

NOTES:-

1. WATER SERVING COORDINATOR:
OLSEN INFRASTRUCTURE PTY LTD
PO BOX 552 KELLYVILLE NSW 2155
PH: (02) 9899 4001 FAX: (02) 9899 6005
LegPro: 77A PTY LTD
LEVEL: 45 25 MARTIN PL, STONEY NSW 2000
PH: 9252 1111
 2. ALL LOTS WERE VACANT AT TIME OF SURVEY.
 3. ALL STRUCTURES WERE CONSTRUCTED TO PROPOSED FINISHED SURFACE LEVELS.
 4. THE PROPOSED WORKS DETAILED HERE ON WERE CONSTRUCTED IN ACCORDANCE WITH THE WATER SERVICES ASSOCIATION OF AUSTRALIA (W.S.A.A.) NATIONAL CODES AND APPLICABLE STONEY WATER SUPPLEMENTS AND TECHNICAL REQUIREMENT - MAJOR WORKS SEWER.
SEWER RETICULATION CODE OF AUSTRALIA WSA 02-2002-2.2 VERSION 4 MAY 2017
STONEY WATER SUPPLEMENTS AND APPENDICES
 5. PRIOR TO APPLICATION FOR CONSTRUCTION COMMENCEMENT NOTICE (CCN AUDIT) THE CONSTRUCTOR FORWARDED THE WSG (DELIVERY) THE FOLLOWING DOCUMENTATION OUTLINE:
- O.A. SYSTEM CERTIFICATE OF CURRENTCY.
- CONSTRUCTION PROGRAM (INCLUDING ALL PRECAUTIONS TO MINIMISE INCONVENIENCE, RESTORATION)
- PROPOSED ENVIRONMENTAL PROTECTION MEASURES DURING CONSTRUCTION.
- S.W.M.S.
- DETAILS OF STONEY WATER ACCREDITED PERSONNEL THAT WILL CARRY OUT THE WORKS.
- EVIDENCE OF CURRENT DBRO SERVICES INVESTIGATIONS AND REPORT.
 6. CONSTRUCTOR SUBMITTED COMMENCEMENT NOTICE TO STONEY WATER FIELD OFFICER GIVING A MIN. 48 HOURS PRIOR TO START OF CONSTRUCTION WORKS.
 7. CONSTRUCTOR INSTALLED NON-DETECTABLE TAPE & RAISED TO THE SURFACE AT ALL JUNCTIONS.
 8. PIPES CONCRETE ENCASED SHOWN ACCORDINGLY:
 9. ALL LEVELS ELECTRONICALLY GENERATED, NO LEVEL BOOK AVAILABLE.
 10. THE MINIMUM NUMBER OF FIELD COMPACTION TESTS REQUIRED TO SATISFY THE SEWERAGE CODE OF AUSTRALIA ARE:
- PIPE EMBEDEDMENT ZONE: NIL (BASED ON WSA 02-2002 PART 3 Q.22.3.3.1)
- TRENCH FILL ZONE: TRAFFICABLE (1 PER 300mm LAYER / 50m)
- TRENCH FILL ZONE: NON TRAFFICABLE (1 PER 900mm LAYER / 100mm) : 10
- ADJACENT M.H. / M.S. : 2 PER M.H. / M.S. : 15
 11. ALL M.H. AND M.S. COVERS ARE CLASS 'D' OR CLASS 'B' WHERE SHOWN.
 12. NEW CUSTOMER DRAINAGE CONNECTIONS CONSTRUCTED CONCURRENTLY WITH THE NEW SEWER WERE CONSTRUCTED BY A LICENSED PLUMBER. THE WORKS WERE INSTALLED IN ACCORDANCE WITH THE CURRENT NSW CODE OF PRACTICE FOR PLUMBING AND DRAINAGE AND AS/NZS3500. THE CUSTOMER DRAINAGE CONNECTION WAS INSPECTED BY A NSW FAR TRADING PLUMBING INSPECTION ASSURANCE SERVICE (PAS) OFFICER PRIOR TO BACKFILL.
 13. A REGISTERED SUPERVISOR VERIFIED EXISTING INVERT LEVELS, LOCATION AND LEVEL OF EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTOR OBTAINED AN UPDATED SERVICES SEARCH (DBRO)
 14. THIS PLAN WAS READ IN CONJUNCTION WITH DEEMED TO COMPLY DRAWINGS LISTED BELOW:
• DTC 2000 - REV. A - 18/3/15
• DTC 2120 - REV. A - 18/3/15
• DTC 2203 - REV. B - 18/3/15
• DTC 2220 - REV. D - 18/3/15
• DTC 2221 - REV. B - 1/3/13
• DTC 2222 - REV. C - 18/3/15
 15. ALL MAINTENANCE CHAMBERS COMPLIED WITH WSA 137 WATER INDUSTRY STANDARDS FOR MAINTENANCE SHAFTS AND CHAMBERS FOR SEWERAGE.
 16. PEP JUNCTION IS DN150 x 100.
 17. ⊕ JUNCTIONS FOR LOTS 415-421 PROVIDED UNDER CASE 193575WW
 18. * JUNCTION FOR LOT 414 PROVIDED UNDER CASE 193575WW
 19. THIS PLAN USES GDA2020 COORDINATES.
- ENVIRONMENTAL NOTES:-
- E1. AREAS DOWNSLOPE OF CONSTRUCTION ACTIVITY WERE ADEQUATELY PROTECTED FROM SEDIMENT POLLUTION ETC. SILT TRAP DEVICES WERE INSTALLED PRIOR ANY CONSTRUCTION ACTIVITY, EFFECTIVELY MAINTAINED AND WERE REMOVED ONLY AFTER THE AREA HAD BEEN SATISFACTORILY REGENERATED.
 - E2. ALL STORMWATER GRATES DOWNSLOPE OF CONSTRUCTION ACTIVITY WERE ADEQUATELY PROTECTED BY STRAWBLES WRAPPED IN GEOTEXTILE FABRIC.
 - E3. ALL OPEN CHANNELS AND OPEN DRAINAGE LINES DOWNSLOPE OF CONSTRUCTION ACTIVITY WERE ADEQUATELY PROTECTED BY STRAWBLES OR GEOTEXTILE FENCE.
 - E4. THE EXTENT OF CLEARING OF VEGETATION WAS KEPT TO AN ABSOLUTE MINIMUM NECESSARY TO EFFECT THE WORKS.

No.	AMENDMENT DESCRIPTION	BY	DATE
4	WORK AS CONSTRUCTED	J.L.	20.12.23
3	AMENDED AS PER SMC COMMENTS	BK	18.05.23
2	ISSUE FOR APPROVAL	BK	23.03.23
1	PRELIMINARY ISSUE	L.N.	6/3/23

No.	UTILITIES	TYPE	DATE	REF.
1	WATER	DN100 Water	NOV 2021	HDBA
2	SEWER	DN100 Sewer	NOV 2021	HDBA
3	PROP. STORMWATER	SNB	NOV 2022	ENG PLAN

WORK AS CONSTRUCTED CERTIFICATION	DESIGNER	DATE
LegPro 77A PTY LTD	OLSEN INFRASTRUCTURE PTY LTD	20.12.23

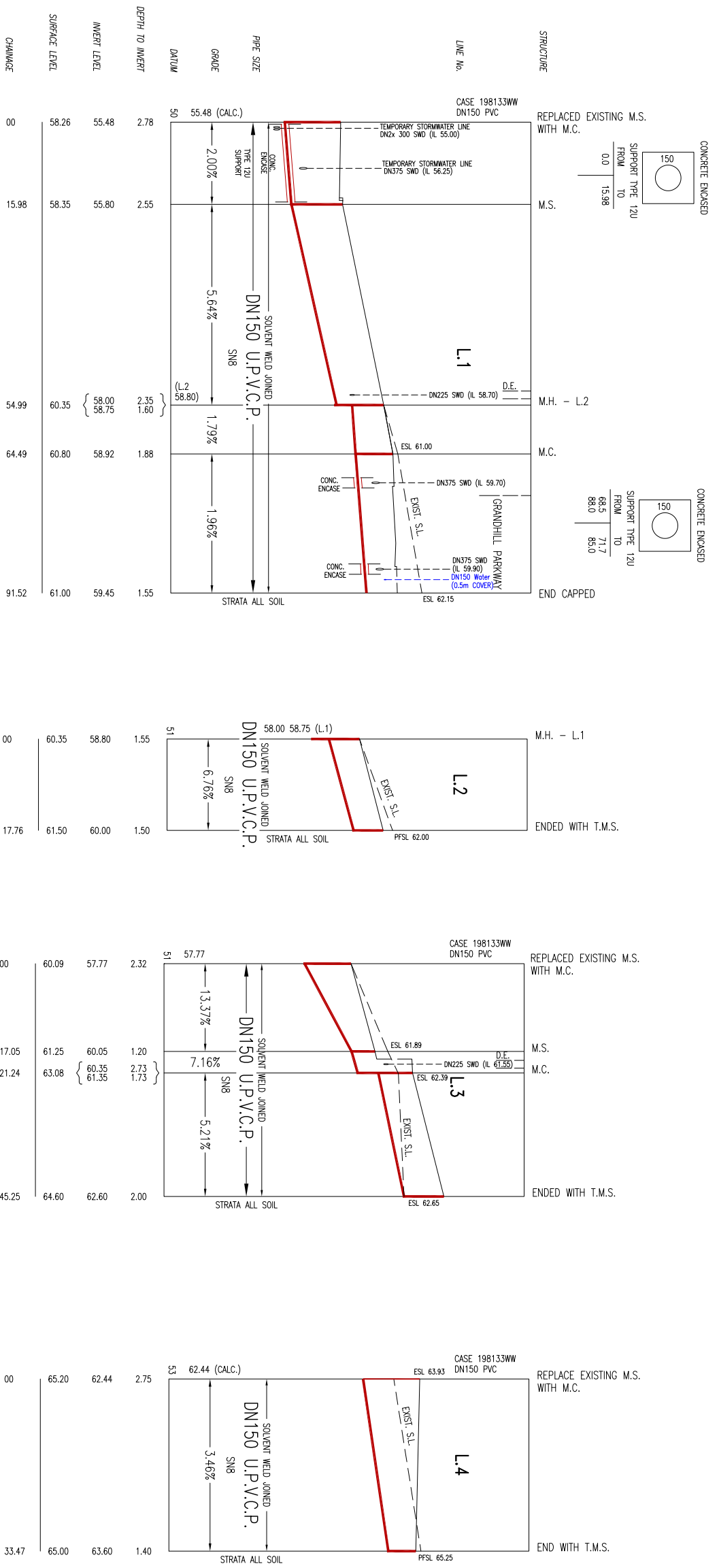
PIPE SCHEDULE	SIZE	TYPE	CLASS	LENGTH	PIPE JOINTING METHOD / NOTES
NO BOUNDARY TRAPS REQUIRED.	150	U.P.V.C.	SNB	188.0	SOLOVENT WELD

AUSTRALIAN HEIGHT DATUM	SCALES
PLAN: 1:500	HOR.: 1:500
VERT. SECTIONS: 1:125	VERT.: 1:125

NO AMENDMENTS ARE TO BE MADE TO THIS PLAN WITHOUT REFERENCE TO STONEY WATER. THIS PLAN IS NOT NECESSARILY UP TO DATE OR CORRECT AND STONEY WATER ACCEPTS NO RESPONSIBILITY.
UB DIRECTORY: 120 ULM-3 (41st Edition)

SYDNEY WATER CORPORATION
SYDNEY WATER
Case No. 202840WW
THE HILLS SHIRE SEWERAGE
DRAINS TO
CHAIN OF PONDS CARRIER S.4
VIA S.P.S. 1154

PLANNING	DESIGNER	DATE
PLANNING AT LEAST 48 HOURS NOTICE.	OLSEN INFRASTRUCTURE PTY LTD	20.12.23



MAINTENANCE STRUCTURE SCHEDULE

LINE No.	CHANGE	MH MS TMS	DN RISER	COVER CLASS	MATERIAL	COMMENTS
1	0	MC	DN600	B	PP	TO COMPLY WITH WSA 137
	15.98	MS	DN300	B	U.P.V.C.	TO COMPLY WITH WSA 137
	54.99	MH	DN1050	B	IN-SITU CONC.	DTC 2203 & LINE 2 IN CONJUNCTION
2	0	MH	DN1050	B	IN-SITU CONC.	DTC 2203 & LINE 1 IN CONJUNCTION
	17.76	TMS	DN300	B	U.P.V.C.	TO COMPLY WITH WSA 137.
3	0	MC	DN600	B	PP	EXISTING MS - CONNECTION TO EXISTING DN150 INLET
	17.05	MS	DN300	B	U.P.V.C.	TO COMPLY WITH WSA 137
	21.24	MC	DN600	B	PP	TO COMPLY WITH WSA 137
	45.25	TMS	DN300	B	U.P.V.C.	TO COMPLY WITH WSA 137.
4	0	MC	DN600	B	PP	TO COMPLY WITH WSA 137.
	33.47	TMS	DN300	B	U.P.V.C.	TO COMPLY WITH WSA 137.

4	WORK AS CONSTRUCTED	J.L.	15.01.24
3	AMENDED AS PER SWC COMMENTS	BK	18.05.23
2	ISSUE FOR APPROVAL	BK	23.03.23
1	PRELIMINARY ISSUE	L.N.	06/3/23
No.	AMENDMENT DESCRIPTION	BY	DATE

WORK AS CONSTRUCTED CERTIFICATION

DEVELOPER: LegPro 77A PTY LTD

W.S.C.: OLSEN INFRASTRUCTURE PTY LTD

CONSTRUCTOR: CJ DOWLE CONTRACTING SERVICES PTY LTD

COMPLETED: 06.11.23

W.A.C. PREPARED: 20.12.23

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. 202940WW / SHT 2 OF 3 SHTS.

FOR DETAILS OF SERVICES SEE SHEET 1