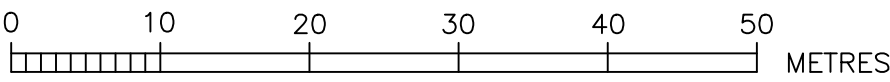
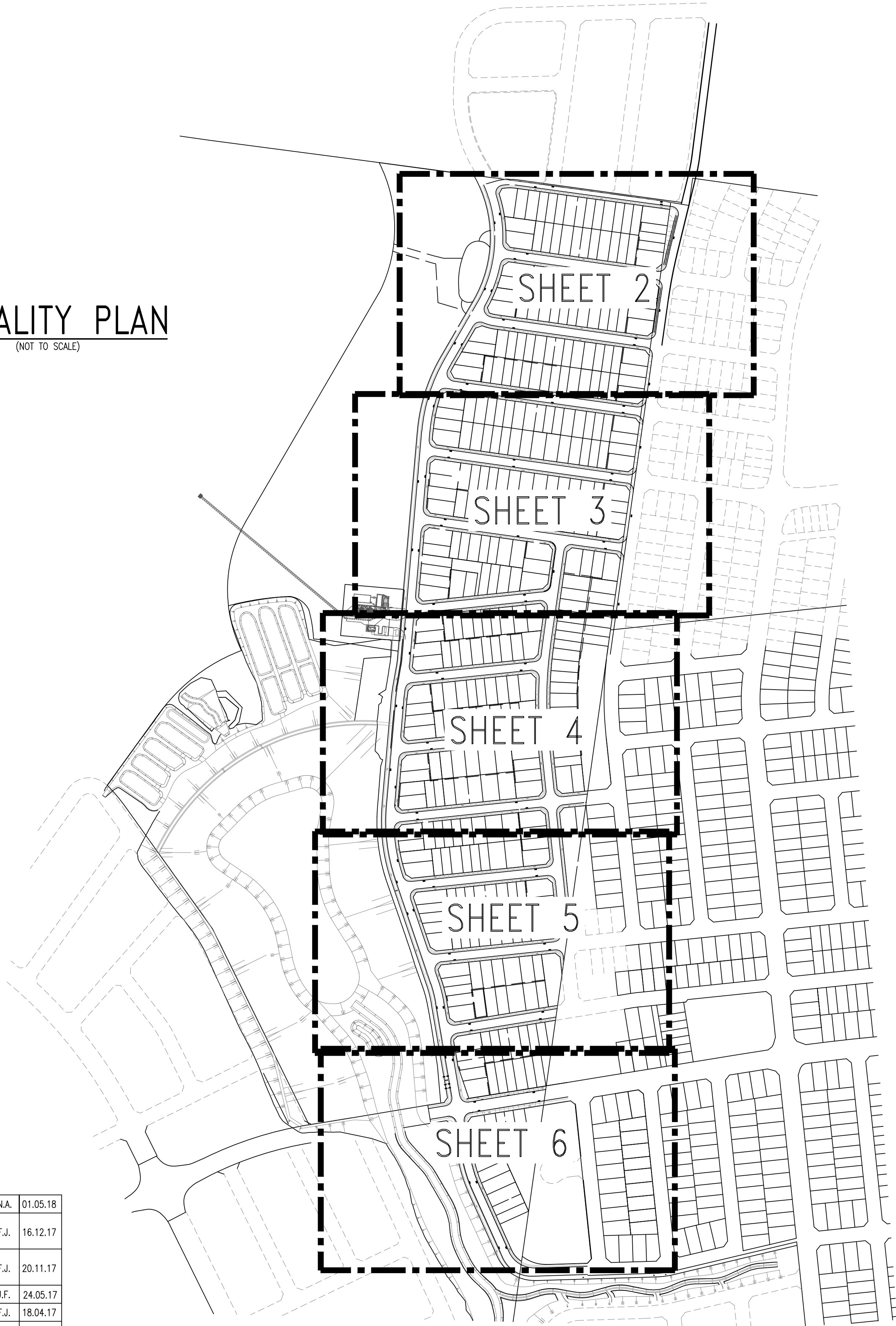




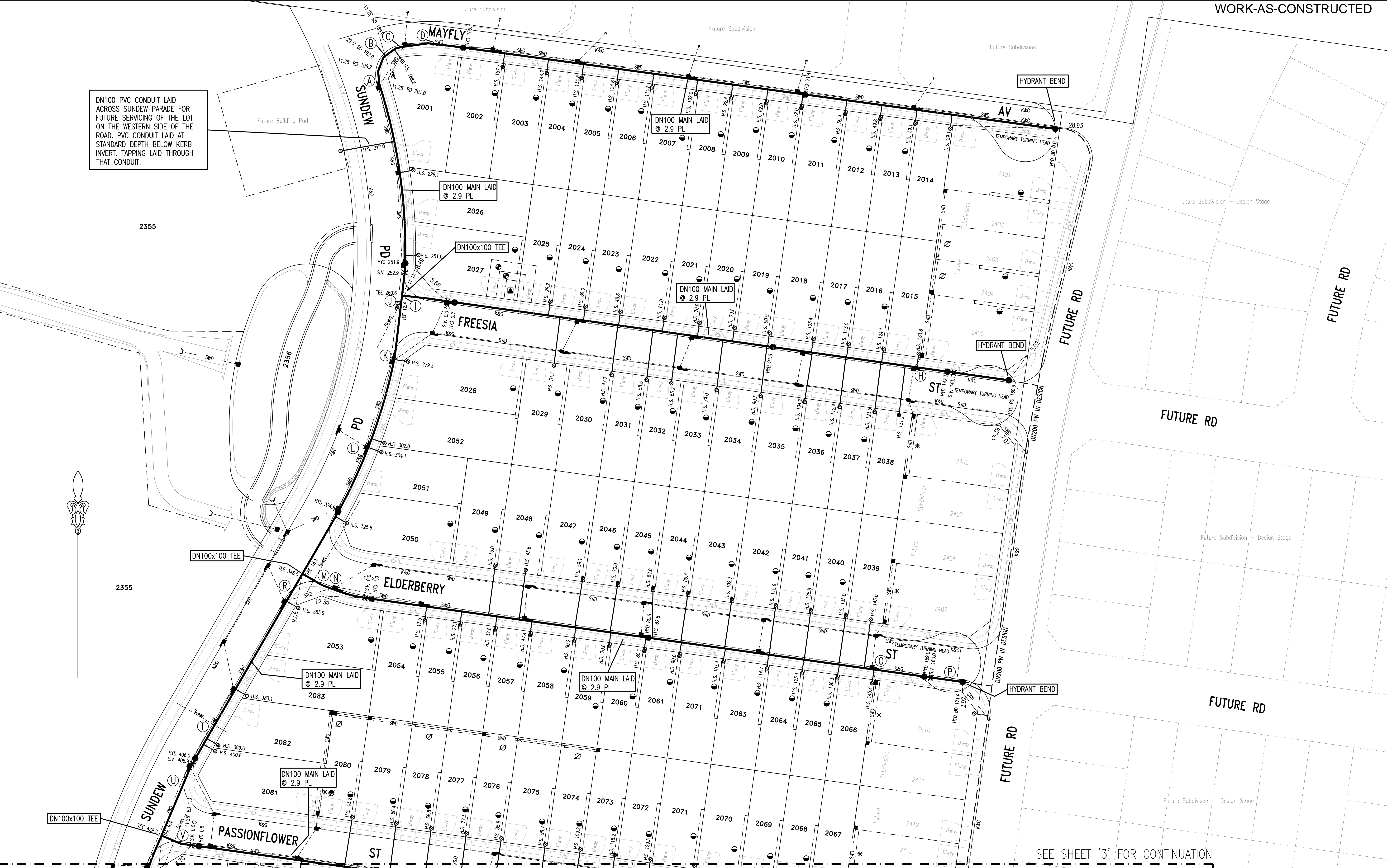
LOCALITY PLAN  
(NOT TO SCALE)



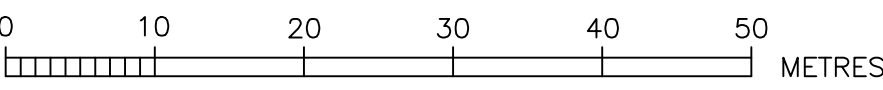
1. DESIGNER AND WATER SERVICING COORDINATOR:  
QALCHEK PTY LTD (CERTIFIED No.289)  
77 UNION RD, PENRITH NSW 2750  
PH. No. (02) 4722 8181
- FOR:  
WOORONG PARK PTY LTD  
c/o J WYNDHAM PRINCE  
580 HIGH STREET, PENRITH, NSW, 2750  
PHONE 02 4720 3341 (CHRIS MUDIE, PROJECT MANAGER JWP)
2. THE WORKS AND 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 2.9m P.L. AT STANDARD DEPTH BELOW KERB INLET EXCEPT WHERE OTHERWISE SHOWN.
4. ALL BUILDING LAYOUTS, FINISHED SURFACE LEVELS, STORMWATER INFORMATION, AND GENERAL CIVIL ENGINEERING DETAILS TAKEN FROM:  
STORMWATER: 998506CC NEWPARK DRAINAGE LONG SECTION BASE.DWG (PROVIDED BY JWP 13.04.2017)  
CIVIL ENGINEERING: 998506CCBASE.DWG (PROVIDED BY JWP 13.04.2017)  
LOT LAYOUT: 998506CCBASE.DWG (PROVIDED BY JWP 13.04.2017), UPDATED WITH TURNING CIRCLES ON 13.11.2017, 998506CC08.DWG  
SURFACE INFORMATION: 998506CCDTM-NEWPARK.DWG (PROVIDED BY JWP 13.04.2017)
5. THE MINIMUM NUMBER OF FIELD COMPACTION TESTS CONDUCTED TO SATISFY THE WATER SUPPLY CODE OF AUSTRALIA ARE:
- PIPE EMBEDMENT ZONE: 39 TESTS CONDUCTED
- TRENCH FILL ZONE (TRAFFICABLE): SEE NOTE 9
- TRENCH FILL ZONE (NON TRAFFICABLE): 39 TESTS CONDUCTED
- TRENCH FILL ZONE PROPERTY SERVICES: 0 TESTS CONDUCTED (LETTER PROVIDED)
- TRENCH FILL ZONE - TOTAL: 39 TESTS CONDUCTED
7. ALL PROPERTY (MAIN TO METER) SERVICES WERE CONSTRUCTED TO SYDNEY WATER'S INSTALLATION REQUIREMENTS BY A LICENSED PLUMBER AND ACCREDITED DRILLER. THE WORKS WERE 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.
8. CONSTRUCTOR ENSURED THAT 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)
9. ALL ROAD CROSSINGS AND ALL MAINS LOCATED WITHIN ROAD CARRIAGEWAYS OF ROADS WERE BACKFILLED WITH SAND/CEMENT. SAND/CEMENT RATIO IS 14:1. MINIMUM COVER OF SAND CEMENT BACKFILL ON POTABLE WATERMAIN IS 300mm IF REMAINDER OF TRENCH IS BACKFILLED AS PER CIVIL DESIGN SPECIFICATION. ALL TRENCHES OTHER THAN IN CARRIAGEWAY ARE BACKFILLED AS FOR A TRAFFICABLE AREA (REFER TO SECTION 17 OF WSA 03-2011-3.1, CONSTRUCTOR OBTAINED APPROVAL FOR BACKFILL FROM FUTURE ROAD OWNER, PROOF OF APPROVAL PROVIDED).
10. BULKHEADS AT EACH KERB CROSSING TO WAT-1209
11. ALL REDUNDANT SURFACE FITTINGS AND INDICATOR PLATES
12. EXISTING 348m OF DN100 OPVC CN.146156PW 2016 VAR PL 'A'-B' DISUSED & REMOVED.

0	WORK AS CONSTRUCTED	N.A.	01.05.18
F	CONNECTIONS IN ELARA BLVD MOVED, NOTE 21 AMENDED, TEMPORARY MAIN NOW BURIED, LOCATION OF END OF EXISTING DN200 ALTERD	F.J.	16.12.17
E	TEMP. MAIN ADDED, MAINS UPSIZED AS PER JACOBS REPORT FOR THE MARSDEN PARK PRECINCT	F.J.	20.11.17
D	ISSUE FOR APPROVAL	J.F.	24.05.17
C	ISSUE FOR TENDER	F.J.	18.04.17
B	AMENDMENTS AS PER CLIENT REQUEST	F.J.	08.03.17
A	MASTERPLAN FOR CLIENT REVIEW	F.J.	03.03.17
No.	AMENDMENT DESCRIPTION	BY	DATE

PLAN TO BE READ IN CONJUNCTION WITH CURRENT SYDNEY WATER STANDARDS SYDNEY WATER CORPORATION	UTILITIES						WORK AS CONSTRUCTED CERTIFICATION						PIPE SCHEDULE				AUSTRALIAN HEIGHT DATUM	NO AMENDMENTS ARE TO BE MADE TO THIS PLAN WITHOUT REFERENCE TO SYDNEY WATER. THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY.	<div>Sydney WATER</div> <div>SYDNEY WATER CORPORATION</div>
	TYPE	DATE	REF.	TYPE	DATE	REF.	DEVELOPER	WOORONG PARK PTY LTD	SIZE DN	TYPE	CLASS	LENGTH	PIPE JOINING METHOD / NOTES						
STORMWATER: SWD --- SWD	13.04.17	ENG. PLANS					WATER SERVICE CO-ORDINATOR QALCHEK PTY LTD	200	O.P.V.C	PN16	895.3	RRJ	SCALES						
SEWER: S --- S	24.05.17	DESIGN					CONSTRUCTOR C J DOYLE CONTRACTING SERVICES PTY LTD	100	O.P.V.C	PN16	2819.8	RRJ		PLAN 1:500 SECTION { HOR. . . . . VERT. . . . .					
PRIOR TO COMMENCEMENT OF EXCAVATION FOR PROPOSED AND EXISTING SERVICES CONTACT :-							COMPLETED 24.04.2018 W.A.C. PREPARED 01.05.2018						CROSS SECTIONS . . . . . NATURAL						
DIAL BEFORE YOU DIG Ph. 1100							DESIGNER QALCHEK PTY LTD							LENGTHS, DEPTHS & LEVELS ARE IN METRES.					
ELECTRICITY Ph. . . . .							I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS.	DESIGN HEAD 120 m	BOUNDARY TRAPS REQUIRED.				SHEET . 1 . OF . 7 . File No. N/A						
GAS Ph. . . . .														WATERMAIN EXTENSION ELARA BV & OTHERS MARSDEN PARK BLACKTOWN					
TELECOMMUNICATIONS Ph. . . . .																			
SYDNEY WATER Ph. 132 092																			
GIVING AT LEAST 48 HOURS NOTICE.																			



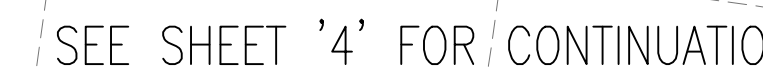
E	TEMP. MAIN ADDED, MAINS UPSIZED AS PER JACOBS REPORT FOR THE MARSDEN PARK PRECINCT	F.J.	20.11.17		
D	ISSUE FOR APPROVAL	J.F.	24.05.17		
C	ISSUE FOR TENDER	F.J.	18.04.17	0	WORK AS CONSTRUCTED
B	AMENDMENTS AS PER CLIENT REQUEST	F.J.	08.03.17	F	CONNECTIONS IN ELARA BLVD MOVED, NOTE 21 AMENDED, TEMPORARY MAIN NOW BURIED, LOCATION OF END OF EXISTING DN200 ALTERD
A	MASTERPLAN FOR CLIENT REVIEW	F.J.	03.03.17		
No.	AMENDMENT DESCRIPTION	BY	DATE	No.	AMENDMENT DESCRIPTION









- EASEMENT FOR ACCESS AND MAINTENANCE 0.9 WIDE
- EASEMENT FOR ACCESS AND MAINTENANCE 1.5 WIDE
- EASEMENT TO DRAIN WATER 0.9 WIDE
- EASEMENT TO DRAIN WATER 1.5 WIDE
- EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE
- RESTRICTION ON THE USE OF LAND

WORK AS CONSTRUCTED CERTIFICATION		Sydney WATER	
DEVELOPER	WOORONG PARK PTY LTD.	Case No.	161560 PW
W.S.C.	QALCHEK PTY LTD.	SHT	2 OF 7 SHTS.
CONSTRUCTOR	C J DOYLE CONTRACTING PTY LTD.		
COMPLETED	24.04.18		
W.A.C. PREPARED	01.05.18		
DESIGNER	QALCHEK PTY LTD.		
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS		FOR DETAILS OF SERVICES SEE SHEET 1	



ISSUED: 01.05.18



	EASEMENT FOR ACCESS AND MAINTENANCE 0.9 WID
	EASEMENT FOR ACCESS AND MAINTENANCE 1.5 WID
	EASEMENT TO DRAIN WATER 0.9 WIDE
	EASEMENT TO DRAIN WATER 1.5 WIDE
	EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE
	RESTRICTION ON THE USE OF LAND

WORK AS CONSTRUCTED CERTIFICATION

Sydney  
**WATER**

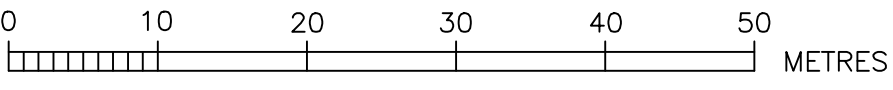
Case No. 161560 PW	SHT 4 OF 7 SHTS
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SYDNEY WATER CORPORATION  
FOR DETAILS OF SERVICES SEE SHEET 1





E	TEMP. MAIN ADDED, MAINS UPSIZED AS PER JACOBS REPORT FOR THE MARSDEN PARK PRECINCT	F.J.	20.11.17		
D	ISSUE FOR APPROVAL	F.J.	24.05.17		
C	ISSUE FOR TENDER	F.J.	18.04.17	0	WORK AS CONSTRUCTED
B	AMENDMENTS AS PER CLIENT REQUEST	F.J.	08.03.17	F	CONNECTIONS IN ELARA BLVD MOVED, NOTE 21 AMENDED, TEMPORARY MAIN NOW BURIED, LOCATION OF END OF EXISTING DN200 ALTERD
A	MASTERPLAN FOR CLIENT REVIEW	F.J.	03.03.17		
No.	AMENDMENT DESCRIPTION	BY	DATE	No.	AMENDMENT DESCRIPTION



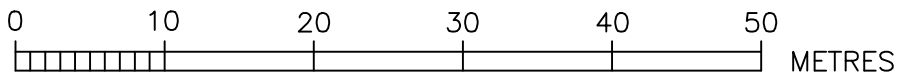
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- EASEMENT TO DRAIN WATER 1.5 WIDE
- EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE
- RESTRICTION ON THE USE OF LAND

WORK AS CONSTRUCTED CERTIFICATION	
DEVELOPER	WOORONG PARK PTY LTD.
W.S.C.	QALCHECK PTY LTD.
CONSTRUCTOR	C J DOYLE CONTRACTING PTY LTD.
COMPLETED	24.04.18
W.A.C. PREPARED	01.05.18
DESIGNER	QALCHECK PTY LTD.
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS	

Sydney WATER	
Case No. 161560 PW	SHT 5 OF 7 SHTS.
SYDNEY WATER CORPORATION	
FOR DETAILS OF SERVICES SEE SHEET 1	



E	TEMP. MAIN ADDED, MAINS UPSIZED AS PER JACOBS REPORT FOR THE MARSDEN PARK PRECINCT	F.J.	20.11.17		
D	ISSUE FOR APPROVAL	F.J.	24.05.17		
C	ISSUE FOR TENDER	F.J.	18.04.17	0	WORK AS CONSTRUCTED
B	AMENDMENTS AS PER CLIENT REQUEST	F.J.	08.03.17	F	CONNECTIONS IN ELARA BLVD MOVED, NOTE 21 AMENDED, TEMPORARY MAIN NOW BURIED, LOCATION OF END OF EXISTING DN200 ALTERD
A	MASTERPLAN FOR CLIENT REVIEW	F.J.	03.03.17		
No.	AMENDMENT DESCRIPTION	BY	DATE	No.	AMENDMENT DESCRIPTION



- EASEMENT FOR ACCESS AND MAINTENANCE 0.9 WIDE
- EASEMENT FOR ACCESS AND MAINTENANCE 1.5 WIDE
- EASEMENT TO DRAIN WATER 0.9 WIDE
- EASEMENT TO DRAIN WATER 1.5 WIDE
- EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE
- RESTRICTION ON THE USE OF LAND

WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	WOORONG PARK PTY LTD	<b>Sydney WATER</b>	
W.S.C.	QALCHEK PTY LTD		
CONSTRUCTOR	C J DOYLE CONTRACTING PTY LTD	Case No. 161560 PW   SHT 6 OF 7 SHTS.	
COMPLETED	24.04.18	FOR DETAILS OF SERVICES SEE SHEET 1	
W.A.C. PREPARED	01.05.18		
DESIGNER	QALCHEK PTY LTD	SYDNEY WATER CORPORATION	
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS		FOR DETAILS OF SERVICES SEE SHEET 1	

SERVICES CROSSING TABLE SHEET 2 – MAIN LAID OVER UNLESS NOTED OTHERWISE

CROSSING	SERVICE	SERVICE SIZE	PW SIZE	SERVICE COVER (m)	PW COVER (m)	CLEARANCE (m)	REFER TO DTC DRAWING No.
'A'	SWD	DN525	DN100	1.33	0.60	0.63	N/A
'B'	Sewer	DN225	DN100	4.40	0.60	3.70	N/A
'C'	SWD	DN525	DN100	1.16	0.60	0.46	N/A
'D'	SWD	DN525	DN100	1.02	0.60	0.32	N/A
'E'	CROSSING REMOVED						
'F'	CROSSING REMOVED						
'G'	CROSSING REMOVED						
'H'	SWD	DN375	DN100	1.10	0.60	0.40	N/A
'I'	Sewer	DN225	DN100	4.46	0.60	3.76	N/A
'J'	Sewer	DN225	DN100	4.38	0.60	3.68	N/A
'K'	SWD	DN525	DN100	1.07	0.60	0.37	N/A
'L'	SWD	DN375	DN100	1.08	0.60	0.38	N/A
'M'	Sewer	DN150	DN100	3.80	0.60	3.10	N/A
'N'	SWD	DN600	DN100	1.15	0.60	0.45	N/A
'O'	SWD	DN375	DN100	1.10	0.60	0.40	N/A
'P'	SWD	DN375	DN100	1.10	0.60	0.40	N/A
'Q'	CROSSING REMOVED						
'R'	SWD	DN600	DN100	1.25	0.60	0.55	N/A
'S'	CROSSING REMOVED						
'T'	Sewer	DN150	DN100	2.80	0.60	2.10	N/A
'U'	SWD	DN525	DN100	1.16	0.60	0.46	N/A
'V'	Sewer	DN150	DN100	2.75	0.60	2.05	N/A

SERVICES CROSSING TABLE SHEET 5 – MAIN LAID OVER UNLESS NOTED OTHERWISE

CROSSING	SERVICE	SERVICE SIZE	PW SIZE	SERVICE COVER (m)	PW COVER (m)	CLEARANCE (m)	REFER TO DTC DRAWING No.
'AZ'	SWD	DN375	DN100	1.09	0.60	0.39	N/A
'BA'	Sewer	DN150	DN200	2.35	0.60	1.55	N/A
'BB'	SWD	DN525	DN200	1.15	0.60	0.35	N/A
'BC'	Sewer	DN150	DN100	2.20	0.60	1.50	N/A
'BD'	SWD	DN375	DN100	1.10	0.60	0.40	N/A
'BE'	SWD	DN375	DN100	1.10	0.60	0.40	N/A
'BF'	SWD	DN450	DN200	1.16	0.60	0.36	N/A
'BG'	SWD	DN450	DN100	1.15	0.60	0.45	N/A
'BH'	SWD	DN750	DN200	1.20	0.60	0.40	N/A
'BI'	Sewer	DN150	DN100	3.10	0.60	2.40	N/A
'BJ'	SWD	DN750	DN100	1.23	0.60	0.53	N/A

SERVICES CROSSING TABLE SHEET 3 – MAIN LAID OVER UNLESS NOTED OTHERWISE

CROSSING	SERVICE	SERVICE SIZE	PW SIZE	SERVICE COVER (m)	PW COVER (m)	CLEARANCE (m)	REFER TO DTC DRAWING No.
'W'	SWD	DN375	DN100	1.10	0.60	0.40	N/A
'X'	SWD	DN375	DN100	1.10	0.60	0.40	N/A
'Y'	CROSSING REMOVED						
'Z'	SWD	DN375	DN100	1.11	0.60	0.41	N/A
'AA'	CROSSING REMOVED						
'AB'	SWD	DN525	DN100	1.13	0.60	0.43	N/A
'AC'	Sewer	DN450	DN100	11.82	0.60	10.42	N/A
'AD'	Sewer	DN225	DN100	5.37	0.60	4.67	N/A
'AE'	Sewer	DN225	DN100	4.80	0.60	4.10	N/A
'AF'	SWD	DN600	DN100	1.13	0.60	0.43	N/A
'AG'	SWD	DN375	DN200	1.35	0.60	0.55	N/A
'AH'	Sewer	DN150	DN200	2.30	0.60	1.30	N/A
'AI'	SWD	DN450	DN200	1.09	0.60	0.29	N/A
'AJ'	SWD	DN375	DN100	1.23	0.60	0.53	N/A
'AK'	SWD	DN375	DN100	1.13	0.60	0.43	N/A
'AL'	SWD	DN525	DN100	1.36	0.60	0.66	N/A
'AM'	Sewer	DN150	DN100	2.95	0.60	2.26	N/A

SERVICES CROSSING TABLE SHEET 6 – MAIN LAID OVER UNLESS NOTED OTHERWISE

CROSSING	SERVICE	SERVICE SIZE	PW SIZE	SERVICE COVER (m)	PW COVER (m)	CLEARANCE (m)	REFER TO DTC DRAWING No.
'BK'	Sewer	DN450	DN200	5.80	0.60	5.00	N/A
'BL'	Sewer	DN375	DN200	4.00	0.60	3.20	N/A
'BM'	Sewer	DN375	DN200	4.00	0.60	3.20	N/A
'BN'	Sewer	DN150	DN200	3.40	0.60	2.60	N/A
'BO'	SWD	DN675	DN200	1.34	0.60	0.54	N/A
'BP'	SWD	DN675	DN100	1.00	0.60	0.30	N/A
'BQ'	Sewer	DN150	DN100	3.15	0.60	2.35	N/A
'BR'	SWD	DN450	DN100	1.16	0.60	0.46	N/A
'BS'	SWD	DN375	DN100	1.10	0.60	0.40	N/A
'BT'	CROSSING REMOVED						

SERVICES CROSSING TABLE SHEET 4 – MAIN LAID OVER UNLESS NOTED OTHERWISE

CROSSING	SERVICE	SERVICE SIZE	PW SIZE	SERVICE COVER (m)	PW COVER (m)	CLEARANCE (m)	REFER TO DTC DRAWING No.
'AN'	SWD	DN525	DN100	1.18	0.60	0.48	N/A
'AO'	SWD	DN375	DN100	1.23	0.60	0.51	N/A
'AP'	SWD	DN525	DN100	1.48	0.60	0.78	N/A
'AQ'	SWD	DN375	DN200	1.11	0.60	0.31	N/A
'AR'	Sewer	DN150	DN100	2.24	0.60	1.54	N/A
'AS'	SWD	DN450	DN100	1.21	0.60	0.51	N/A
'AT'	CROSSING REMOVED						
'AU'	Sewer	DN150	DN100	3.50	0.60	2.80	N/A
'AV'	Sewer	DN150	DN200	2.15	0.60	1.35	N/A
'AW'	Sewer	DN150	DN100	2.05	0.60	1.35	N/A
'AX'	SWD	DN375	DN100	1.59	0.60	0.89	N/A
'AY'	SWD	DN600	DN200	1.24	0.60	0.44	N/A

0	WORK AS CONSTRUCTED	N.A.	01.05.18
F	CONNECTIONS IN ELARA BLVD MOVED, NOTE 21 AMENDED, TEMPORARY MAIN NOW BURIED, LOCATION OF END OF EXISTING DN200 ALTERD	F.J.	16.12.17
E	TEMP. MAIN ADDED, MAINS UPSIZED AS PER JACOBS REPORT FOR THE MARSDEN PARK PRECINCT	F.J.	20.11.17
D	ISSUE FOR APPROVAL	J.F.	24.05.17
C	ISSUE FOR TENDER	F.J.	18.04.17
B	AMENDMENTS AS PER CLIENT REQUEST	F.J.	08.03.17
A	MASTERPLAN FOR CLIENT REVIEW	F.J.	03.03.17
No.	AMENDMENT DESCRIPTION	BY	DATE

WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	WOORONG PARK PTY LTD.	<b>Sydney</b> <b><u>WATER</u></b>	Case No. 161560 PW
W.S.C.	QALCHEK PTY LTD		
CONSTRUCTOR	CJ DOYLE CONTRACTING PTY LTD		
COMPLETED	24.04.18		
W.A.C. PREPARED	01.05.18		
DESIGNER	QALCHEK PTY LTD.	SYDNEY WATER CORPORATION	
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS		FOR DETAILS OF SERVICES SEE SHEET 1	
		SHT 7 OF 7 SHTS.	