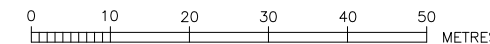
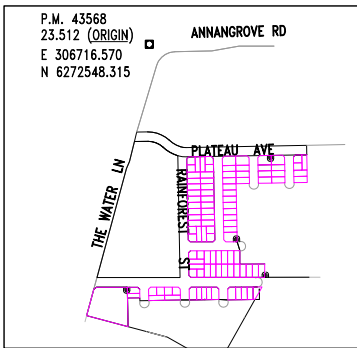


285-297 ANNANGROVE ROAD ROUSE HILL WASTEWATER - STAGE 1



NOTES:-

- WATER SERVICE COORDINATORS:
OLSEN INFRASTRUCTURE PTY LTD
PO BOX 552 KELLYVILLE NSW 2155
PH: (02) 9899 4001 FAX: (02) 9899 6005
 - FOR:
LEGPRO77 PTY LTD
ATF LEGPRO77 UNIT TRUST
LEVEL 45, 19 MARTIN PL. SYDNEY NSW 2000
PH: (02) 9252 1111
 - ALL LOTS VACANT AT TIME OF SURVEY.
 - ALL STRUCTURES CONSTRUCTED TO PROPOSED FINISHED SURFACE LEVELS.
 - THE PROPOSED WORKS DETAILED HERE ON CONSTRUCTED IN ACCORDANCE WITH THE WATER SERVICES ASSOCIATION OF AUSTRALIA (W.S.A.A.) NATIONAL CODES AND APPLICABLE SYDNEY WATER SUPPLEMENTS AND TECHNICAL REQUIREMENTS - MAJOR WORKS SEWER. THE CONSTRUCTOR HAD A COPY OF THESE DOCUMENTS OF SITE AT ALL TIMES:
 - SEWER RETICULATION CODE OF AUSTRALIA WSA 02-2002-2.2 VERSION 4 MAY 2017
 - SYDNEY WATER SUPPLEMENTS AND APPENDICES
 - PRIOR TO APPLICATION FOR CONSTRUCTION COMMENCEMENT NOTICE (CCN AUDIT) THE CONSTRUCTOR MUST FORWARD TO THE WSC (DELIVERY) THE FOLLOWING DOCUMENTATION OUTLINING:
 - Q.A. SYSTEM CERTIFICATE OF CURRENCY
 - CONSTRUCTION PROGRAM (INCLUDING ALL PRECAUTIONS TO MINIMISE INCONVENIENCE, RESTORATION)
 - PROPOSED ENVIRONMENTAL PROTECTION MEASURES DURING CONSTRUCTION
 - S.W.M.S.
 - DETAILS OF SYDNEY WATER ACCREDITED PERSONNEL THAT WILL CARRY OUT THE WORKS.
 - EVIDENCE OF CURRENT D.B.Y.D. SERVICES INVESTIGATIONS AND REPORT.
 - CONSTRUCTOR SUBMITTED COMMENCEMENT NOTICE TO SYDNEY WATER FIELD OFFICER GIVING A MIN. 48 HOURS, PRIOR TO START OF CONSTRUCTION WORKS.
 - CONSTRUCTOR INSTALLED NON-DETECTABLE TAPE AND RAISE TO THE SURFACE AT ALL JUNCTIONS.
 - PIPES CONCRETE ENCASED SHOWN ACCORDINGLY:
 - BUILDING OVER/ADJACENT TO SEWER. CONDITIONS APPLY.
 - ALL LEVELS ELECTRONICALLY GENERATED. NO LEVEL BOOK AVAILABLE.
 - THE MINIMUM NUMBER OF FIELD COMPACTION TESTS REQUIRED TO SATISFY THE SEWERAGE CODE OF AUSTRALIA ARE:
 - PIPE EMBEDMENT ZONE: NIL
 - TRENCH FILL ZONE - TRAFFICABLE (1 PER 300mm LAYER/50m): 0
 - TRENCH FILL ZONE - NON TRAFFICABLE (1 PER 300mm LAYER/100m): 48
 - ADJACENT M.H./M.S./T.M.S - 1 PER EACH 1m DEPTH WITHIN 300mm OF EACH M.H./M.S.: 140
 NUMBER OF TESTS TO BE VERIFIED BY AN ACCREDITED FIELD TESTER. NUMBERS PROVIDED ABOVE TO BE USED AS A GUIDE ONLY. THE FIELD TESTER MUST ENSURE THE CORRECT NUMBER OF TESTS IS CARRIED OUT TO SATISFY THE SEWERAGE CODE OF AUSTRALIA AS PER SYDNEY WATER'S INSTRUCTION TO FIELD TESTERS.
 - ALL M.H. AND M.S. COVERS CLASS 'D' OR CLASS 'B' WHERE SHOWN.
 - NEW CUSTOMER DRAIN CONNECTIONS CONSTRUCTED CONCURRENTLY WITH THE NEW SEWER MUST BE CONSTRUCTED BY A LICENSED PLUMBER. THE WORKS INSTALLED IN ACCORDANCE WITH THE CURRENT NSW CODE OF PRACTICE FOR PLUMBING AND DRAINAGE AND AS/NZS3500. THE CUSTOMER DRAIN CONNECTION INSPECTED BY A FAIR TRADING PLUMBING INSPECTION ASSURANCE SERVICE (PIAS) OFFICER PRIOR TO BACKFILL.
 - A REGISTERED SURVEYOR VERIFIED EXISTING INVERT LEVELS, LOCATION AND LEVEL OF EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTOR MUST OBTAIN AN UPDATED SERVICES SEARCH (DBYD)
 - THIS PLAN READ IN CONJUNCTION WITH DEEMED TO COMPLY DRAWINGS AS LISTED BELOW:
 - DTC 2000 - MAINTENANCE HOLES CONSTRUCTION - ISSUE C DATED 18/3/15
 - DTC 2120 - DN100 PVC-U - PROPERTY CONNECTION SEWER FOR SINGLE PROPERTY - ISSUE A DATED 18/3/15
 - DTC 2200 - DN1200 MAINTENANCE HOLES - ISSUE F DATED 18/3/15
 - DTC 2203 - DN1050 MAINTENANCE HOLES CAST IN-SITU PLAIN CONCRETE WALL - SEWERS ≤ DN300 DEPTH TO INVERT 1.2 - 6m - ISSUE B DATED 18/3/15
 - DTC 2220 - MAINTENANCE HOLES DETAILS SHEET 1 - ISSUE D DATED 18/3/15
 - DTC 2221 - MAINTENANCE HOLES DETAILS SHEET 2 - ISSUE B DATED 1/3/15
 - DTC 2222 - MAINTENANCE HOLES DETAILS SHEET 3 - ISSUE B DATED 18/3/15
 - DTC 2223 - DN1200 MAINTENANCE HOLES ROOF SLAB DESIGN ISSUE B DATED 18/3/15
 - ALL MAINTENANCE SHAFTS SMARTSTREAM POO PIT OR AYMR00 CAMS MS ONLY.
 - PCP JUNCTIONS DN150 x 100.
 - THIS PLAN USES GDA2020 COORDINATES.
- ENVIRONMENT NOTES:-
- AREAS DOWNSLOPE OF CONSTRUCTION ACTIVITY ADEQUATELY PROTECTED FROM SEDIMENT POLLUTION ETC. SILT TRAP DEVICES INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY, EFFECTIVELY MAINTAINED AND REMOVED ONLY AFTER THE AREA HAS BEEN SATISFACTORILY REVEGETATED.
 - ALL STORMWATER GRATES DOWNSLOPE OF CONSTRUCTION ACTIVITY ADEQUATELY PROTECTED BY STRAWBALES WRAPPED IN GEOTEXTILE FABRIC.
 - ALL OPEN CHANNELS AND OPEN DRAINAGE LINES DOWNSLOPE OF CONSTRUCTION ACTIVITY ADEQUATELY PROTECTED BY STRABALE OR GEOTEXTILE FENCE.
 - THE EXTENT OF CLEARING OF VEGETATION KEPT TO AN ABSOLUTE MINIMUM NECESSARY TO EFFECT THE WORKS.



B.M. DIAGRAM

(NOT TO SCALE)



SHEET 3

SHEET 2

STAGE 3
CASE 193577

STAGE 2
CASE 193576
LOT 2

3	ISSUE FOR APPROVAL	LN	27/5/22		
2	PRELIMINARY ISSUE	LN	12/5/22		
1	PRELIMINARY ISSUE	LN	10/1/22	5	WORK-AS-CONSTRUCTED
				4	AMENDED AS PER SWC COMMENTS
					JL 30/9/22

UTILITIES		TYPE		DATE		REF.	
SEWER:	S	S		27.05.22	HYDRA		
WATER:	DN100 Water	---	---	27.05.22	HYDRA		
PROP STORMWATER:	SMD	---	---	27.05.22	CIVIL PLANS		
PROP SEWER:	S	---	---	27.05.22	DESIGN		
PROP WATER:	DN100 Water	---	---	27.05.22	DESIGN		

WORK AS CONSTRUCTED CERTIFICATION			
DEVELOPER	LEGPRO77 PTY LTD		
WATER SERVICE CO-ORDINATOR	OLSEN INFRASTRUCTURE PTY LTD		
CONSTRUCTOR	C.J DOYLE CONTRACTING SERVICES		
COMPLETED	16.11.22	W.A.C. PREPARED	17.03.23
DESIGNER	OLSEN INFRASTRUCTURE 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
225	u.P.V.C.	SN8	131.82	S.C.J
150	u.P.V.C.	SN8	1794.26	S.C.J

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

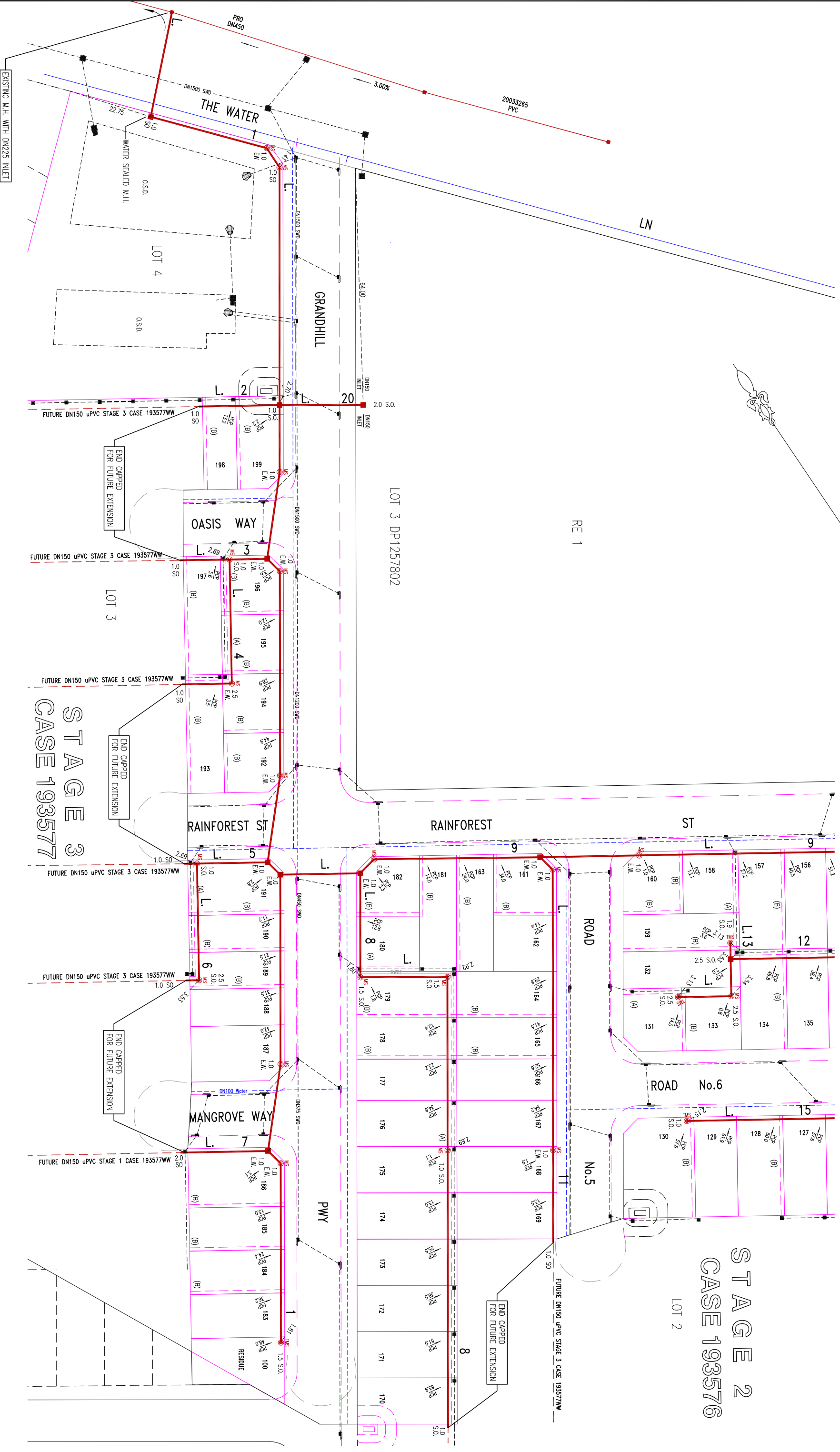
NO AMENDMENTS ARE TO BE MADE TO THIS PLAN WITHOUT REFERENCE TO SYDNEY WATER. THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND SYDNEY WATER ACCEPTS NO RESPONSIBILITY.	
U.B. DIRECTORY	128 N-3 (41st Edition)
SHEET 1 OF 11	File No. N/A

Sydney Water SYDNEY WATER CORPORATION

Case No. 193575WW

TH HILLS SEWERAGE DRAINS TO ROUSE HILL WRP

PLAN DRAWN DATE: 17/03/2023 VERSION: 5 SHEET 1 OF 11 SHEETS



No.	AMENDMENT DESCRIPTION	BY	DATE
1	PRELIMINARY ISSUE	LN	10/1/22
2	PRELIMINARY ISSUE	LN	12/5/22
3	ISSUE FOR APPROVAL	LN	27/5/22
4	AMENDED AS PER SMC COMMENTS	JL	30/9/22
5	WORK-AS-CONSTRUCTED	LN	17/3/23

A - DENOTES EASEMENT TO DRAIN WATER 1.5 WIDE
 B - DENOTES EASEMENT TO DRAIN WATER 0.5 WIDE

WORK AS CONSTRUCTED CERTIFICATION

DESIGNER: OLSEN INFRASTRUCTURE PTY LTD
 W.A.C. PREPARED: 17/03/23

DESIGNER: OLSEN INFRASTRUCTURE PTY LTD
 W.A.C. PREPARED: 17/03/23

SYDNEY WATER CORPORATION
 Case No. 193576/WW SH 2 OF 11 SHTS.
 FOR DETAILS OF SERVICES SEE SHEET 1



**STAGE 2
CASE 193576**

NO.	AMENDMENT DESCRIPTION	BY	DATE
1	PRELIMINARY ISSUE	LN	10/1/22
2	PRELIMINARY ISSUE	LN	12/5/22
3	ISSUE FOR APPROVAL	LN	27/5/22
4	AMENDED AS PER SMC COMMENTS	JL	30/9/22
5	WORK-AS-CONSTRUCTED	LN	17/3/23

A - DENOTES EASEMENT TO DRAIN WATER 1.5 WIDE
B - DENOTES EASEMENT TO DRAIN WATER 0.5 WIDE

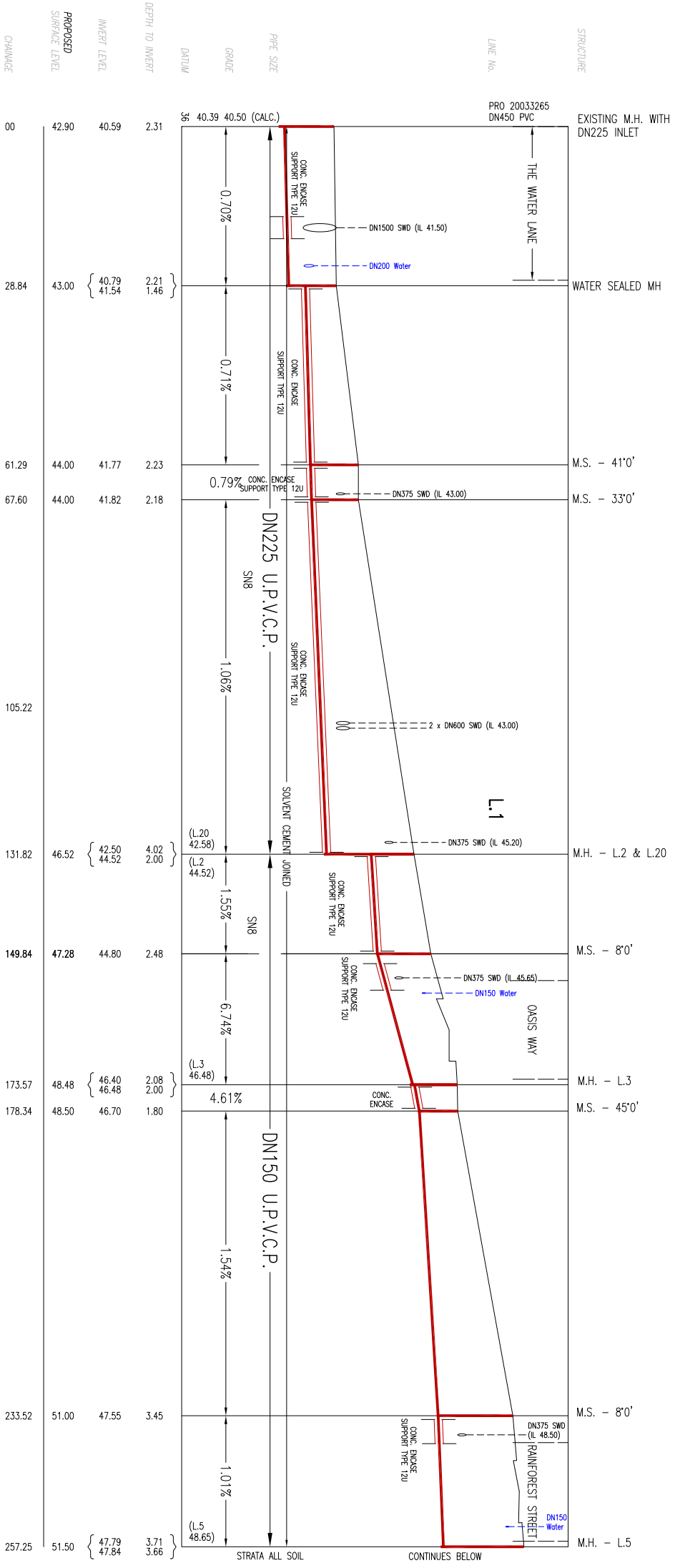
WORK-AS-CONSTRUCTED CERTIFICATION

DEVELOPER: LEPROD 77 PTY LTD
 W.S.C.: OLSEN INFRASTRUCTURE PTY LTD
 CONSTRUCTOR: C.J. DOWLE CONTRACTING SERVICES
 COMPLETED: 16.11.22
 W.A.C. PREPARED: 17.03.23

DESIGNER: OLSEN INFRASTRUCTURE PTY LTD
 I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS

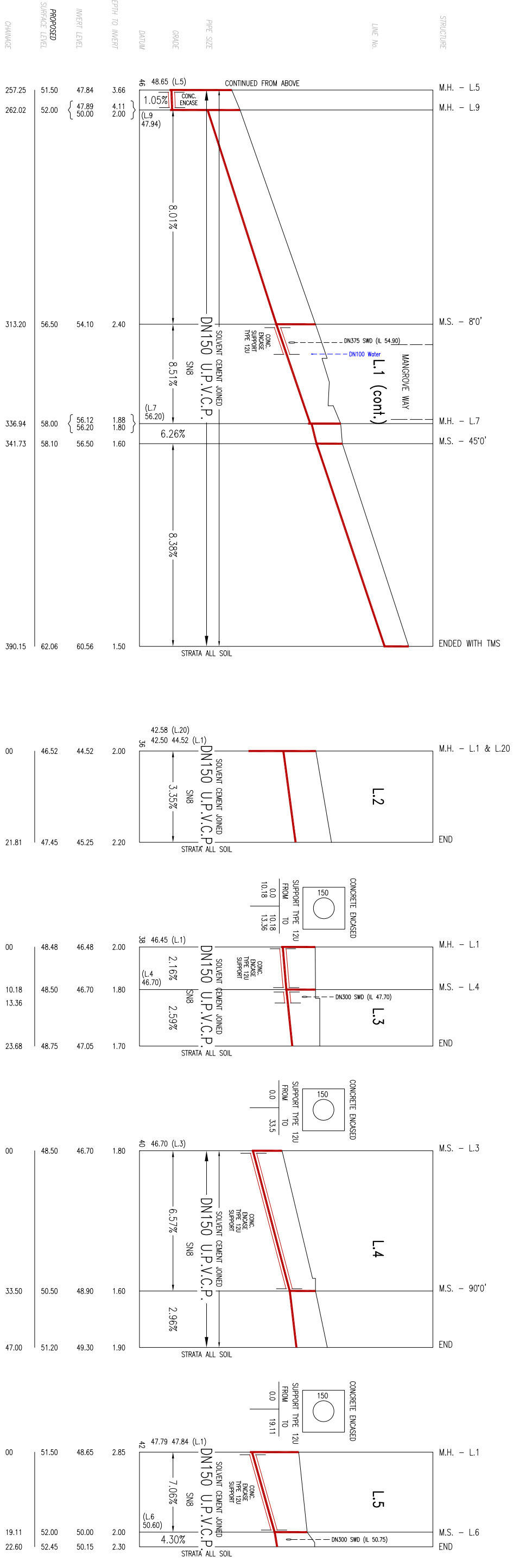
Sydney WATER SYDNEY WATER CORPORATION
 Case No. 193576WW | SH 3 OF 11 SHTS.

FOR DETAILS OF SERVICES SEE SHEET 1



CONCRETE ENCASED
SUPPORT TYPE 120

FROM	TO
15.0	20.0
28.84	61.29
61.29	67.6
105.22	131.82
131.82	149.84
149.84	156.84
173.37	178.34
233.52	238.52
257.25	280.02
313.20	320.20



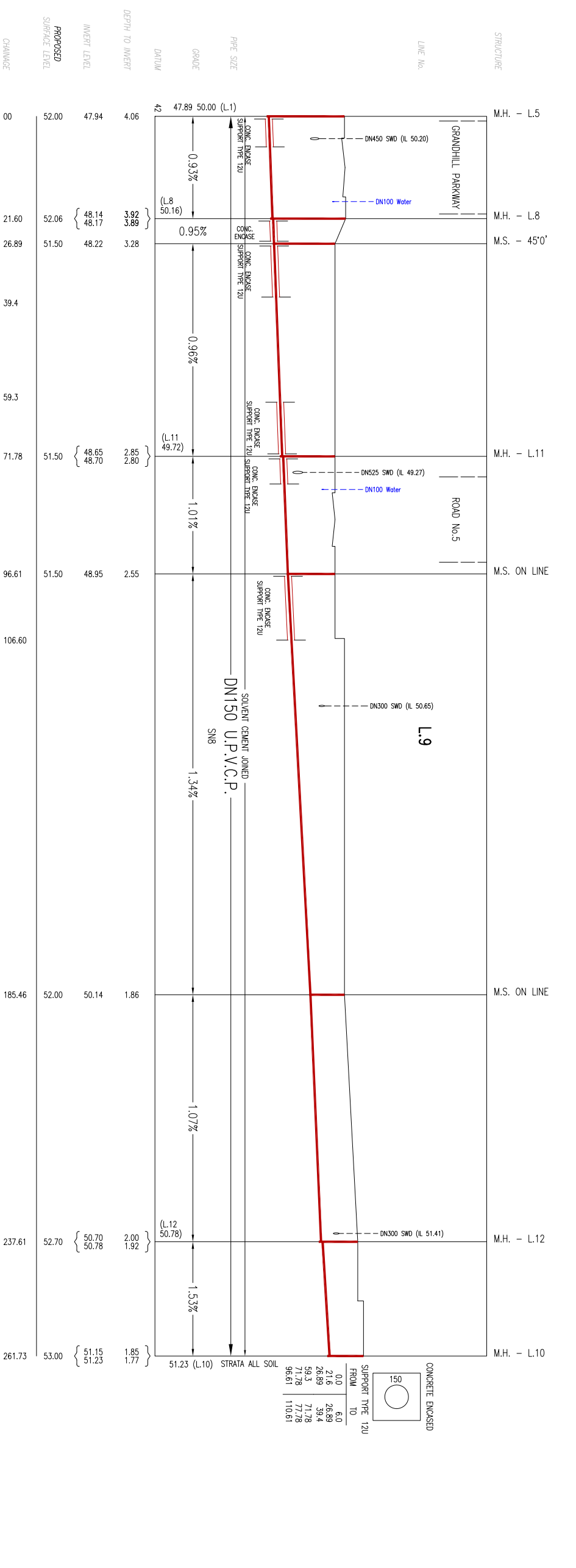
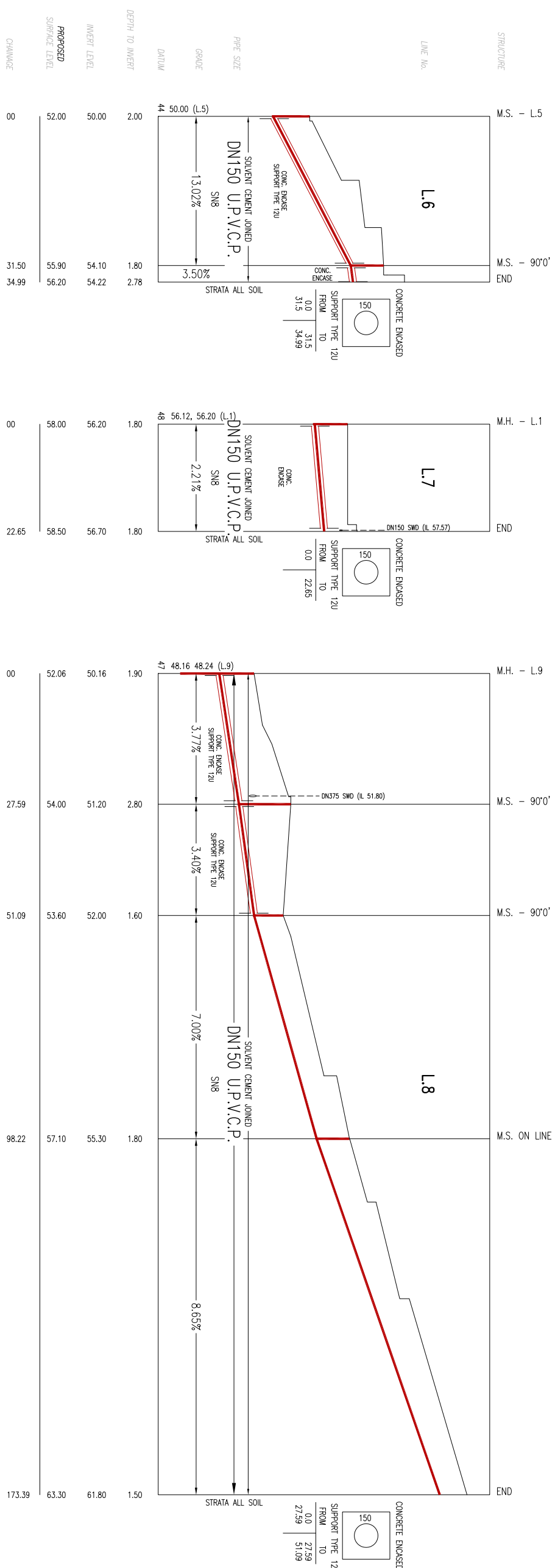
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1	PRELIMINARY ISSUE	LN	10/1/22
2	PRELIMINARY ISSUE	LN	12/5/22
3	ISSUE FOR APPROVAL	LN	27/5/22
4	AMENDED AS PER SMC COMMENTS	JL	30/9/22
5	WORK-AS-CONSTRUCTED	LN	17/3/23

WORK AS CONSTRUCTED CERTIFICATION

DEVELOPER: LESPRO 77 PTY LTD
W.A.S.C.: OLSEN INFRASTRUCTURE PTY LTD
CONTRACTOR: C.J. DOYLE CONTRACTING SERVICES
COMPLETED: 16.11.22
W.A.C. PREPARED: 17.03.23

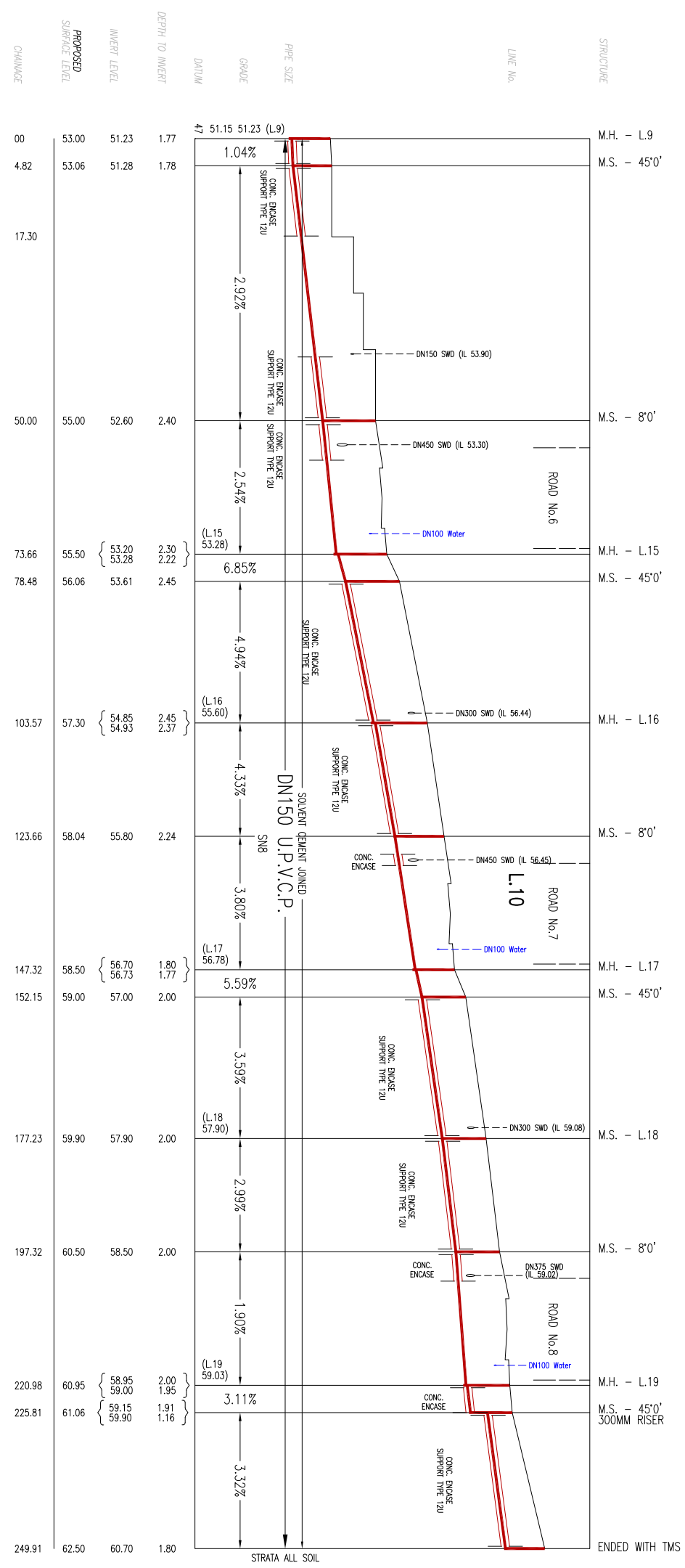
DESIGNER: OLSEN INFRASTRUCTURE PTY LTD
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS

SYDNEY WATER CORPORATION
Case No. 193675WW/SHT 4 OF 11 SHTS.
FOR DETAILS OF SERVICES SEE SHEET 1

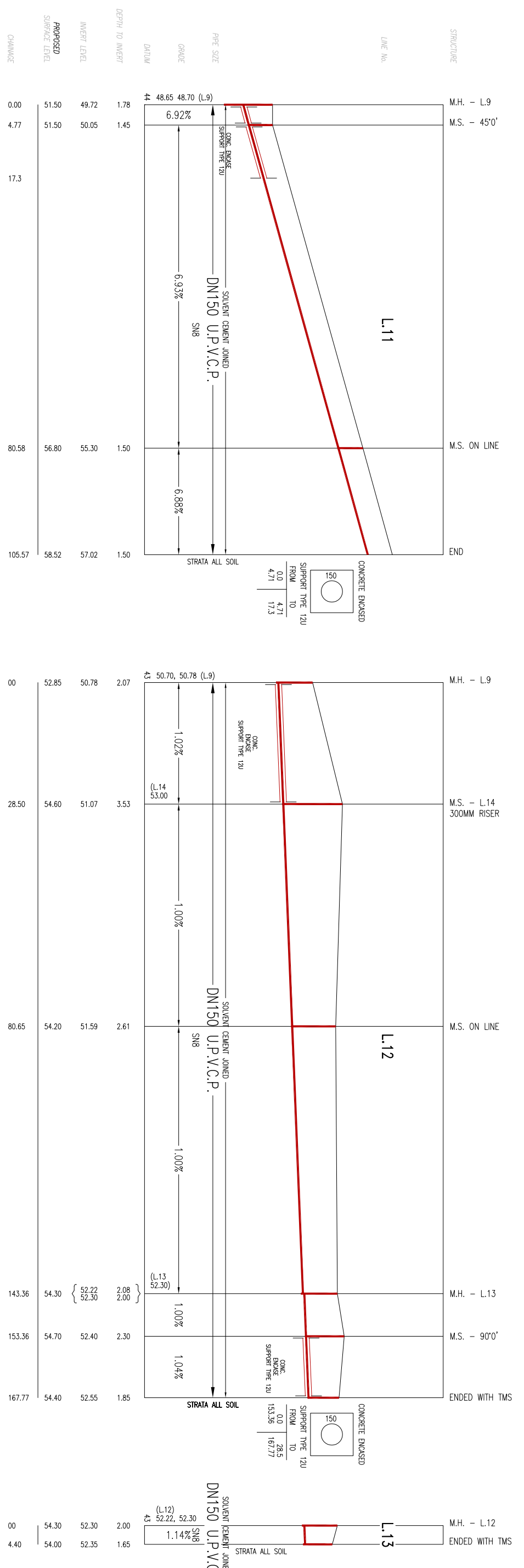


5	WORK-AS-CONSTRUCTED	LN	17/3/23
4	AMENDED AS PER SMC COMMENTS	AL	30/9/22
3	ISSUE FOR APPROVAL	LN	27/5/22
2	PRELIMINARY ISSUE	LN	12/5/22
1	PRELIMINARY ISSUE	LN	10/1/22
	AMENDMENT DESCRIPTION	BY	DATE

<p>WORK-AS-CONSTRUCTED CERTIFICATION</p> <p>DEVELOPER: LEPFO 77 PTY LTD</p> <p>W.S.C.: OLSEN INFRASTRUCTURE PTY LTD</p> <p>CONSTRUCTOR: C.J. DOWDE CONTRACTING SERVICES</p> <p>COMPLETED: 16.11.22</p> <p>W.A.C. PREPARED: 17.03.23</p> <p>DESIGNER: OLSEN INFRASTRUCTURE PTY LTD</p> <p>ACCEPTANCE: THE WORK AS CONSTRUCTED CERTIFICATE IS VALID IN ACCORDANCE WITH THE WORK AS CONSTRUCTED STATUTES</p>		<p>SYDNEY WATER CORPORATION</p> <p>Case No. 193676WV</p> <p>SHT 5 OF 11 SHTS.</p> <p>FOR DETAILS OF SERVICES SEE SHEET 1</p>
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CONCRETE ENCASED	
SUPPORT TYPE 120	FROM TO
0.0	4.82
4.82	18.82
18.82	39.0
39.0	50.0
50.0	57.0
57.0	78.48
78.48	103.57
103.57	123.66
123.66	126.66
126.66	129.66
129.66	152.15
152.15	172.23
172.23	197.32
197.32	220.98
220.98	225.81
225.81	249.91



CONCRETE ENCASED	
SUPPORT TYPE 120	FROM TO
0.0	28.5
28.5	153.36
153.36	167.77

SOLVENT CEMENT JOINED	
DN150 U.P.V.C.P.	SN8
0.0	52.22
52.22	52.30
52.30	52.35

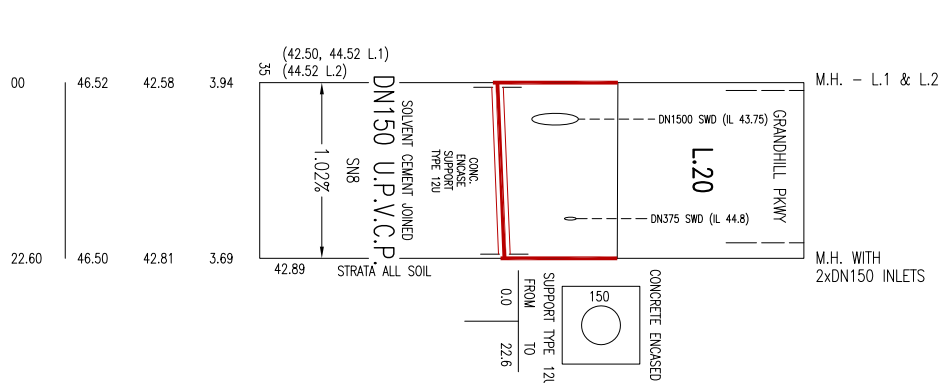
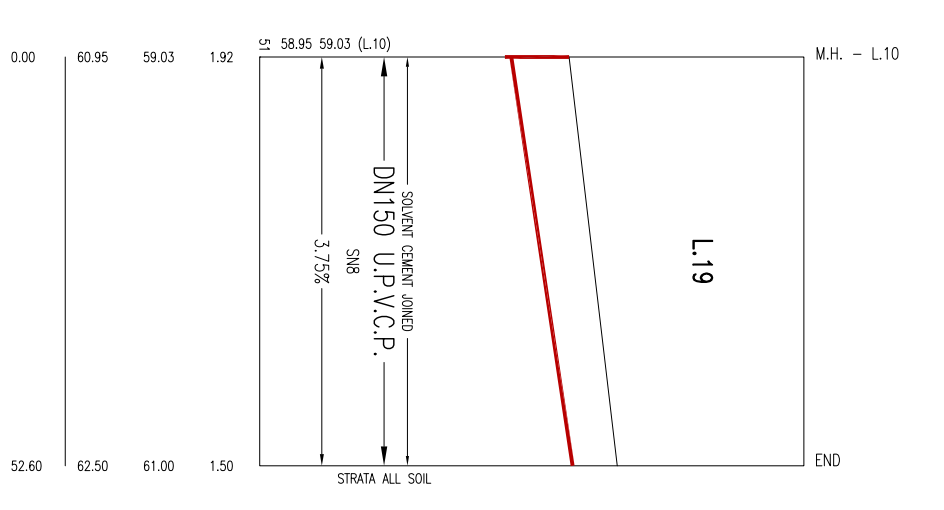
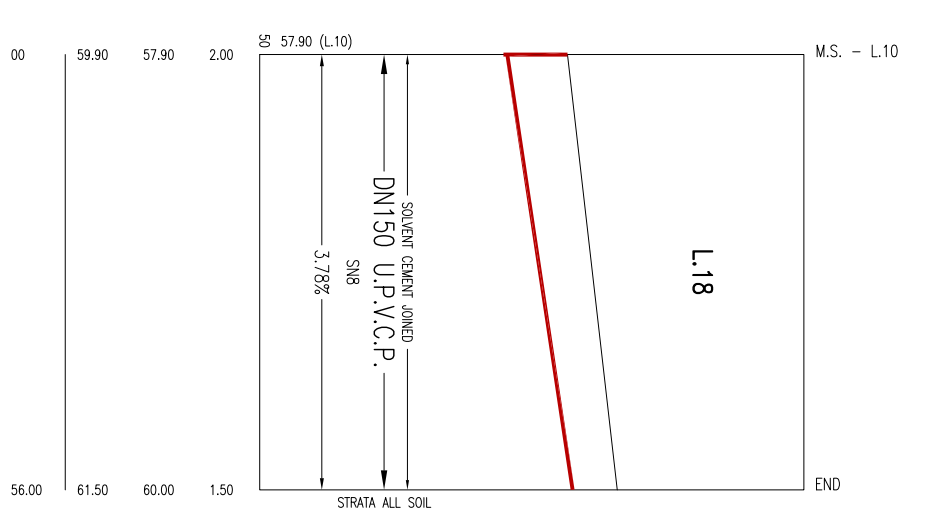
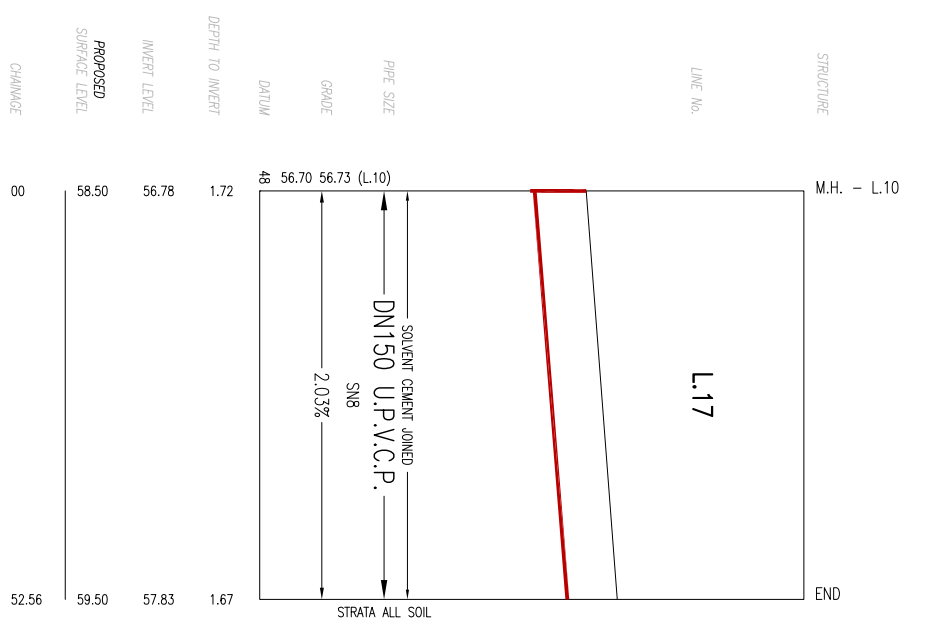
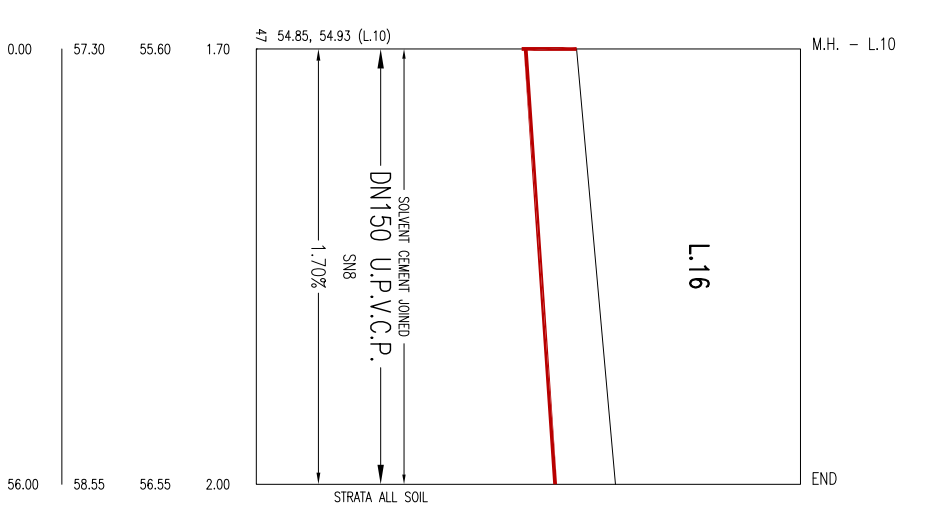
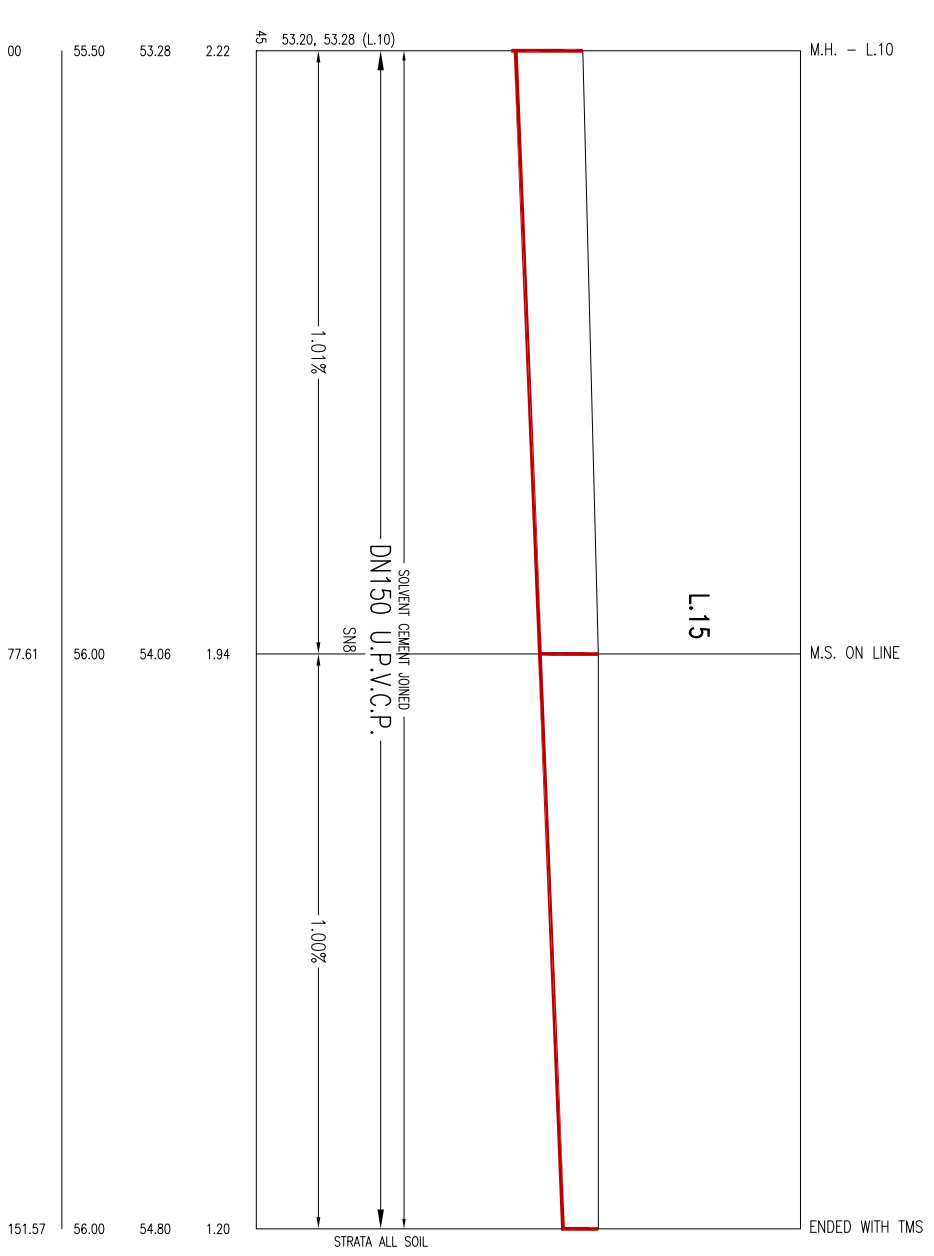
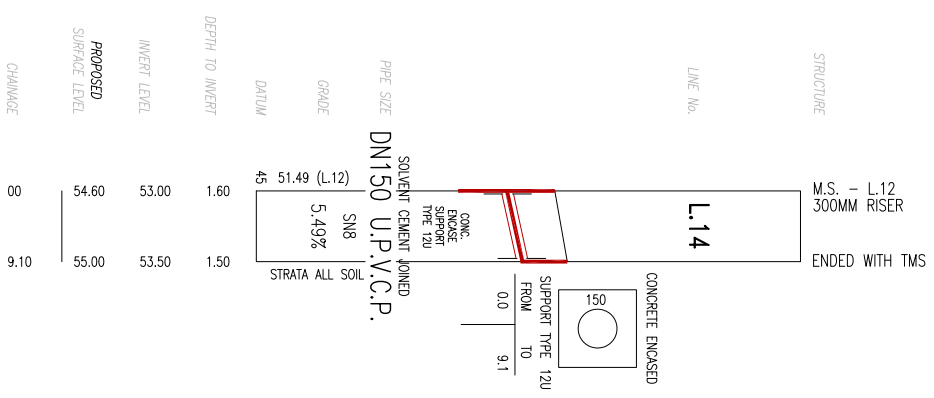
No.	AMENDMENT DESCRIPTION	BY	DATE
5	WORK-AS-CONSTRUCTED	LN	17/3/23
4	AMENDED AS PER SMC COMMENTS	LL	30/9/22
3	ISSUE FOR APPROVAL	LN	27/5/22
2	PRELIMINARY ISSUE	LN	12/5/22
1	PRELIMINARY ISSUE	LN	10/1/22

WORK-AS-CONSTRUCTED CERTIFICATION

DEVELOPER: LEPFO 77 PTY LTD
 W.S.C.: OLSEN INFRASTRUCTURE PTY LTD
 CONSTRUCTOR: C.J. DOWE CONTRACTING SERV.
 COMPLETED: 16.11.22
 W.A.C. PREPARED: 17.03.23

DESIGNER: OLSEN INFRASTRUCTURE PTY LTD
 CHECKED: [Signature]
 APPROVED: [Signature]

SYDNEY WATER CORPORATION
 Case No. 193675WVW | SHT 6 OF 11 SHTS.
 FOR DETAILS OF SERVICES SEE SHEET 1



5	WORK-AS-CONSTRUCTED	LN	17/3/23
4	AMENDED AS PER SMC COMMENTS	AL	30/9/22
3	ISSUE FOR APPROVAL	LN	27/5/22
2	PRELIMINARY ISSUE	LN	12/5/22
1	PRELIMINARY ISSUE	LN	10/1/22
No.	AMENDMENT DESCRIPTION	BY	DATE

WORK-AS-CONSTRUCTED CERTIFICATION DEVELOPER: LECPRO 77 PTY LTD W.A.C.: OLSEN INFRASTRUCTURE PTY LTD CONSTRUCTOR: C.J. DOWDE CONTRACTING SERVICES COMPLETED: 16.11.22 W.A.C. PREPARED: 17.03.23 DESIGNER: OLSEN INFRASTRUCTURE PTY LTD APPROVED: [Signature] THE WORK AS CONSTRUCTED DRAWINGS APPROVED: [Signature] THE WORK AS CONSTRUCTED DRAWINGS		SYDNEY WATER CORPORATION Water Case No. 193575WVW / SHT 7 OF 11 SHTS. SYDNEY WATER CORPORATION FOR DETAILS OF SERVICES SEE SHEET 1
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MAINTENANCE STRUCTURE SCHEDULE

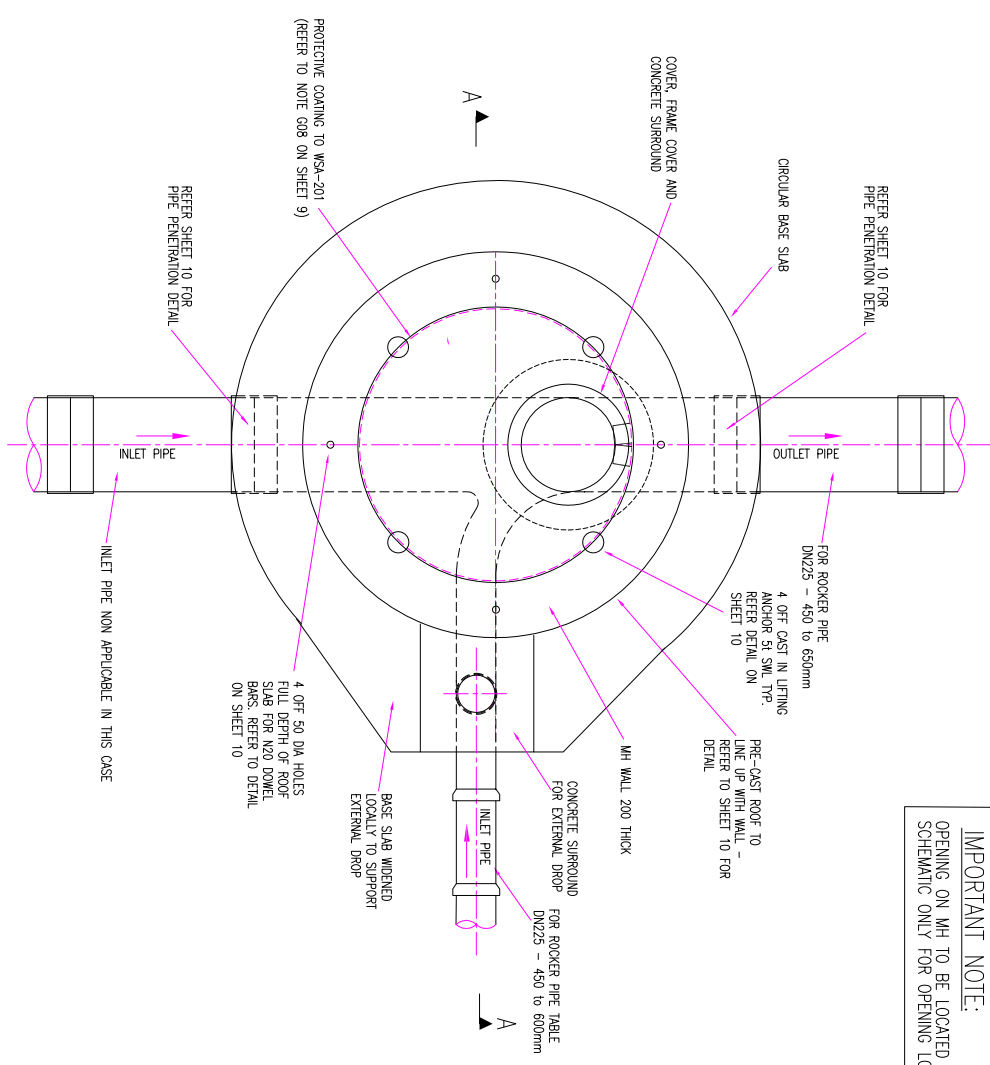
LINE No.	CHAINAGE	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
1	0	MH	-	-	-	EXISTING MH - CONNECTION TO EXISTING DN225 INLET
	28.84	MH	DN1200	B	IN-SITU CONC	DTC-2200 WATER SEALED MH COATING COMPLY WITH WSA 201
	61.29	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 41° DEFLECTION
	67.60	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 33° DEFLECTION
	131.82	MH	DN1050	B	IN-SITU CONC	DTC-2203 LINE 2 & LINE 20 INTERSECTION
	149.84	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 8° DEFLECTION
2	173.57	MH	DN1050	B	U.P.V.C	DTC-2203 LINE 3 INTERSECTION
	178.34	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 45° DEFLECTION
	233.52	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 8° DEFLECTION
	257.25	MH	DN1050	B	IN-SITU CONC	DTC-2203 LINE 5 INTERSECTION
	262.02	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 9 INTERSECTION
	313.20	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 8° DEFLECTION
3	336.94	MH	DN1050	B	IN-SITU CONC	DTC-2203 LINE 7 INTERSECTION
	341.73	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 45° DEFLECTION
	390.15	TMS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137.
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 1 & LINE 20 INTERSECTION
	21.81	END	-	-	-	-
4	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 1 INTERSECTION
	10.18	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. LINE 4 INTERSECTION. MS 90° DEFLECTION
	23.68	END	-	-	-	-
	M					
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
0	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. LINE 3 INTERSECTION. MS 90° DEFLECTION	
33.50	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 90° DEFLECTION	
47.00	END	-	-	-	-	
5	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 4 INTERSECTION
	19.11	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. LINE 6 INTERSECTION. MS 90° DEFLECTION
	22.60	END	-	-	-	-
	M					
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
0	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. LINE 5 INTERSECTION. MS 90° DEFLECTION	
31.50	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 90° DEFLECTION	
34.99	END	-	-	-	-	
6	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 1 INTERSECTION
	22.65	END	-	-	-	-
	M					
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 1 INTERSECTION
27.59	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 90° DEFLECTION	
51.09	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 90° DEFLECTION	
98.22	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS IN-LINE	
173.39	END	-	-	-	-	
7	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 1 INTERSECTION
	22.65	END	-	-	-	-
	M					
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 1 INTERSECTION
21.60	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 1 INTERSECTION	
26.89	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 45° DEFLECTION	
71.78	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 11 INTERSECTION	
86.61	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS IN-LINE	
185.46	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS IN-LINE	
237.61	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 12 INTERSECTION	
261.73	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION	

10	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 9 INTERSECTION
	4.82	MS	DN225	B	U.P.V.C.	TO COMPLY WITH WSA 137. MS 45° DEFLECTION
	50.00	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 8° DEFLECTION
	73.66	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 15 INTERSECTION
	78.48	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 45° DEFLECTION
	103.57	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 16 INTERSECTION
11	123.66	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 8° DEFLECTION
	147.32	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 17 INTERSECTION
	152.15	MS	DN225	B	U.P.V.C.	TO COMPLY WITH WSA 137. MS 45° DEFLECTION
	177.23	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. LINE 18 INTERSECTION. MS 90° DEFLECTION
	197.32	MS	DN225	B	U.P.V.C.	TO COMPLY WITH WSA 137. MS 8° DEFLECTION
	220.98	MH	DN1050	B	IN-SITU	DTC-2203 LINE 19 INTERSECTION
12	225.81	MS	DN300	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 45° DEFLECTION
	249.91	TMS	DN225	B	U.P.V.C.	TO COMPLY WITH WSA 137.
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 9 INTERSECTION
	4.77	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 45° DEFLECTION
	80.58	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS IN-LINE
13	105.57	END	-	-	-	-
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 9 INTERSECTION
	28.50	MS	DN300	B	U.P.V.C	TO COMPLY WITH WSA 137. LINE 14 INTERSECTION. MS 90° DEFLECTION
	80.65	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS IN-LINE
	143.36	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 13 INTERSECTION
14	153.36	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS 90° DEFLECTION
	167.77	TMS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137.
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 12 INTERSECTION
	4.40	TMS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137.
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
0	MS	DN300	B	U.P.V.C	TO COMPLY WITH WSA 137. LINE 12 INTERSECTION. MS 9° DEFLECTION	
9.10	TMS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137.	
15	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION
	77.61	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. MS IN-LINE
	151.57	TMS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137.
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION
56.0	END	-	-	-	-	
16	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION
	56.0	END	-	-	-	-
	M					
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION
52.56	END	-	-	-	-	
17	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION
	52.56	END	-	-	-	-
	M					
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MS	DN225	B	U.P.V.C	TO COMPLY WITH WSA 137. LINE 10 INTERSECTION. 90° DEFLECTION
56.00	END	-	-	-	-	
18	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION
	52.6	END	-	-	-	-
	M					
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION
52.6	END	-	-	-	-	
19	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 10 INTERSECTION
	52.6	END	-	-	-	-
	M					
	0	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
	0	MH	DN1050	B	IN-SITU CONC.	DTC-2203 LINE 1 & LINE 2 INTERSECTION
22.60	MH	DN1050	B	IN-SITU CONC.	DTC-2203 WITH 2 X DN150 INLETS	

5	WORK-AS-CONSTRUCTED	LN	17/3/23
4	AMENDED AS PER SMC COMMENTS	LN	30/9/22
3	ISSUE FOR APPROVAL	LN	27/5/22
2	PRELIMINARY ISSUE	LN	12/5/22
1	PRELIMINARY ISSUE	LN	10/1/22
	AMENDMENT DESCRIPTION	BY	DATE

WORKS AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	LEPROD 27 PTY LTD		
W.S.C.	OLSEN INFRASTRUCTURE PTY LTD		
CONSTRUCTION	CJ DOWLE CONTRACTING SRV.		
COMPLETED	16.11.22		
W.A.C. PREPARED	17.03.23		
DESIGNER	OLSEN INFRASTRUCTURE 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		SYDNEY WATER CORPORATION	

IMPORTANT NOTE:
OPENING ON MH TO BE LOCATED OVER OUTLET CHANNEL SCHEMATIC ONLY FOR OPENING LOCATION ON SECTION A-A



PLAN VIEW OF WATER SEALED MH - SCHEMATIC ONLY
WATERSEALS ON LINES COMING IN FROM SIDE TO MAIN LINE
NOT TO SCALE
DIMENSIONS IN mm

GENERAL NOTES

- G01. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. CONSTRUCTION FROM THESE DRAWINGS, AND THEIR ASSOCIATED CONSULTANT'S DRAWINGS IS NOT TO COMPROMISE UNTIL APPROVED BY LOCAL AUTHORITIES.
- G02. A. SEWERAGE CODE OF AUSTRALIA WSA 02-2002-22 STONEY WATER EDITION 1 - VERSION 3 PART 3.
B. WSA 201-2013-11 MANUAL FOR SELECTION AND APPLICATION OF PROTECTIVE COATINGS AND STONEY WATER SUPPLEMENT TO WSA 201.
C. STONEY WATER LIST OF ACCEPTABLE PRODUCT SPECIFICATIONS.
D. WSA 14-2002 INDUSTRY STANDARD FOR CONCRETE SPECIAL CLASS.
- G03. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT STANDARDS AUSTRALIA CODES AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES.
- G04. ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE BUILDER ON SITE. ENGINEER'S DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- G05. BUILDER TO OBTAIN ALL REQUIRED SURVEY INFORMATION AND TO PROVIDE COPIES OF SURVEY INFORMATION TO THE OWNER AS REQUIRED. THE COST OF ALL SURVEYS ARE TO BE PAID BY THE OWNER/DEVELOPER.
- G06. DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED. TEMPORARY BRACING SHALL BE PROVIDED BY THE BUILDER TO KEEP THE WORKS AND EXCAVATIONS STABLE AT ALL TIMES.
- G07. LINKSAS NOTED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETRES.
- G08. USE OF STANDARD DESIGNS MAY INTRODUCE UNINTENDED SAFETY RISKS FOR SITE SPECIFIC APPLICATION THE USER SHALL ADDRESS SAFETY RISKS THROUGH SITE SPECIFIC ASSESSMENT.
- G09. THE STRUCTURAL COMPONENTS DETAILED ON THESE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH ALL INTERNAL SURFACES INCLUDING THE UNDERSIDE OF THE ROOF SLAB WALLS, SPACER RING BUT EXCLUDING BENCHES AND CHANNEL SHALL BE IMMEDIATELY PROTECTED CONFORMING TO WSA 201 MANUAL FOR SELECTION AND APPLICATION FOR PROTECTIVE COATING INCLUDING SWCS SUPPLEMENT. PROTECTION TO CONSIST OF A SLS LINER WHICH IS A HOPE LINER, APPLICATION AND SURFACE PREPARATION TO BE DONE TO MANUFACTURER'S RECOMMENDATION. CONTACT DETAILS AND QUALIFICATION OF PERSONNEL APPLYING AND WELDING THE LINER TO BE SENT TO THE WSC PRIOR TO UNDERTAKING ANY LINING OF THE MHS AND ESPECIALLY FOR THE WELDING OF THE LINER.

FOUNDATIONS

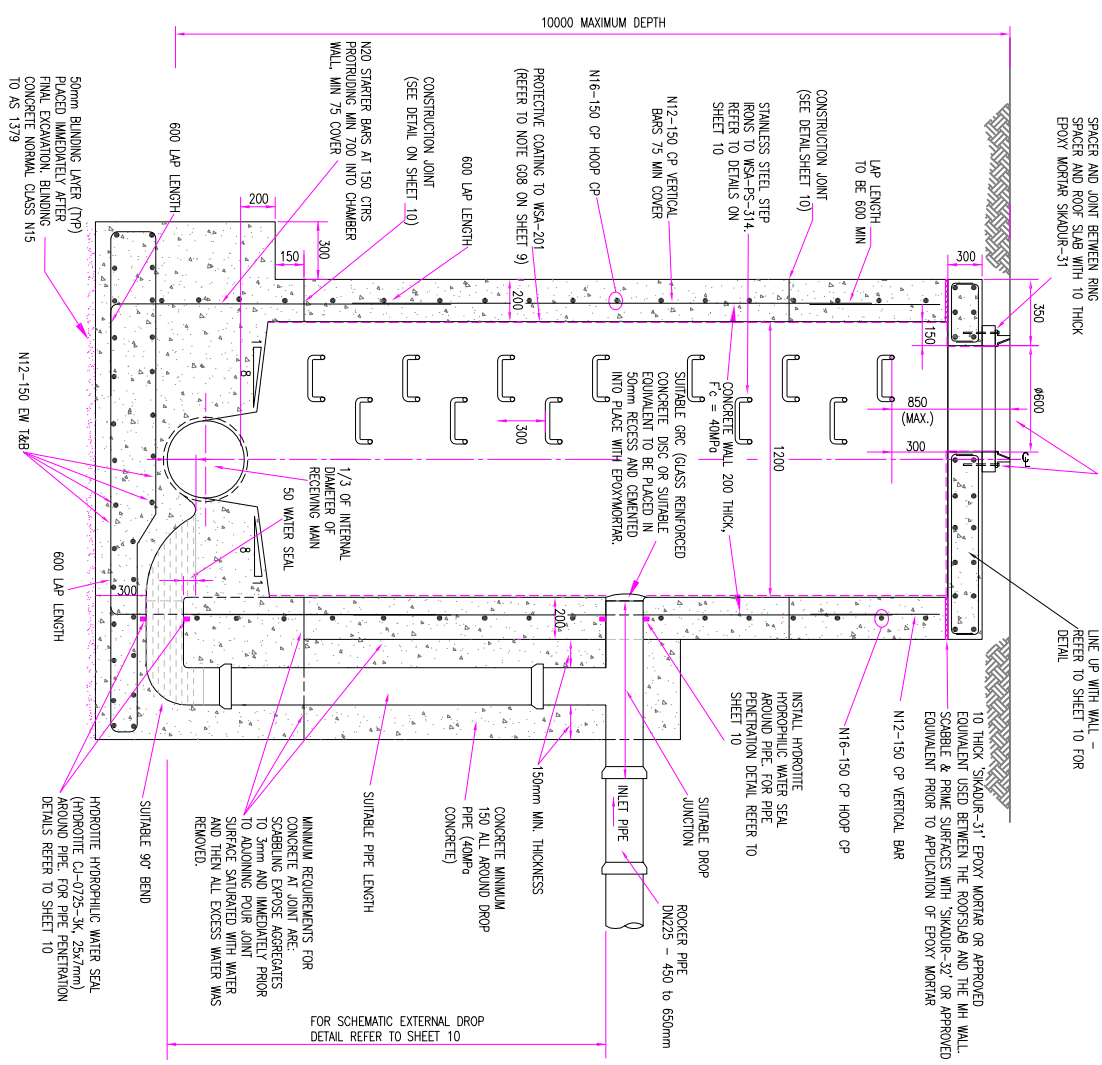
- F01. MINIMUM ALLOWABLE BEARING PRESSURES FOR MAINTENANCE HOLES SHALL BE:

DEPTH TO SEWER INFEET	MINIMUM ALLOWABLE BEARING CAPACITY
0 - 6m	100 kPa
6 - 10m	180 kPa
- F02. THE USER SHALL BE RESPONSIBLE FOR VALIDATING THE MINIMUM ALLOWABLE BEARING PRESSURE.
- F03. ANY OVER EXCAVATION OR VOIDS OF FOUNDATION MATERIALS TO BE FILLED WITH NORMAL BONDING CONCRETE OR BEARING SURFACE SHALL BE SATURATED WITH WATER AND EXCESS REMOVED IMMEDIATELY PRIOR TO POURING CONCRETE BASE.

STRUCTURAL CRITERIA

- S01. SOIL PROPERTIES:
 DENSITY (γ) - 20kN/m³
 COEFFICIENT OF EARTH PRESSURE AT REST Ka=0.5
 - S02. LIVE LOAD SUBJECT TO VEHICULAR TRAFFIC - SMR000 TO AS 5100.2
 NOT SUBJECT TO VEHICULAR TRAFFIC - CLASS 8 TO AS 3096
 SURCHARGE AROUND STRUCTURES = 20kPa
 GROUND WATER AT SURFACE
- FORMWORK**
- F001. FORMWORK AND CONCRETE FINISHES SHALL BE IN ACCORDANCE WITH AS 3610. SURFACE EXPOSED TO VIEW - CLASS 2.
 - F002. CONCRETE SHALL ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa PRIOR TO STRIPPING OF FORMWORK.

DN600 CLASS 0 BOLT DOWN METAL COVER AND FRAME TO WSA 132. FIX METAL FRAME AND RING SPACERS TO ROOF SLAB USING 4-M10 SS 316 ANCHORS 250 LONG WITH 'SKAOUR-31' OR APPROVED EQUIVALENT HITLH HW.



SECTION A-A OF WATERSEALED MH - SCHEMATIC ONLY
NOT TO SCALE
DIMENSIONS IN mm

CONCRETE

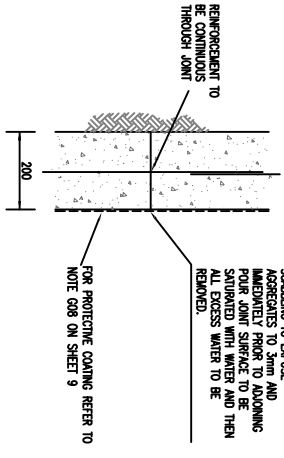
- C01. CONCRETE DIMENSIONS SHOWN DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
- C02. MINIMUM CLEAR COVER TO REINFORCEMENT SHALL BE 75mm UNDO.
- C03. CONCRETE SHALL BE SPECIAL CLASS SCL40 TO WSA 14-2002 EXCEPT AS VARIED BELOW:
 SECTION 6.1 - MIX DESIGN
 MINIMUM FC AT 28 DAYS 40MPa
 MINIMUM BINDER CONTENT 450kg/m³
 MAXIMUM 56 DAY DRYING SHRINKAGE STRAIN 0.45
 MAXIMUM WATER : CEMENT RATIO 0.45
 SLOPE 80-120mm
- SECTION 6.2 - FLY ASH
 THE MAXIMUM AMOUNT OF FLY ASH SHALL BE 25% BY WEIGHT OF THE TOTAL CEMENT MATERIAL.
- SECTION 6.3 - SLAG
 THE MAXIMUM AMOUNT OF SLAG SHALL BE 50% BY WEIGHT OF THE TOTAL CEMENT MATERIAL.
- SECTION 6.5 - AGGREGATES
 THE MAXIMUM NOMINAL SIZE OF AGGREGATE SHALL BE 20mm RECYCLED MATERIAL OR SLAG PRODUCTS SHALL NOT BE USED AS AGGREGATES.
- SECTION 6.7 - CHEMICAL ADmixTURES
 WHERE TWO OR MORE ADmixTURES ARE PROPOSED FOR INCORPORATION INTO A CONCRETE MIX THE MANUFACTURERS SHALL CERTIFY THE COMPATIBILITY OF THE ADmixTURES.

REINFORCEMENT

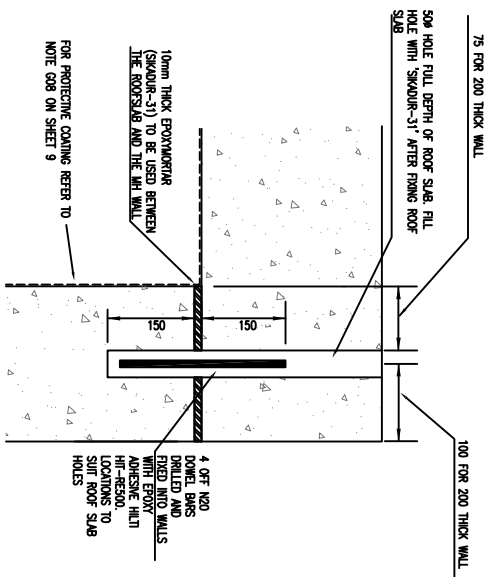
- R01. STEEL REINFORCEMENT SHALL BE TO AS/NZS 4671.
 SHAPE - D
 STRENGTH GRADE = S500Pa
 DUCTILITY CLASS - N
- R02. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY. IT IS NOT NECESSARILY SHOWN IN TRUE PROPORTION.
- R03. DESIGNATION OF REINFORCEMENT BARS IS AS IN EXAMPLE:
 No. OF BARS IN A GROUP - T1 N20-350 EF
 BAR GRADE AND TYPE
 NOMINAL BAR SIZE IN mm - T1
 LOCATION OR COMMENT - EF
 SPACING IN mm - T1
- R04. THE FOLLOWING ABBREVIATIONS APPLY TO THE LOCATION OF REINFORCEMENT:
 EF EACH WAY EF FAR FACE CP CENTRALLY PLACED
 BF EACH FACE BM BOTTOM BB BOTTOM BOTTOM (LAD FIRST)
 NF NEAR FACE TP TOP TT TOP TOP (LAD LAST)
 TYPICAL BAR
- R05. EXTENT OF BARS SHOWN THUS:
- R06. SLICE REINFORCEMENT ONLY AT LOCATIONS SHOWN ON DRAWINGS. LAP LENGTHS TO COMPLY WITH UNLESS NOTED OTHERWISE:
 N12 - 600 LAP
 N16 - 500 LAP
 N20 - 650 LAP
- R07. LOAD BEARING WELDED JOINTS FOR THE TRANSMISSION OF LOADS BETWEEN REINFORCEMENT IS NOT PERMITTED UNLESS THE JOINTS (TACK WELDS) TO KEEP REINFORCEMENT IN POSITION DURING FABRICATION & CONCRETING IS PERMITTED WHERE WELDING SHALL BE IN ACCORDANCE WITH AS 953.3. LAP LEN IS BE REDUCED DUE TO WELDING.

005.	CONCRETE SHALL ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa PRIOR TO BACKFILLING AND TESTING OF STRUCTURES. BACKFILL SHALL BE PLACED AND COMPACTED EVENLY AROUND MAINTENANCE HOLES IN LAYERS NOT EXCEEDING 300mm LOOSE THICKNESS.
006.	CONCRETE SHALL ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa PRIOR TO STRIPPING OF FORMWORK.
007.	CONCRETE SHALL ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 32MPa PRIOR TO BACKFILLING AND TESTING OF STRUCTURES. BACKFILL SHALL BE PLACED AND COMPACTED EVENLY AROUND MAINTENANCE HOLES IN LAYERS NOT EXCEEDING 300mm LOOSE THICKNESS.
008.	CONCRETE SHALL ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa PRIOR TO STRIPPING OF FORMWORK.
009.	CONCRETE SHALL ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa PRIOR TO STRIPPING OF FORMWORK.

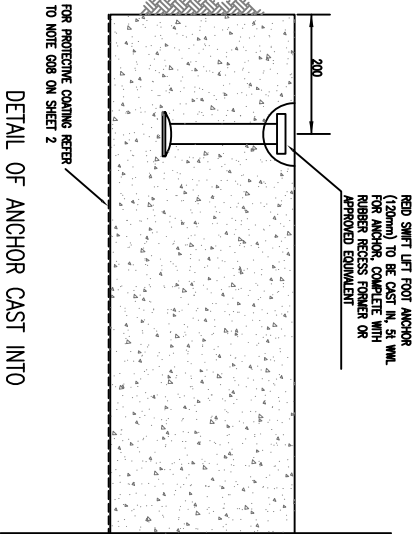
WORKS AS CONSTRUCTED CERTIFICATION	
DESIGNER	OLSEN INFRASTRUCTURE PTY LTD
DEVELOPER	LEPROD 77 PTY LTD
W.S.C.	OLSEN INFRASTRUCTURE PTY LTD
CONSTRUCTION	CJ DOLLE CONTRACTING SEM
W.S.C. PREPARED	17.03.23
Sydney WATER	
Case No.	193575WV
SHT	9 OF 11 SHTS.



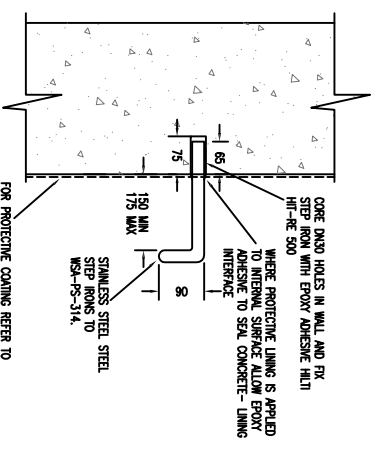
CONSTRUCTION JOINT DETAIL (AT MAX 5.0m SPACING) NOT TO SCALE. DIMENSIONS IN mm



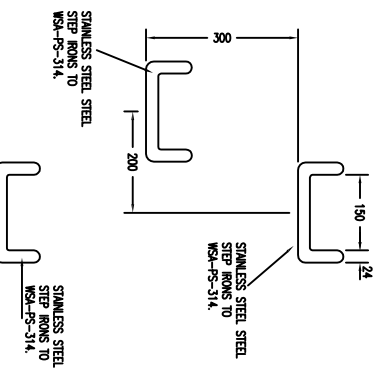
ROOFSLAB-WALL CONNECTION DETAIL NOT TO SCALE. DIMENSIONS IN mm



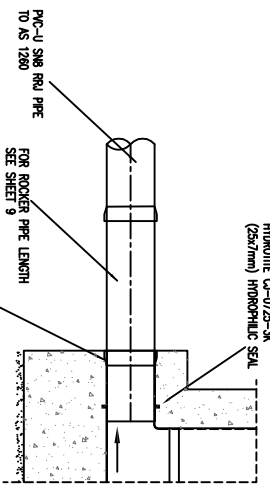
DETAIL OF ANCHOR CAST INTO ROOF SLAB NOT TO SCALE. DIMENSIONS IN mm. NOTES: 1. PRE CAST ROOFSLAB TO HAVE MINIMUM STRENGTH OF 20MPa AT LIFTING. 2. SPROUDER BARS MUST BE USED DURING LIFTING TO ENSURE VERTICAL LIFT FORCE.



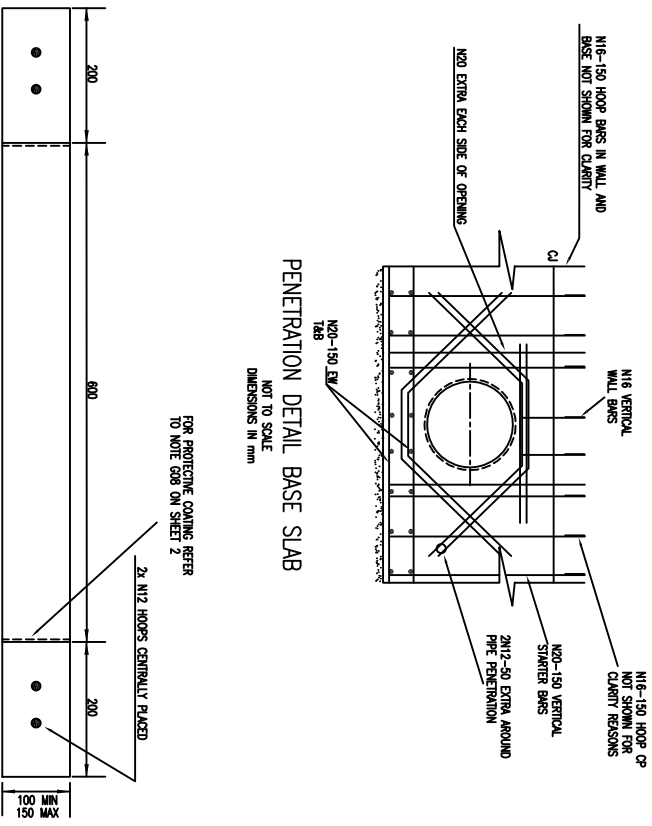
STEP IRON FIXING DETAIL NOT TO SCALE. DIMENSIONS IN mm



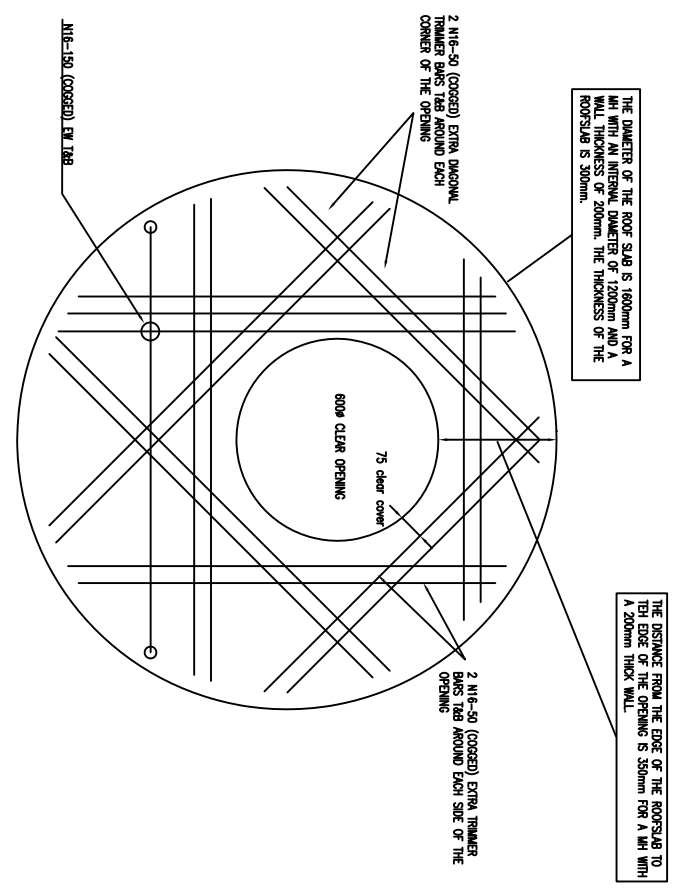
STEP IRON SETOUT DETAIL NOT TO SCALE. DIMENSIONS IN mm



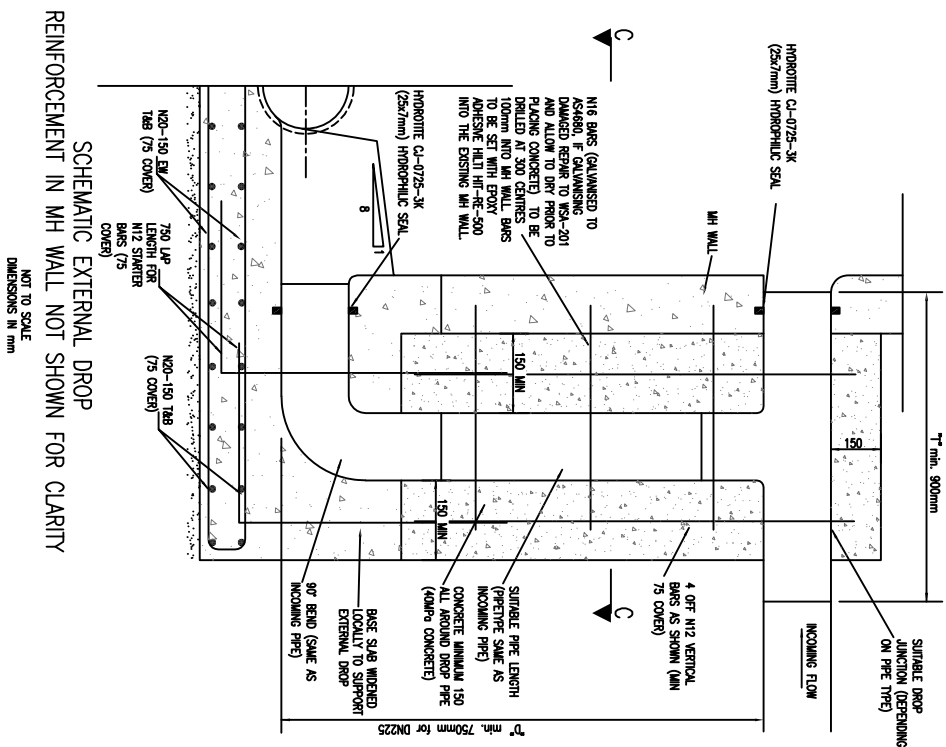
TYPICAL MH BASE PVC RUBBER RING JOINTED NOT TO SCALE



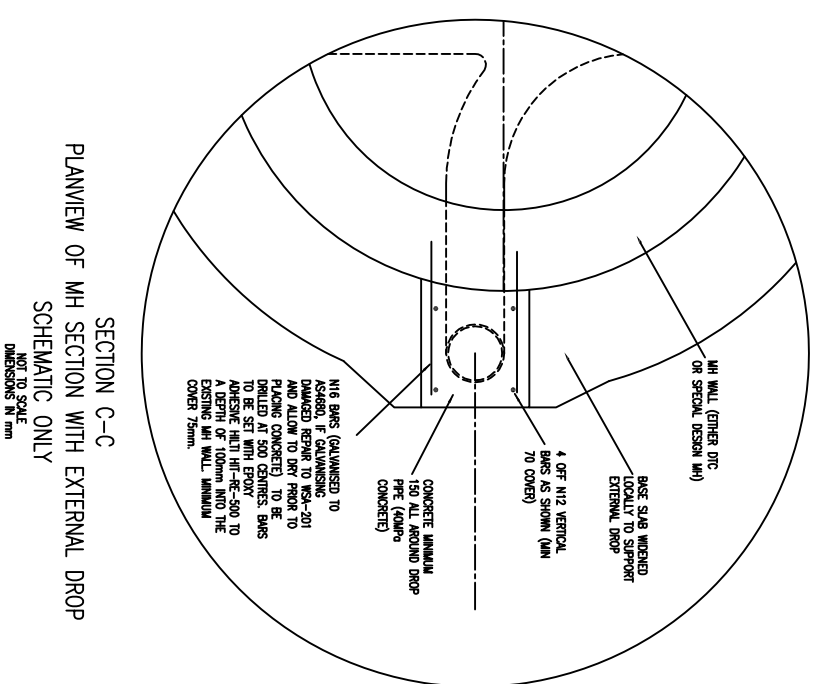
PENETRATION DETAIL BASE SLAB NOT TO SCALE. DIMENSIONS IN mm



SCHEMATIC PLAN VIEW OF CIRCULAR ROOF SLAB REINFORCEMENT OF ROOFSLAB NOT TO SCALE. DIMENSIONS IN mm



SCHEMATIC EXTERNAL DROP REINFORCEMENT IN MH WALL NOT SHOWN FOR CLARITY NOT TO SCALE. DIMENSIONS IN mm



SECTION C-C PLANVIEW OF MH SECTION WITH EXTERNAL DROP SCHEMATIC ONLY NOT TO SCALE. DIMENSIONS IN mm

No.	REVISION	DATE	BY	DESCRIPTION
5	WORK-AS-CONSTRUCTED	LN	17/3/23	
4	AMENDED AS PER SMC COMMENTS	JL	30/9/22	
3	ISSUE FOR APPROVAL	LN	27/5/22	
2	PRELIMINARY ISSUE	LN	12/5/22	
1	PRELIMINARY ISSUE	LN	10/1/22	

AMENDMENT DESCRIPTION	BY	DATE
	LN	17/3/23
	JL	30/9/22
	LN	27/5/22
	LN	12/5/22
	LN	10/1/22

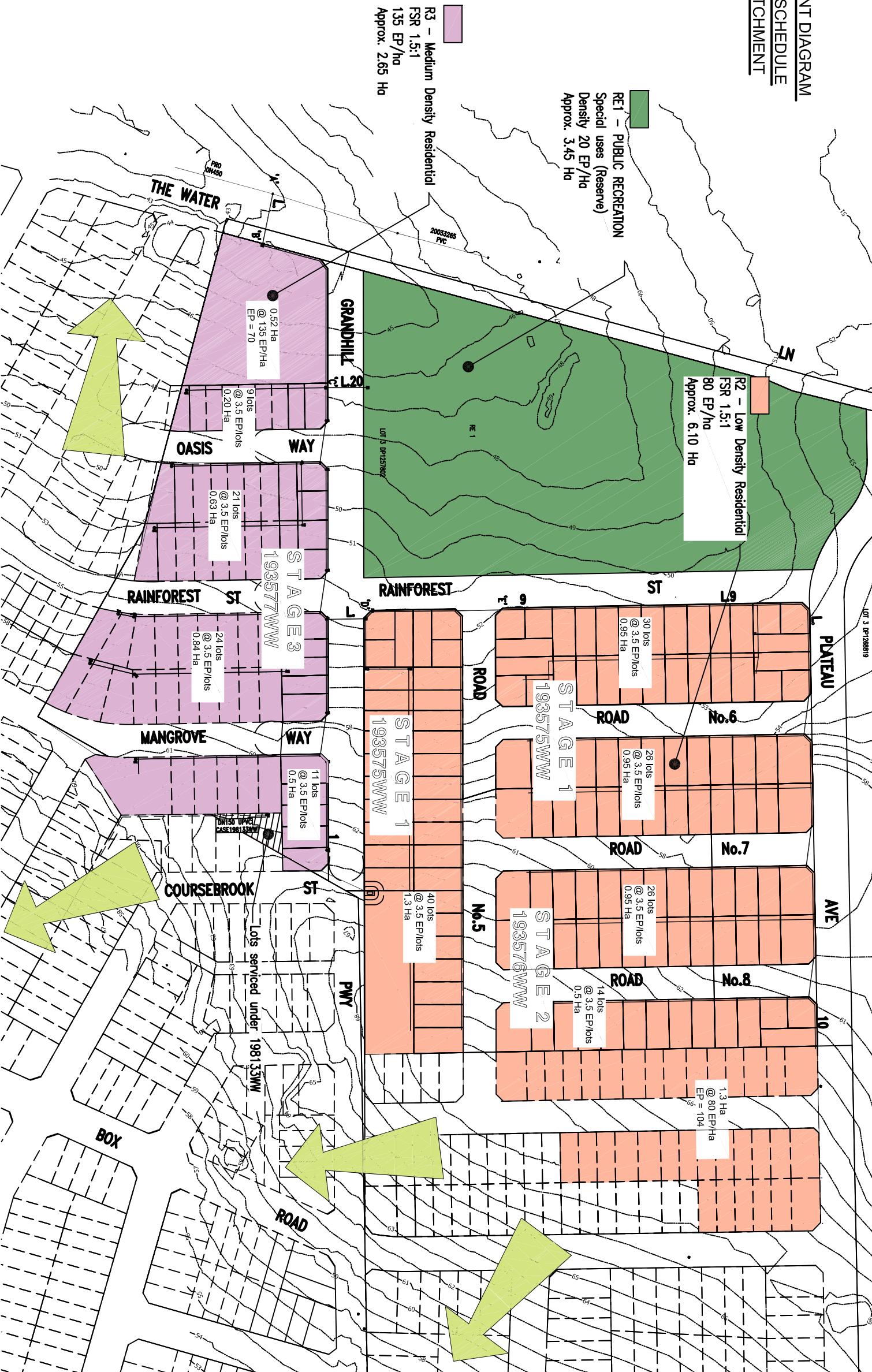
DETAIL OF PRE-CAST RING SPACER	NOT TO SCALE
2x N12 HOOPS CENTRALLY PLACED	
200	
600	
200	
80	
80	

DETAIL OF PRE-CAST RING SPACER	NOT TO SCALE
2x N12 HOOPS CENTRALLY PLACED	
200	
600	
200	
80	
80	

DETAIL OF PRE-CAST RING SPACER	NOT TO SCALE
2x N12 HOOPS CENTRALLY PLACED	
200	
600	
200	
80	
80	

WORKS AS CONSTRUCTED CERTIFICATION
DEVELOPER: LEPROD 27 PTY LTD
W.S.C.: OISEN INFRASTRUCTURE PTY LTD
CONSTRUCTION: CJ JONNE CONSULTING SPN
COMPLETED: 16/11/22
W.A.C. PREPARED: 17/3/23
DESIGNER: OISEN INFRASTRUCTURE PTY LTD
DATE: 17/3/23
SYDNEY WATER CORPORATION
Case No. 193575WW SHT 10 OF 11 SHTS.
FOR DETAILS OF SERVICES SEE SHEET 1

SEWER CATCHMENT DIAGRAM
& SEWER FLOW SCHEDULE
FOR TOTAL CATCHMENT



Medium density
0.52 Ha
Total EP = 70

3.45 Ha @ 20EP/Ha
Total EP = 69
65 Lots @ 3.5EP/Lot
Total EP = 228

40 Lots @ 3.5EP/Lot
Total EP = 140

1.3 Ha @ 80EP/Ha
Total EP = 104
96 Lots @ 3.5EP/Lot
Total EP = 336

FLOW DIAGRAM

DN225 UPVC
GRADE 0.70%
CAPACITY = 38.13 L/s
ACTUAL FLOW = 13.20 L/s

DN225 UPVC
GRADE 0.71%
CAPACITY = 38.41 L/s
ACTUAL FLOW = 12.31 L/s

DN150 UPVC
GRADE 1.0%
CAPACITY = 15.47 L/s
ACTUAL FLOW = 9.73 L/s

DN150 UPVC
GRADE 0.93%
CAPACITY = 15.47 L/s
ACTUAL FLOW = 9.21 L/s

No.	AMENDMENT DESCRIPTION	LN	DATE
1	PRELIMINARY ISSUE	LN	10/1/22
2	PRELIMINARY ISSUE	LN	12/9/22
3	ISSUE FOR APPROVAL	LN	27/9/22
4	AMENDED AS PER SMC COMMENTS	LN	30/9/22
5	WORK-AS-CONSTRUCTED	LN	17/3/23

WORK AS CONSTRUCTED CERTIFICATION

DEVELOPER: LEGROD 77 PTY LTD
W.S.C.: OLSEN INFRASTRUCTURE PTY LTD
CONTRACTOR: C.J. DOOLE CONTRACTING SERV.
COMPLETED: 16/11/22
W.A.C. PREPARED: 17/03/23

DESIGNER: OLSEN INFRASTRUCTURE PTY LTD
ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS

SYDNEY WATER CORPORATION
Case No. 193575WW / SHT 11 OF 11 SHTS.

FOR DETAILS OF SERVICES SEE SHEET 1

DESIGNED: ML
DRAWN: LN
VERIFIED: TO
REVIEWED: TO
APPROVED: TO
ISSUED: 17/3/23
FILE LOCATION: 202116