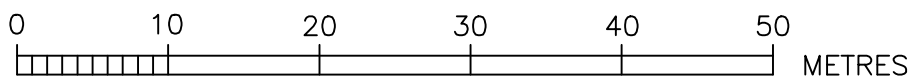





## LOCALITY PLAN

(NOT TO SCALE)

(SEE BENCH MARK ORIGIN ON SHEET 17)



## DEVELOPER CONTRACT PLAN WORK-AS-CONSTRUCTED

- 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 WYNNDHAM PRINCE  
580 HIGH STREET, PENRITH, NSW 2750  
PH. 02 4720 3300
- THE WORKS AND MATERIALS ARE IN ACCORDANCE WITH THE SEWERAGE CODE OF AUSTRALIA (WSA 02-2002-2.2 VERSION 3) INCLUDING THE SYDNEY WATER SUPPLEMENT AND APPENDICES AND THE TECHNICAL SPECIFICATION FOR LEAK TIGHT SEWER SYSTEMS (VERSION 8 - 17/12/14).
- ALL STRUCTURES CONSTRUCTED TO FINISHED SURFACE LEVELS. ALL LEVELS REFER TO FINISHED SURFACE LEVEL.
- 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)  
SURFACE INFORMATION: 998506CCDTM-NEWPARK.DWG (PROVIDED BY JWP 13.04.2017)
- THE MINIMUM NUMBER OF FIELD COMPACTION TESTS CONDUCTED TO SATISFY THE SEWERAGE CODE OF AUSTRALIA ARE:  
PIPE EMBEDMENT ZONE: 0 TESTS CONDUCTED (LETTER PROVIDED) SEE NOTE 11  
TRENCH FILL ZONE (NON TRAFFICABLE): 180 TESTS CONDUCTED  
TRENCH FILL ZONE (TRAFFICABLE): 0 TESTS CONDUCTED (LETTER PROVIDED)  
TRENCH FILL ZONE (MAINTENANCE STRUCTURES): 277 TESTS CONDUCTED  
TRENCH FILL ZONE - TOTAL: 457 TESTS CONDUCTED
- BUILDING OVER/ADJACENT TO SEWER - CONDITIONS MAY APPLY. REFER TO QALCHEK FOR DETAILS.
- ALL EXCAVATION, SHORING EXCAVATION AND STABILITY OF ADJACENT STRUCTURES/SERVICES/DWELLINGS WAS THE RESPONSIBILITY OF THE CONSTRUCTOR.
- ALL PSC CONNECTIONS TO I.S. ARE AT 0.7m & 45° TO MAIN UNLESS OTHERWISE INDICATED.  
 DENOTES STANDARD PCS CONNECTION (REFER DTC-2120 ISSUE A DATE 18.03.15)  
 DENOTES STANDARD PCS CONNECTION (REFER DTC-2120 ISSUE A DATE 18.03.15) 90° TO MAIN
- CONSTRUCTOR ENSURED THAT WORKS ARE CONSTRUCTED IN ACCORDANCE WITH SYDNEY WATER'S DEEMED TO COMPLY DRAWINGS:  
FOR ALL MH'S DTC-2000 (ISSUE C 18.03.15), DTC-2200 (ISSUE F 18.03.15), DTC-2203 (ISSUE B 18.03.15), DTC-2220 (ISSUE D 18.03.15), DTC-2221 (ISSUE B 01.03.13), DTC-2222 (ISSUE C 18.03.15), DTC-2223 (18.03.15)
- PIPES CONCRETE ENCASED SHOWN ACCORDINGLY:-- REFER TO SEW-1205-V
- EMBEDMENT FOR PIPES WITH A DEPTH GREATER THAN 6.0m TO INVERT TO CONSIST OF SINGLE SIZE MATERIAL OF EITHER 7mm OR 10mm.
- FOR ANY EXTERNAL DROPS IN EXCESS OF 1.5m REFER TO SHEET 16 FOR CONSTRUCTION DETAIL
- BULKHEADS CONDUCTED AT ROAD CROSSINGS TO SEW-1206
- W.A.C. PREPARED FROM INFORMATION SUPPLIED (IN PART BY QALCHEK) & BY DARACON PTY LTD

0	WORK AS CONSTRUCTED	R.B.	15.05.18
E	CHANGES ON L.31, 36, AND 37 DUE TO EXISTING SEWER LAID UNDER	F.J.	13.09.17
D	ISSUE FOR APPROVAL	J.F.	24.05.17
C	ISSUE FOR TENDER	F.J.	18.04.17
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No.	AMENDMENT DESCRIPTION	BY	DATE

PLAN TO BE READ IN CONJUNCTION WITH CURRENT SYDNEY WATER STANDARDS SYDNEY WATER CORPORATION
PRIOR TO COMMENCEMENT OF EXCAVATION FOR PROPOSED AND EXISTING SERVICES CONTACT :- DIAL BEFORE YOU DIG . . . . . Ph. 1100 . . . ELECTRICITY . . . . . Ph. . . . . GAS . . . . . Ph. . . . . TELECOMMUNICATIONS . . . . . Ph. . . . . STONEY WATER . . . . . Ph. 132 092 . . . GIVING AT LEAST 48 HOURS NOTICE.

UTILITIES					
TYPE	DATE	REF.	TYPE	DATE	REF.
STORMWATER: SWD --- SWD	14.04.17	ENG. DES.			
WATER: DN100 Water ---	24.05.17	DESIGN			

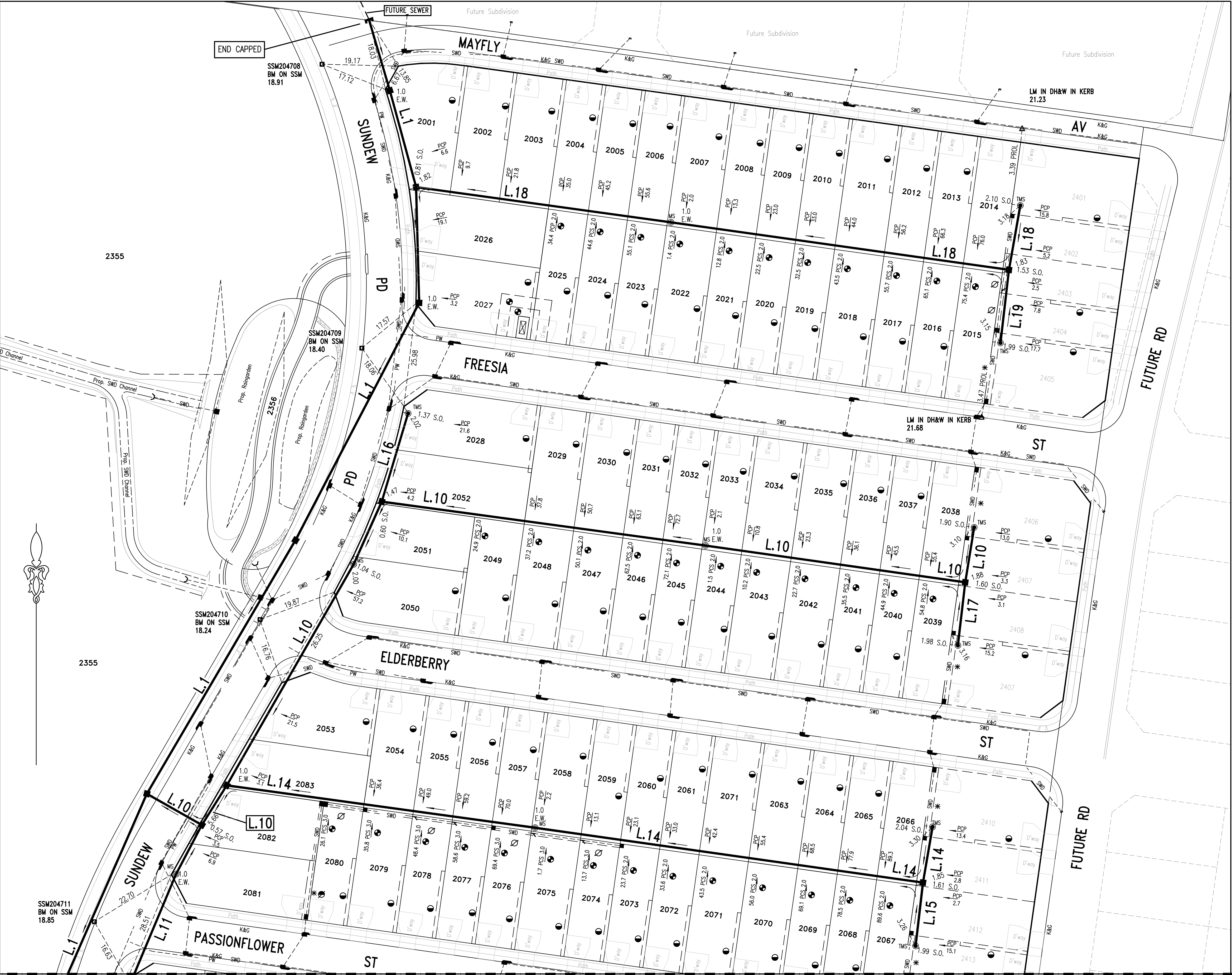
WORK AS CONSTRUCTED CERTIFICATION					
DEVELOPER	WOORONG PARK PTY LTD				
WATER SERVICE CO-ORDINATOR	QALCHEK PTY LTD				
CONSTRUCTOR	CJ DOYLE PTY LTD				
COMPLETED	09.05.18	W.A.C. PREPARED	15.05.18		
DESIGNER	QALCHEK PTY LTD				
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS.					

PIPE SCHEDULE					
SIZE DN	TYPE	CLASS	LENGTH	PIPE JOINING METHOD / NOTES	
300	P.P.	SN10	3.73	BUTT WELDED	
225	P.P.	SN10	276.16	BUTT WELDED	
225	U.P.V.C.	SN8	145.10	RRJ	
150	U.P.V.C.	SN8	4095.78	RRJ	
100	U.P.V.C.	SN10	434.2	SWJ (NOTE 8)	
DESIGN HEAD . . . m				NO BOUNDARY TRAPS REQUIRED.	

AUSTRALIAN HEIGHT DATUM
SCALES
PLAN . 1:500 . SECTION { HOR. . 1:500 . VERT. . 1:125 .
CROSS SECTIONS . . . . . NATURAL
LENGTHS, DEPTHS & LEVELS ARE IN METRES.

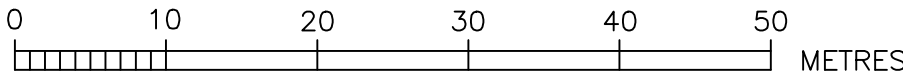
NO AMENDMENTS ARE TO BE MADE TO THIS PLAN WITHOUT REFERENCE TO SYDNEY WATER. THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY.	
U.B. DIRECTORY . . . MAP.126/C13 45th Edition . .	
SHEET . 1 . OF . 18 .	File No. N/A

SYDNEY WATER CORPORATION	
Case No. 161560WW	
BLACKTOWN SEWERAGE DRAINS TO RICHMOND RD. CARRIER VIA SP1160 RIVERSTONE ST0042	



0	WORK AS CONSTRUCTED	R.B.	15.05.18
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A	MASTERPLAN FOR CLIENT REVIEW	F.J.	03.03.17
No.	AMENDMENT DESCRIPTION	BY	DATE

SEE SHEET '3' FOR CONTINUATION



SEE SHEET '3' FOR CONTINUATION

- 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	
DEVELOPER	WOORONG PARK PTY LTD.
W.S.C.	QALCHEK PTY LTD.
CONSTRUCTOR	C.J. DOYLE PTY LTD.
COMPLETED	09.05.18
W.A.C. PREPARED	15.05.18
DESIGNER	QALCHEK PTY LTD.
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS	

SYDNEY WATER CORPORATION	
<b>Sydney WATER</b>	
Case No. 161560 WW	SHT 2 OF 18 SHTS.
SYDNEY WATER CORPORATION	
FOR DETAILS OF SERVICES SEE SHEET 1	

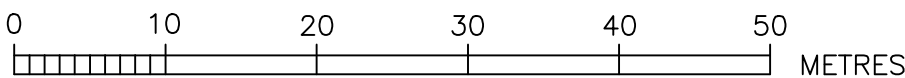




0	WORK AS CONSTRUCTED	R.B.	15.05.18
E	CHANGES ON L.31, 36, AND 37 DUE TO EXISTING SEWER LAID UNDER	F.J.	13.09.17
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B	AMENDMENTS AS PER CLIENT REQUEST	F.J.	08.03.17
A	MASTERPLAN FOR CLIENT REVIEW	F.J.	03.03.17
No.	AMENDMENT DESCRIPTION	BY	DATE

SEE SHEET '4' FOR CONTINUATION

SEE SHEET '4' FOR CONTINUATION



- 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 TO THE USE OF LAND

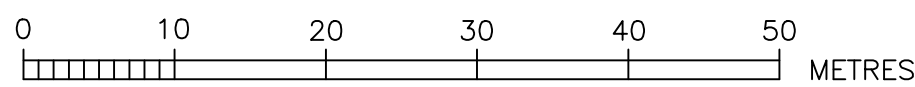
WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER WOORONG PARK PTY LTD		<b>Sydney WATER</b>	
W.S.C. QALCHEK PTY LTD		Case No. 161560 WW SHT 3 OF 18 SHTS.	
CONSTRUCTOR C.J. DOYLE PTY LTD			
COMPLETED 09.05.18			
W.A.C. PREPARED 15.05.18			
DESIGNER QALCHEK PTY LTD		SYDNEY WATER CORPORATION	
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS		FOR DETAILS OF SERVICES SEE SHEET 1	



SEE SHEET '5' FOR CONTINUATION

SEE SHEET '5' FOR CONTINUATION

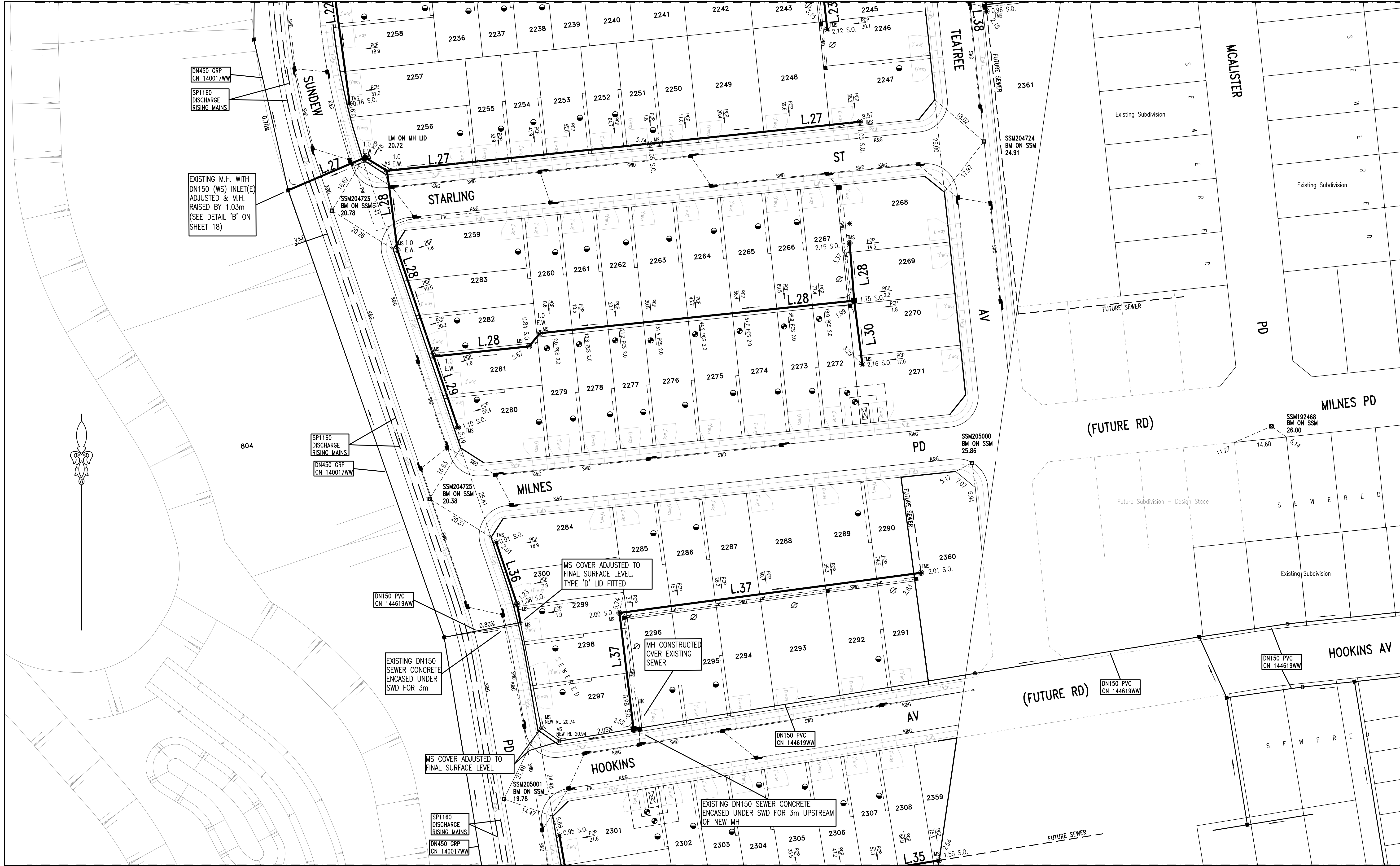
E	CHANGES ON L.31, 36, AND 37 DUE TO EXISTING SEWER LAID UNDER	F.J.	13.09.17
D	ISSUE FOR APPROVAL	J.F.	24.05.17
C	ISSUE FOR TENDER	F.J.	18.04.17
B	AMENDMENTS AS PER CLIENT REQUEST	F.J.	08.03.17
A	MASTERPLAN FOR CLIENT REVIEW	F.J.	03.03.17
No.	AMENDMENT DESCRIPTION	BY	DATE
0	WORK AS CONSTRUCTED	R.B.	15.05.18



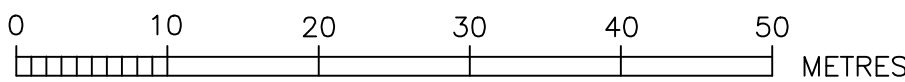
EASEMENT FOR ACCESS AND MAINTENANCE 0.9 WIDE  
EASEMENT FOR ACCESS AND MAINTENANCE 1.5 WIDE  
EASEMENT TO DRAIN WATER 0.9 WIDE  
EASEMENT TO DRAIN WATER 1.5 WIDE  
EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE  
RESTRICTION ON THE USE OF LAND

WORK AS CONSTRUCTED CERTIFICATION		Sydney WATER	
DEVELOPER	WOORONG PARK PTY LTD	Case No.	161560 WW
W.S.C.	QALCHEK PTY LTD	SHT	4 OF 18 SHTS.
CONSTRUCTOR	C.J. DOYLE PTY LTD	FOR DETAILS OF SERVICES SEE SHEET 1	
COMPLETED	09.05.18		
W.A.C. PREPARED	15.05.18	FOR DETAILS OF SERVICES SEE SHEET 1	
DESIGNER	QALCHEK PTY LTD		
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS			
SYDNEY WATER CORPORATION		SYDNEY WATER CORPORATION	
		FOR DETAILS OF SERVICES SEE SHEET 1	





E	CHANGES ON L.31, 36, AND 37 DUE TO EXISTING SEWER LAID UNDER	F.J.	13.09.17
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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
0	WORK AS CONSTRUCTED	R.B.	15.05.18



- 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

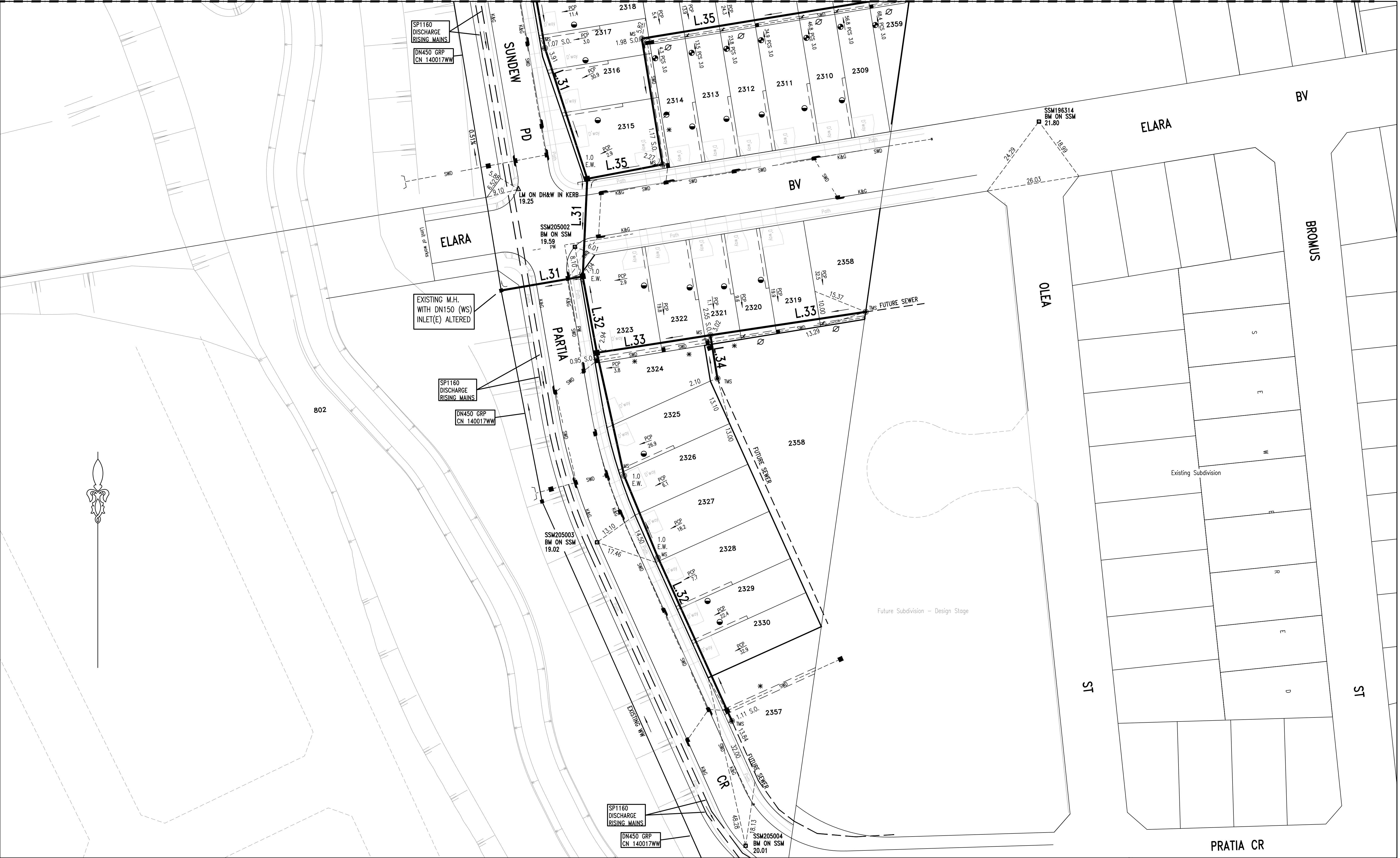
DEVELOPER . WOORONG PARK PTY LTD . . . . .  
W.S.C. . QALCHEK PTY LTD . . . . .  
CONSTRUCTOR . C.J. DOYLE PTY LTD . . . . .  
COMPLETED . 09.05.18 . . . . .  
W.A.C. PREPARED . 15.05.18 . . . . .  
DESIGNER . QALCHEK PTY LTD . . . . .  
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS

SYDNEY WATER CORPORATION

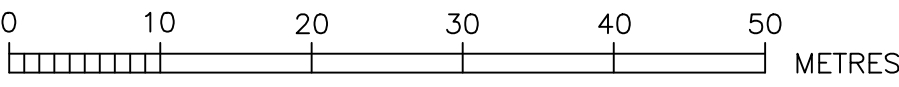
**Sydney WATER**

Case No. 161560 WW SHT 5 OF 18 SHTS.

SYDNEY WATER CORPORATION  
FOR DETAILS OF SERVICES SEE SHEET 1



E	CHANGES ON L.31, 36, AND 37 DUE TO EXISTING SEWER LAID UNDER	F.J.	13.09.17
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No.	AMENDMENT DESCRIPTION	BY	DATE
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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		SYDNEY WATER CORPORATION	
DEVELOPER	WOORONG PARK PTY LTD	<b>Sydney WATER</b>	
W.S.C.	QALCHEK PTY LTD		
CONSTRUCTOR	C.J. DOYLE PTY LTD	Case No. 161560 WW SHT 6 OF 18 SHTS.	
COMPLETED	09.05.18	SYDNEY WATER CORPORATION	
W.A.C. PREPARED	15.05.18		
DESIGNER	QALCHEK PTY LTD	FOR DETAILS OF SERVICES SEE SHEET 1	
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS			