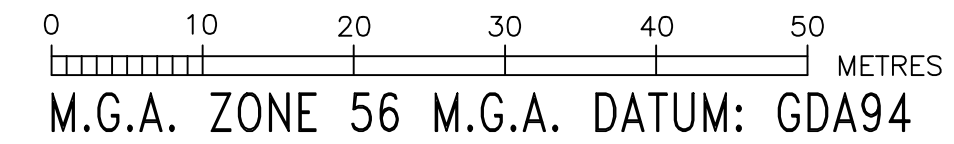


DEVELOPER CONTRACT PLAN WORK-AS-CONSTRUCTED



1. DESIGNER AND WATER SERVICING COORDINATOR:
QALCHEK PTY LTD (CERTIFIED No.289)
UNIT 2, LEVEL 1, 15-17 DAVID ROAD, EMU PLAINS 2750
PH. No. (02) 4722 8181

FOR:
WOORONG PARK PTY LTD c/o J WYNDHAM PRINCE
580 HIGH STREET, PENRITH, NSW 2750
PH. No. (02) 4720 3300
2. THE WORKS AND MATERIALS ARE IN ACCORDANCE WITH THE WATER SUPPLY CODE OF AUSTRALIA (WSA 03-2011-3.1) INCLUDING THE SYDNEY WATER SUPPLEMENT (2014) AND APPENDICES.
3. MAINS LAID GENERALLY AS SHOWN AT STANDARD DEPTH BELOW KERB INLET EXCEPT WHERE OTHERWISE SHOWN.
4. ALL EXCAVATION, SHORING EXCAVATION AND STABILITY OF ADJACENT STRUCTURES/SERVICES/DWELLINGS IS THE RESPONSIBILITY OF THE CONSTRUCTOR.
5. PRECAUTIONS MAY BE NECESSARY IN THE VICINITY OF SUB-STATION EARTHING.
6. ALL BUILDING LAYOUTS, FINISHED SURFACE LEVELS, STORMWATER INFORMATION, AND GENERAL CIVIL ENGINEERING DETAILS TAKEN FROM:
CIVIL ENGINEERING AND STORMWATER:
998511CC-P6C ROAD AND LOT BASE_200514.DWG,
998511 PCT 6C DRAINAGE.dwg,
998511 PCT 6C ALIGNMENTS.dwg
(PROVIDED BY JMP 14.05.2020)

SURFACE INFORMATION:
PRECINCT 6C DESIGN AND EXISTING 200514.dwg (PROVIDED BY JWP 14.05.2020)

7. CONDITIONS FOR EMBEDMENT, BACKFILL AND TESTING REQUIREMENTS ARE AS FOLLOWS:

- ALL POTABLE WATER ROAD CARRIAGEWAY CROSSINGS FOR EXISTING AND NEW ROADS BEDDED AND BACKFILLED WITH SAND/CEMENT. SAND/CEMENT RATIO 14:1 AND IS PLACED DRY.

- FOR ANY WATERMAIN LOCATED WITHIN 1.0m OF A ROAD SHOULDER OR KERB AND GUTTER IN THE VERGE OR FOOTPATH THE EMBEDMENT AND BACKFILL WAS COMPACTED TO A DENSITY INDEX OF 95%. ALL TESTS (EMBEDMENT AND BACKFILL) DONE AS FOR TRAFFICABLE AREA.

THE MINIMUM NUMBER OF FIELD COMPACTION TESTS CONDUCTED TO SATISFY THE CONDITIONS ABOVE AS WELL AS THE WATER SUPPLY CODE OF AUSTRALIA ARE:

PIPE EMBEDMENT ZONE: 0 TESTS CONDUCTED (LETTER PROVIDED)

TRENCH FILL ZONE (TRAFFICABLE): 4 TESTS CONDUCTED

TRENCH FILL ZONE PROPERTY SERVICES: 0 TESTS CONDUCTED

COMPACTION TESTS - TOTAL: 4 TESTS CONDUCTED

8. ALL PROPERTY (MAIN TO METER) SERVICES ARE CONSTRUCTED TO SYDNEY WATER'S INSTALLATION REQUIREMENTS BY A LICENSED PLUMBER AND ACCREDITED DRILLER. THE WORKS ARE INSTALLED IN ACCORDANCE WITH THE CURRENT SYDNEY WATER PROPERTY SERVICE (MAIN TO METER) INSTALLATIONS TECHNICAL REQUIREMENTS, NSW CODE OF PRACTICE FOR PLUMBING AND DRAINAGE, AND AS/NZ 3500.
9. THE WORKS ARE CONSTRUCTED IN ACCORDANCE WITH SYDNEY WATER'S DEEMED TO COMPLY DRAWINGS:
 - FOR HORIZONTAL BENDS TYPE 2 DTC-1111 (ISSUE B 29.02.12)
 - FOR TAPERS DTC-1112 (ISSUE B 29.02.12)
 - FOR TEES DTC-1113 (ISSUE B 29.02.12)
 - FOR VERTICAL BENDS & HYDRANT BENDS DTC-1114 (ISSUE A 31.01.12)
 - FOR CROSSING DTC-1124 (ISSUE A 31.01.12)
10. ALL ROAD CROSSINGS AND ALL MAINS LOCATED WITHIN ROAD CARRIAGEWAYS ARE BACKFILLED WITH SAND/CEMENT AT A RATIO OF 14:1. MINIMUM COVER OF SAND CEMENT BACKFILL ON POTABLE WATERMAIN IS 300mm. ALL TRENCHES OTHER THAN IN CARRIAGEWAY ARE BACKFILLED AS FOR A TRAFFICABLE AREA. REFER TO SECTION 17 OF WSA 03-2011-3.1,
11. BULKHEADS CONSTRUCTED AT EACH KERB CROSSING TO WAT-1209.

SHEET 2

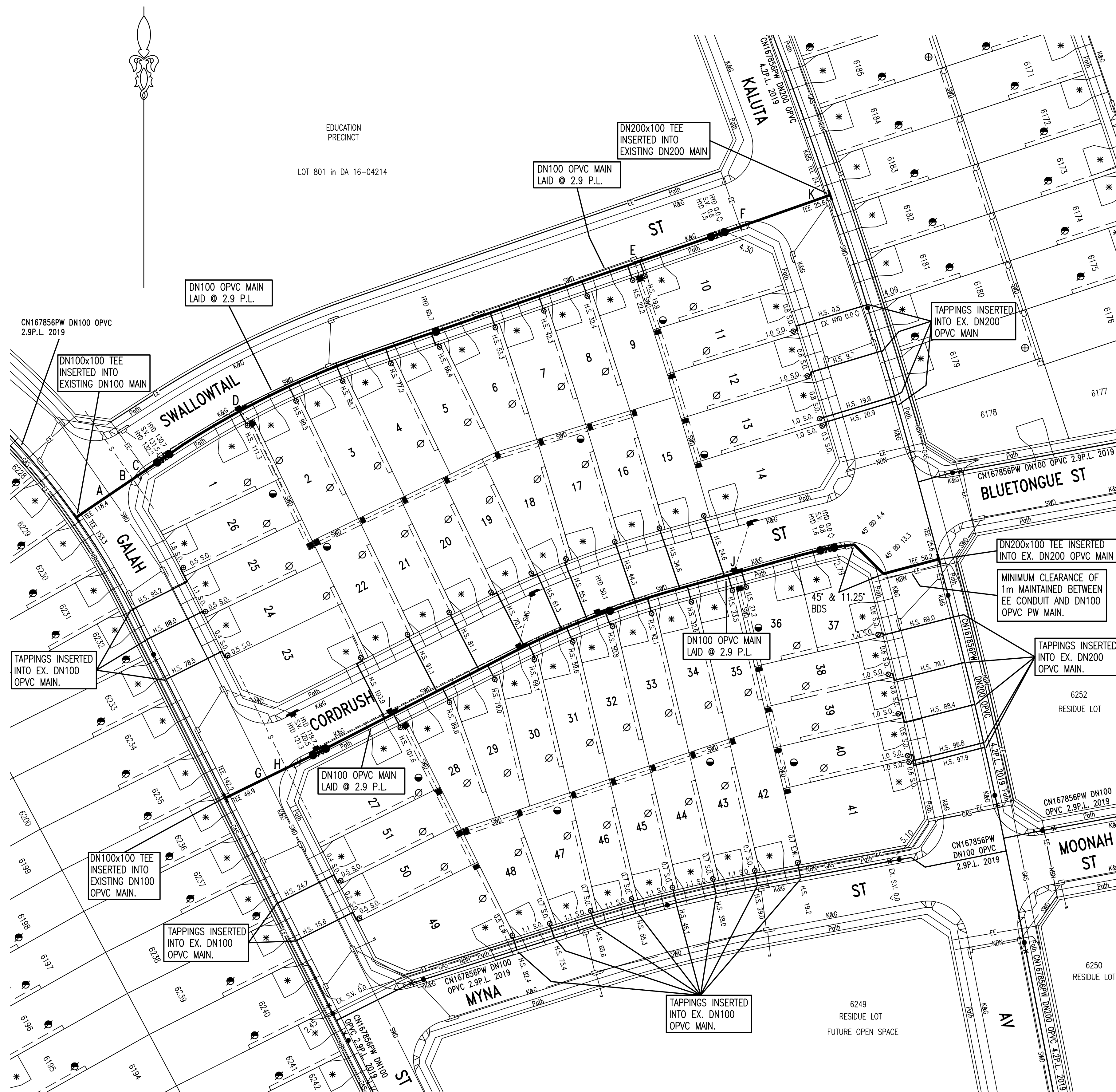
LOCALITY PLAN & BENCHMARK DIAGRAM

(NOT TO SCALE)

1.	WORK AS CONSTRUCTED	J.V.	30.11.20
D	CHANGE IN LOCATION OF ONE CONNECTION POINT IN KALUTA AV	F.J.	21.09.20
C	MINOR CHANGE IN ONE CONNECTION POINT AND ONE TAPPING LOCATION	F.J.	09.07.20
B	ISSUE FOR APPROVAL	F.J.	18.05.20
A	LAYOUT FOR CLIENT REVIEW	F.J.	22.04.20
No.	AMENDMENT DESCRIPTION	BY	DATE


[illegible]

CROSSING	SERVICE	SERVICE SIZE	PW SIZE	SERVICE COVER (m)	PW COVER (m)	CLEARANCE (m)	COMMENT/DTC
'A'	SWD	DN825	DN100	1.80	0.75	0.90	N/A
'B'	Sewer	DN150	DN100	3.40	0.75	2.65	N/A
'C'	EE	DN125x4	DN100	0.95	0.60	0.25	N/A
'D'	SWD	DN375	DN100	1.08	0.75	0.18	N/A
'E'	SWD	DN375	DN100	1.09	0.75	0.19	N/A
'F'	EE	DN125x4	DN100	0.95	0.60	0.25	N/A
'G'	SWD	DN825	DN100	1.93	0.75	1.03	N/A
'H'	Sewer	DN150	DN100	2.90	0.75	2.15	N/A
'I'	SWD	DN375	DN100	1.18	0.75	0.28	N/A
'J'	SWD	DN375	DN100	1.09	0.75	0.19	N/A
'K'	SWD	DN375	DN100	1.52	0.75	0.67	N/A



- | | |
|---|---|
| Ø | EASEMENT FOR ACCESS AND MAINTENANCE 0.9 WIDE |
| ⊙ | EASEMENT TO DRAIN WATER 1.5 WIDE |
| * | DRIVEWAY |
| ⊗ | EXISTING EASEMENT FOR ACCESS AND MAINTENANCE 0.9 WIDE |
| ⊕ | EXISTING EASEMENT TO DRAIN WATER 1.5 WIDE |

1	WORK AS CONSTRUCTED	J.V.	30.11.20
D	CHANGE IN LOCATION OF ONE CONNECTION POINT IN KALUTA AV	F.J.	21.09.20
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A	LAYOUT FOR CLIENT REVIEW	F.J.	22.04.20
No.	AMENDMENT DESCRIPTION	BY	DATE

WORK AS CONSTRUCTED CERTIFICATION		 SYDNEY WATER CORPORATION		
DEVELOPER	WOORONG PARK PTY LTD	Sydney WATER	Case No. 182371PW	SHT 2 OF 2 SHTS.
W.S.C.	QALCHECK PTY LTD			
CONSTRUCTOR	C.J. DOYLE CONTRACTING			
COMPLETED	20.11.2020			
W.A.C. PREPARED	30.11.2020			
DESIGNER QALCHECK PTY LTD		SYDNEY WATER CORPORATION		
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SYDNEY WATER ACT 2017 AND THE SYDNEY WATER BYLAWS 2018.		FOR DETAILS OF SERVICES SEE SHEET 1		