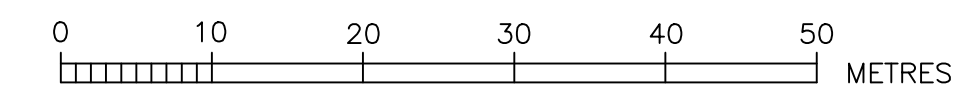


DEVELOPER CONTRACT PLAN
WORK-AS-CONSTRUCTED



M.G.A. ZONE 56 M.G.A. DATUM: GDA94

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 WYNNDHAM PRINCE
580 HIGH STREET, PENRITH, NSW 2750
PH. No. (02) 4720 3300
2. THE WORKS AND MATERIALS ARE IN ACCORDANCE WITH THE SEWERAGE CODE OF AUSTRALIA WSA
02-2002-2.2 SYDNEY WATER EDITION VERSION 4 (2017) INCLUDING THE SYDNEY WATER SUPPLEMENT
& APPENDICES.
3. ALL STRUCTURES ARE CONSTRUCTED TO FINISHED SURFACE LEVELS.
ALL LEVELS REFER TO FINISHED SURFACE LEVEL.
4. 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
(ALL PROVIDED BY JWP 14.05.2020)

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

5. THE NUMBER OF FIELD COMPACTION TESTS CONDUCTED TO SATISFY THE SEWERAGE CODE OF AUSTRALIA ARE:

PIPE EMBEDMENT ZONE: 0 TESTS CONDUCTED

TRENCH FILL ZONE (NON TRAFFICABLE): 21 TESTS CONDUCTED (LETTER PROVIDED)

TRENCH FILL ZONE (TRAFFICABLE): 0 TESTS CONDUCTED

TRENCH FILL ZONE (MAINTENANCE STRUCTURES): 39 TESTS CONDUCTED (LETTER PROVIDED)

TRENCH FILL ZONE - TOTAL: 60 TESTS CONDUCTED

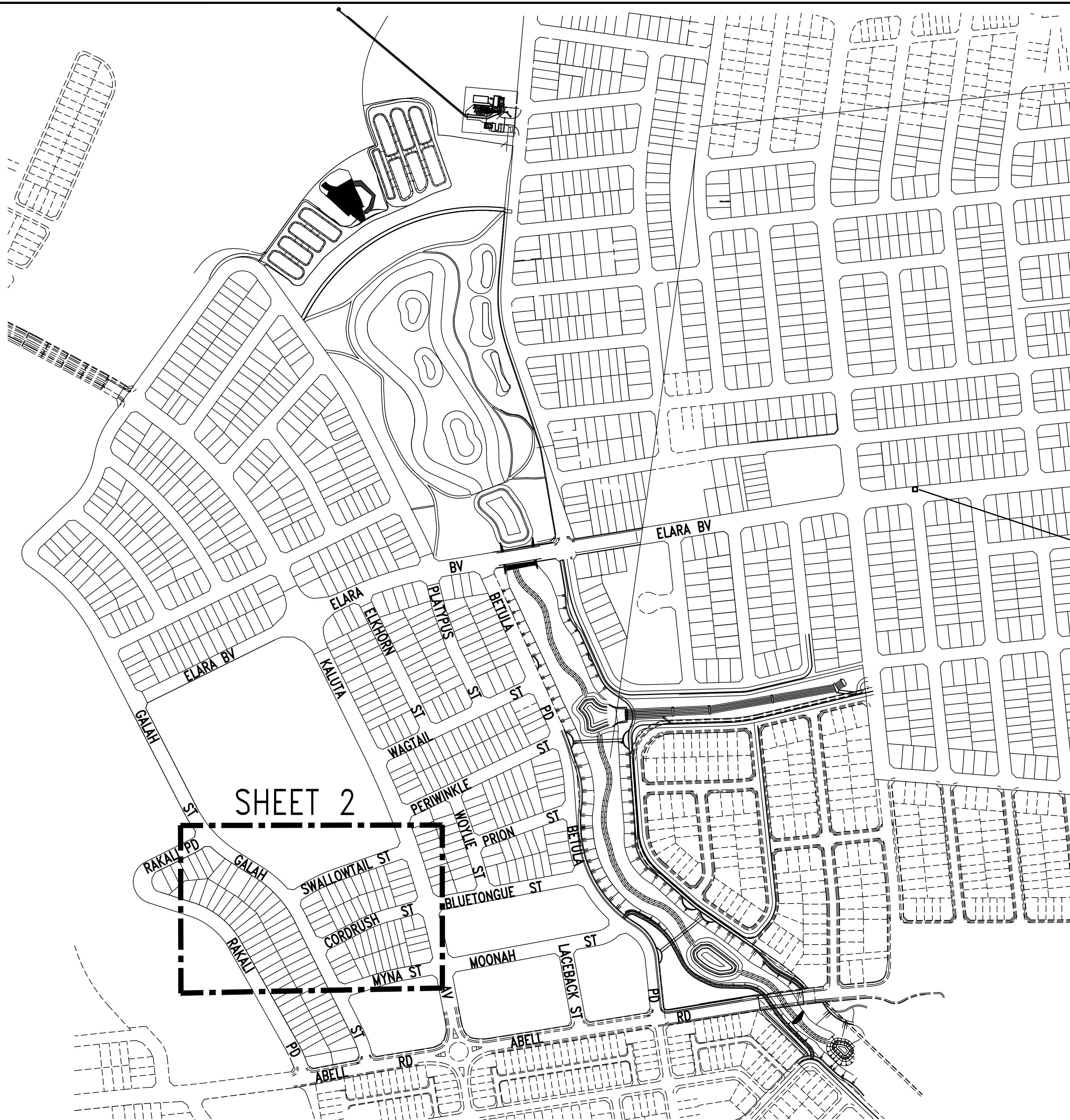
6. BUILDING OVER/ADJACENT TO SEWER - CONDITIONS MAY APPLY. REFER TO QALCHEK FOR DETAILS.
7. ALL EXCAVATION, SHORING EXCAVATION AND STABILITY OF ADJACENT STRUCTURES/SERVICES/DWELLINGS WAS THE RESPONSIBILITY OF THE CONSTRUCTOR.
8. ALL PCS CONNECTIONS TO I.S. ARE AT 0.7m & 45° TO MAIN UNLESS OTHERWISE INDICATED.
↘ DENOTES STANDARD PCS CONNECTION (REFER DTC-2120 ISSUE A DATE 18.03.15)

9. THE 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)

10. PIPES CONCRETE ENCASED SHOWN ACCORDINGLY:-  REFER TO SEW-1205-V

11. L1 BETWEEN CHAINAGE 87.06 AND CHAINAGE 112.61 IS BORED AS PER SCHEMATIC 'A' ON SHEET 4 USING 5mm THICK 324mm STEEL ENCASING PIPE AS A SLEEVE AND DN150 UPVC PIPE AS THE CARRIER WITH THE VOID GROUTED WITH SUITABLE 5MPa GROUT.

12. W.A.C. PREPARED FROM INFORMATION SUPPLIED (IN PART BY QALCHEK PTY LTD) & BY DARACON.



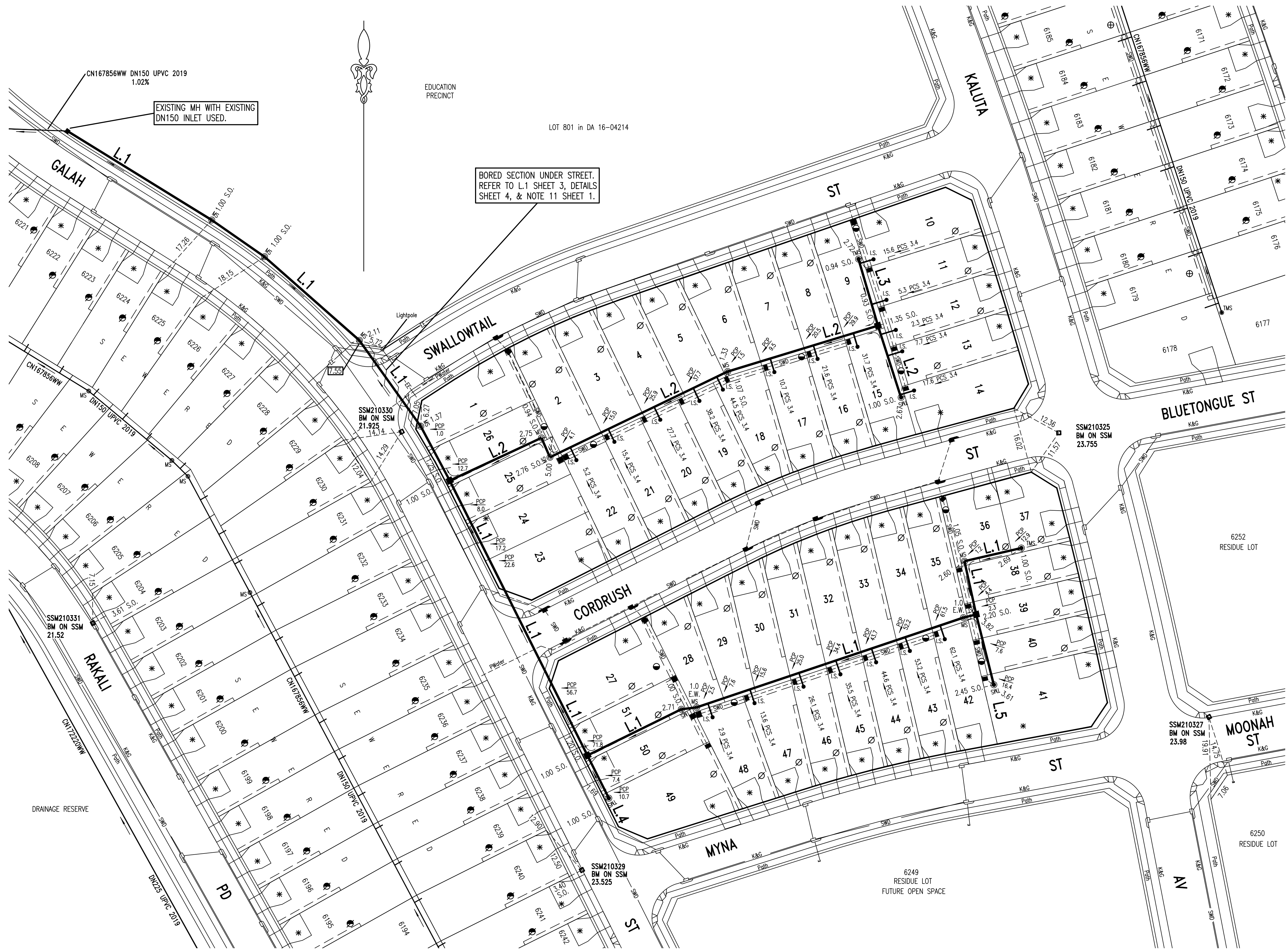
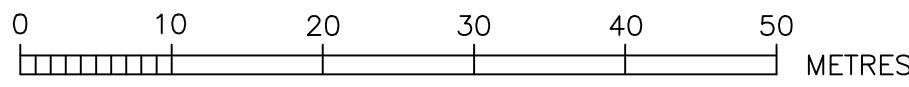
SSM191377
BRASS PLAQUE IN KERB
E: 297153.563
N: 6269446.911
RI: 27.360 ORIGIN

LOCALITY PLAN & BENCHMARK DIAGRAM

(NOT TO SCALE)

1	WORK AS CONSTRUCTED	J.V.	20.10.20
C	SHORT BORED SECTION ADDED L.1	F.J.	10.07.20
B	ISSUE FOR APPROVAL	F.J.	18.05.20
A	LAYOUT FOR CLIENT REVIEW	F.J.	18.04.20
No.	AMENDMENT DESCRIPTION	BY	DATE

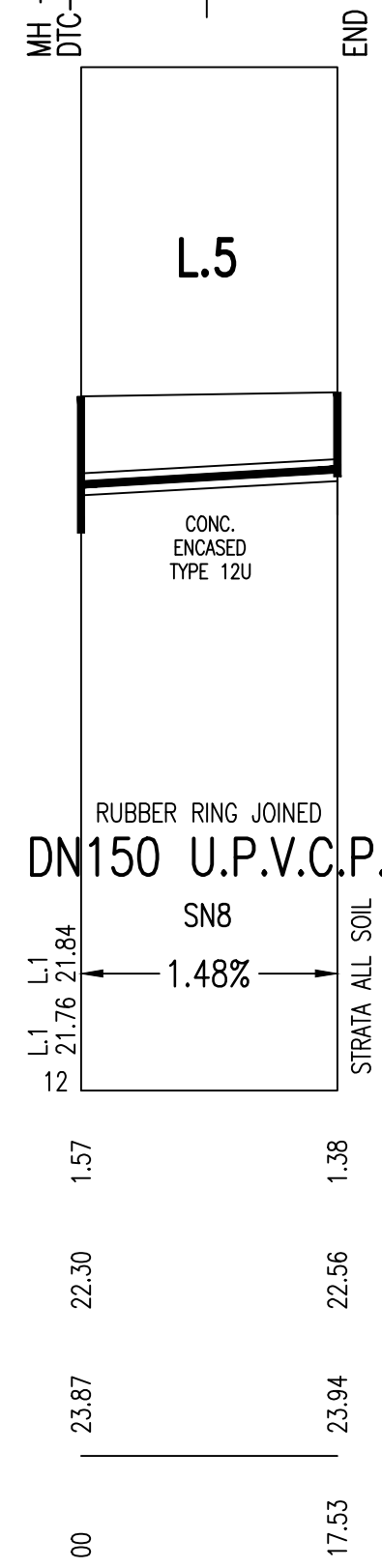
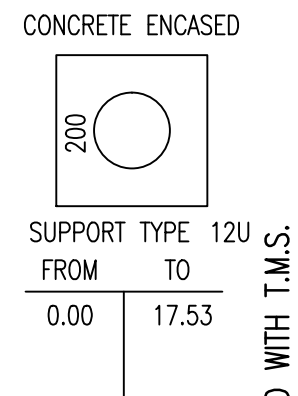
PLAN TO BE READ IN CONJUNCTION WITH CURRENT SYDNEY WATER STANDARDS SYDNEY WATER CORPORATION			UTILITIES						WORK AS CONSTRUCTED CERTIFICATION						PIPE SCHEDULE				AUSTRALIAN HEIGHT DATUM		NO AMENDMENTS ARE TO BE MADE TO THIS PLAN WITHOUT REFERENCE TO SYDNEY WATER. THIS PLAN IS NOT NECESSARILY UP TO 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	
PRIOR TO COMMENCEMENT OF EXCAVATION FOR PROPOSED AND EXISTING SERVICES CONTACT :- DIAL BEFORE YOU DIG Ph. 1100 ELECTRICITY Ph. GAS Ph. TELECOMMUNICATIONS Ph. SYDNEY WATER Ph. 132 092 GIVING AT LEAST 48 HOURS NOTICE.			STORMWATER: SWD		---		SWD		04.04.20		ENG. DES.				WATER SERVICE CO-ORDINATOR		QALCHEK PTY LTD		150		UPVC		SN8		508.56		RJJ			
			WATER: PWater		---				18.04.20		DESIGN				CONSTRUCTOR		C.J. DOYLE CONTRACTING				100		UPVC		SN10		89.7		SWJ	
			ENDEAVOUR ENERGY: EE		---		EE		15.05.20		DBYD				COMPLETED		02.10.2020		W.A.C. PREPARED		20.10.2020		OD324		STEEL		5mm		25.55	
															DESIGNER		QALCHEK PTY LTD													
															I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS.															
																			DESIGN HEAD		1.0 m				NO		REQUIRED TRAPS			
																											REQUIRE.			
																					</									




1	WORK AS CONSTRUCTED	J.V.	20.10.20
C	SHORT BORED SECTION ADDED L.1	F.J.	10.07.20
B	ISSUE FOR APPROVAL	F.J.	18.05.20
A	LAYOUT FOR CLIENT REVIEW	F.J.	18.04.20
No.	AMENDMENT DESCRIPTION	BY	DATE

- NEW EASEMENT FOR ACCESS AND MAINTENANCE 0.9 WIDE
- NEW 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

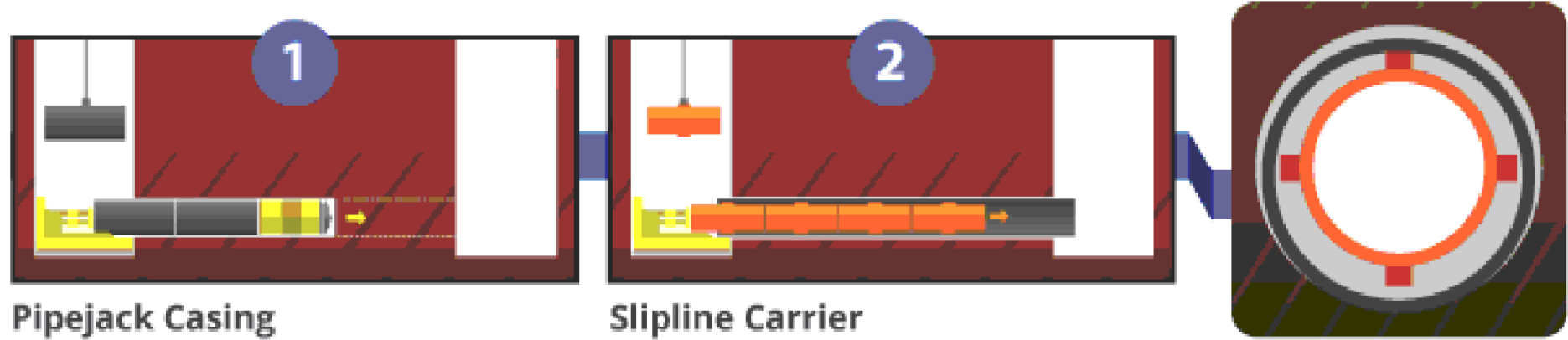
WORK AS CONSTRUCTED CERTIFICATION		<div>Sydney WATER</div>		SYDNEY WATER CORPORATION	
DEVELOPER	WOORONG PARK PTY. LTD.	<div>Case No. 182371WW</div> <div>SHT 2 OF 4 SHTS.</div>			
W.S.C.	QALCHEK PTY. LTD.				
CONSTRUCTOR	C.J. DOYLE CONTRACTING	<div>SYDNEY WATER CORPORATION</div> <div>FOR DETAILS OF SERVICES SEE SHEET 1</div>			
COMPLETED	02.10.2020				
W.A.C. PREPARED	20.10.2020				
DESIGNER	QALCHEK PTY. LTD.				
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS					
VERIFIED: C.T.		REVIEWED: C.T.		APPROVED: C.T.	
				ISSUED: 20.10.2020	



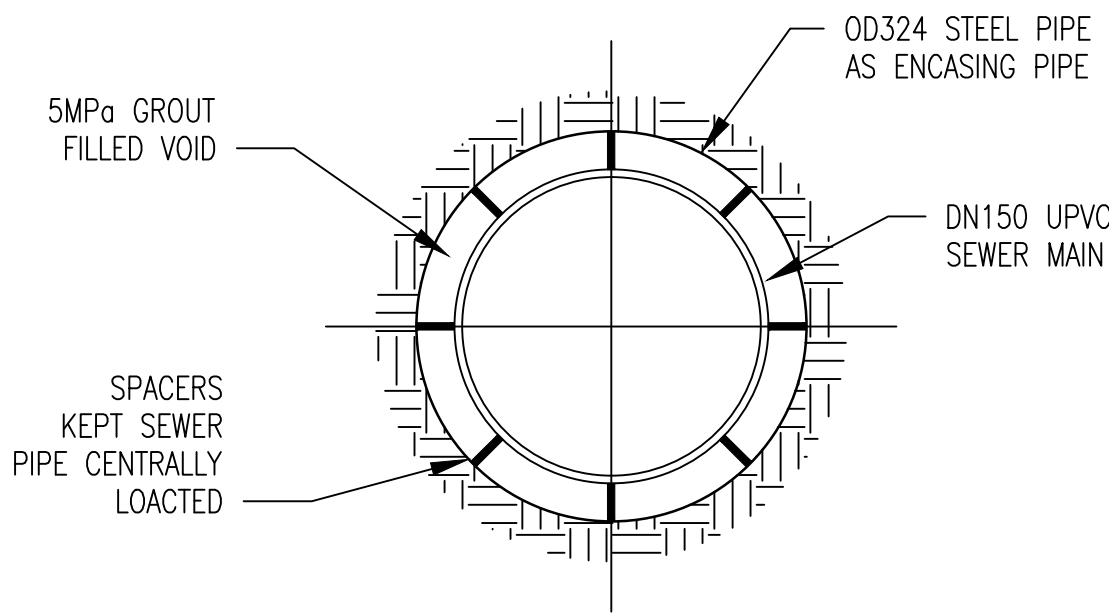
1	WORK AS CONSTRUCTED	J.V.	20.10.20
C	SHORT BORED SECTION ADDED L.1	F.J.	10.07.20
B	ISSUE FOR APPROVAL	F.J.	18.05.20
A	LAYOUT FOR CLIENT REVIEW	F.J.	18.04.20
No.	AMENDMENT DESCRIPTION	BY	DATE

WORK AS CONSTRUCTED CERTIFICATION		 SYDNEY WATER CORPORATION	
DEVELOPER	WOORONG PARK PTY LTD	Case No. 182371VWV	SHT 3 OF 4 SHTS.
W.S.C.	QALCHEK PTY LTD		
CONSTRUCTOR	C.J. DOYLE CONTRACTING		
COMPLETED	02.10.2020		
W.A.C. PREPARED	20.10.2020	SYDNEY WATER CORPORATION 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			

SCHEMATIC 'A'
DETAIL FOR SLEEVED BORE ON L.1



ENCASING PIPE OD324 STEEL PIPE WITH A WALL THICKNESS OF 5mm. THE VOID BETWEEN THE STEEL ENCASING PIPE AND THE DN150 UPVC CARRIER PIPE FILLED WITH 5MPa GROUT. CARRIER PIPE LOCATED CENTRALLY IN STEEL SLEEVE.



TYPICAL BORE SECTION WITH ENCASING PIPE
USED ON L.1
NOT TO SCALE

1	WORK AS CONSTRUCTED	J.V.	20.10.20
C	SHORT BORED SECTION ADDED L.1	F.J.	10.07.20
B	ISSUE FOR APPROVAL	F.J.	18.05.20
A	LAYOUT FOR CLIENT REVIEW	F.J.	18.04.20
No.	AMENDMENT DESCRIPTION	BY	DATE

WORK AS CONSTRUCTED CERTIFICATION			Sydney WATER SYDNEY WATER CORPORATION	
DEVELOPER	WOORONG PARK PTY LTD		Case No. 182371WW SHT 4 OF 4 SHTS.	
W.S.C.	QALCHEK PTY LTD			
CONSTRUCTOR	C.J. DOYLE CONTRACTING		SYDNEY WATER CORPORATION FOR DETAILS OF SERVICES SEE SHEET 1	
COMPLETED	02.10.2020			
W.A.C. PREPARED	20.10.2020			
DESIGNER	QALCHEK PTY LTD			
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS				