SUBSTANTIAL TREE ROOTS WERE VISIBLE, TRENCHING DEPTH WAS LIMITED IN THIS AREA.

REV	No	DATE	REVISION DETAILS	DRAWN	CHK	APP
C	16.08.2019	TRENCHING DIAGRAMS ADDED	AF	TB/SP	TC	
	29.08.2018	LEGEND UPDATED	JMJ	DAA	GE	
	06.08.2018	INITIAL VERSION	JMJ	DAA	GE	

HORIZ. SCALE:	N/A @ B1	VERT. SCALE:	N/A @ B1
COORDINATES:	MGA	DATUM:	AHD
ORIGIN:	SSM86802	ORIGIN:	SSM86802

NOTES

SURVEY:	RPS	DATE OF SURVEY:	JULY 2018
DRAWN:	JMJ	DATE OF PLAN:	06.08.2018
CHECKED:	DAA	DATE LAST SAVED:	23.07.2020
APPROVED:	GE	DATE APPROVED:	06.08.2018

TITLE	SERVICES PLAN OVER PART OF BANKSTOWN CIVIC PRECINCT RICKARD ROAD, BANKSTOWN
CLIENT:	
DRAWING No	PR140676-SERVICES-001-E.dwg

JOB No	PR140676	ISSUE	C
SHEET	5 OF 5	SHEETS	B1
DATE	23.07.2020	TIME	2:17 PM

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RPS AUSTRALIA EAST PTY LTD (ABN 44 140 292 762)
LEVEL 13 255 PITT STREET SYDNEY NSW 2000 GPO BOX 4401 SYDNEY NSW 2001
T: 02 8270 8300 F: 02 9248 9810 www.rpsgroup.com.au

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