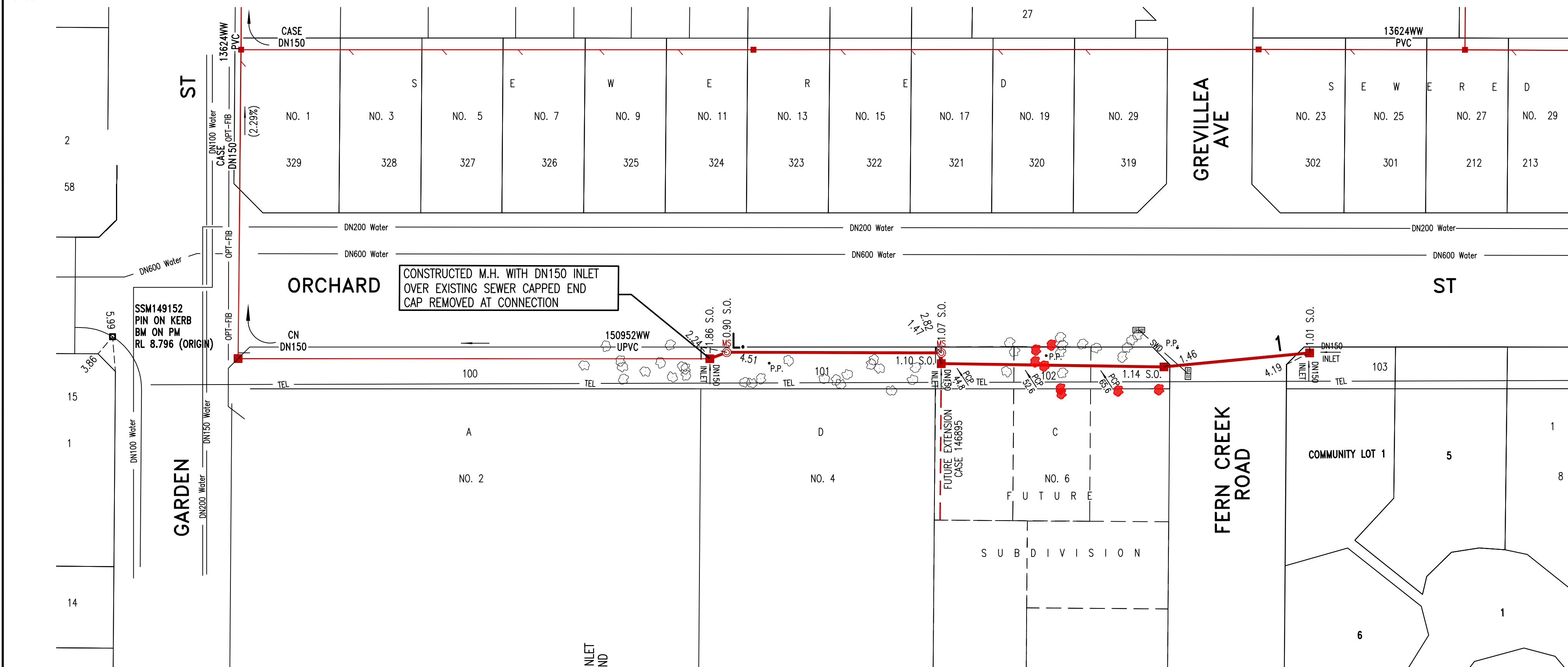


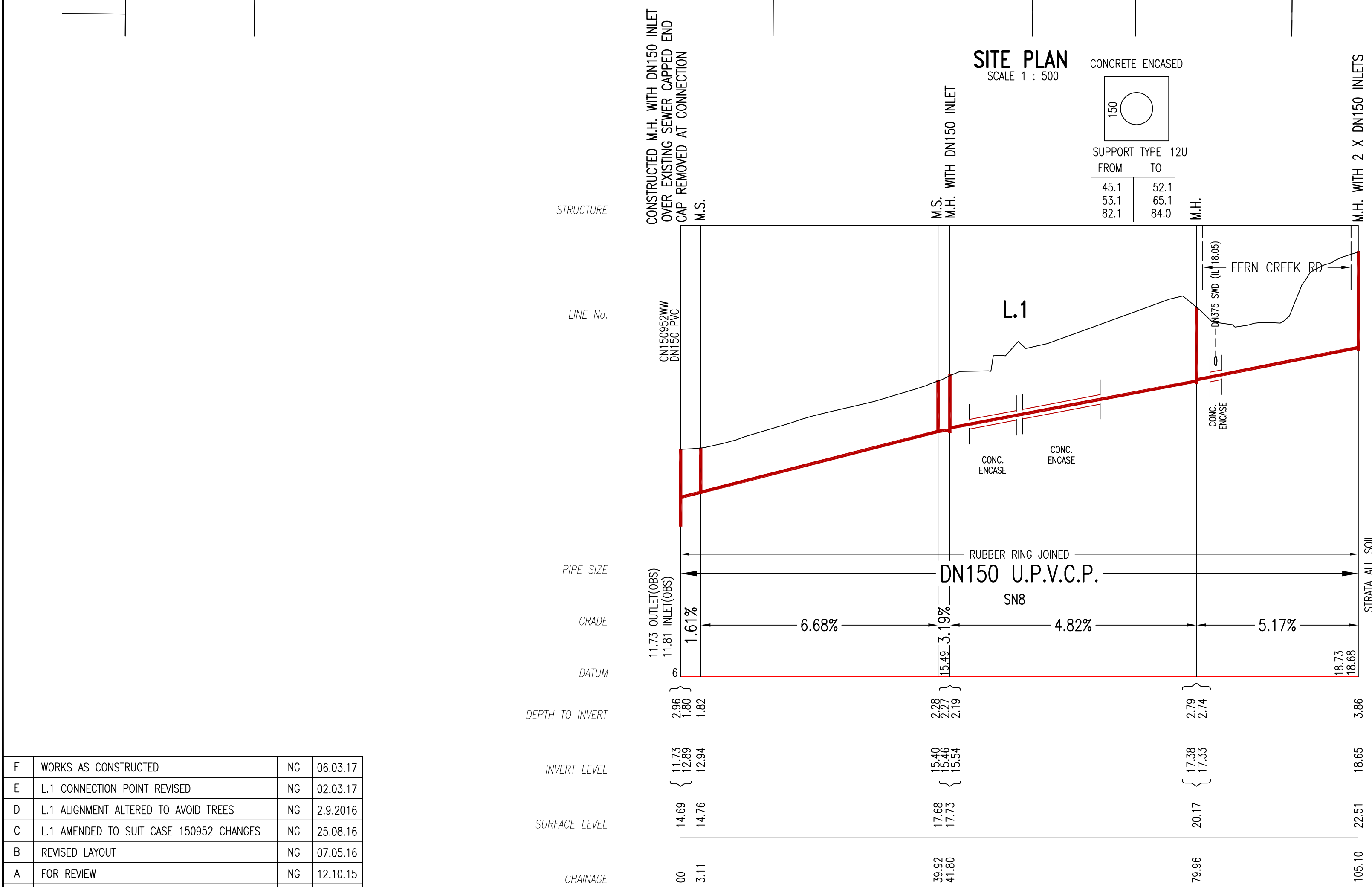


1. WATER SERVICE CO-ORDINATOR:
RMA INFRASTRUCTURE PTY LTD
SHOP 6 - 2 CASTLEREAGH STREET PENRITH N.S.W 2750
PH. 4722274. REFERENCE No.W-10308
FOR DEP WARRIEWOOD No.2 P/L
C/O NORTHROP CONSULTING ENGINEERS PTY LTD
L11, 345 GEORGE ST, SYDNEY N.S.W 2000 PH: 9241 4188
2. THE WORKS AND MATERIAL ARE IN ACCORDANCE WITH THE SEWER RETICULATION 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.
3. ALL LOTS WERE VACANT AT TIME OF SURVEY.
4. ALL STRUCTURES CONSTRUCTED TO PROPOSED FINISHED SURFACE LEVELS.
5. PIPES CONCRETE ENCASED SHOWN ACCORDINGLY:

EACH SECTION OF PIPE SHALL BE CONCRETE ENCASED IN THE FOLLOWING MANNER :
• EACH PIPE JOINT REQUIRES A 12mm THICK COMPRESSIBLE MEMBRANE INSERTED.
• AT THE ENDS OF EACH SECTION OF ENCASEMENT A 600mm ROCKER PIPE INSTALLED.
6. AREAS HATCHED THUS NOT DRAINED.
7. WORKS WITHIN 40 METRES FROM ANY CREEK OR WATER COURSE CARRIED OUT IN ACCORDANCE WITH SPECIFICATIONS OR APPROVALS GRANTED FROM THE DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE. NO WORKS COMMENCED PRIOR TO AUTHORISATION FROM THE SITE SUPERINTENDENT.
8. ALL LEVELS ELECTRONICALLY GENERATED. NO LEVEL BOOK AVAILABLE.
9. CURRENT SERVICES SEARCH & SITE CHECK OF ALL EXISTING SERVICES WAS UNDERTAKEN PRIOR TO THE COMMENCEMENT OF WORK & APPROPRIATE PROCEDURES, PRECAUTIONS AND CARE WERE TAKEN BY THE CONSTRUCTOR WHEN WORKING IN CLOSE PROXIMITY TO SERVICES. THE CONSTRUCTOR VERIFIED THE EXACT LOCATION OF ALL EXISTING SERVICES DURING CONSTRUCTION AND ANY DAMAGE TO EXISTING SERVICES WAS RECTIFIED AT THE CONSTRUCTORS EXPENSE.
10. THE MINIMUM NUMBER OF FIELD COMPACTION TESTS REQUIRED TO SATISFY THE SEWAGE CODE OF AUSTRALIA ARE:
a) PIPE EMBEDMENT ZONE: 0 (SEE BELOW NOTES)
- FOR RETICULATION SEWERS (UP TO DN300), NO COMPACTION TEST IS REQUIRED PROVIDED THAT 7mm, 10mm OR 14mm NOMINAL SINGLE-SIZE AGGREGATES ARE PLACED, SPREAD, AND TAMPED IN LAYERS NOT GREATER THAN 200MM TO FILL UP ALL THE VOIDS AROUND THE PIPE. SYDNEY WATER APPROVAL IS REQUIRED FOR SEWERS LARGER THAN DN300 PRIOR TO CONSTRUCTION. THE CONSTRUCTOR IS REQUIRED TO PROVIDE EVIDENCE THAT THE CORRECT SIZE AGGREGATE HAS BEEN USED OVER THE ENTIRE TRENCH AREA. THIS MAY BE IN THE FORM OF DELIVERY DOCKETS.
- IF EMBEDMENT MATERIALS OTHER THAN SINGLE-SIZE AGGREGATES ARE USED, COMPACTION TESTS EITHER IN THE FORM OF PRE-QUALIFICATION TESTING OR IN-SITU TESTING AS NOMINATED IN THE CODE SHALL BE UNDERTAKEN FOR ALL SEWERS. THE NUMBER OF TESTS TO SATISFY THIS REQUIREMENT: 2
b) TRENCH FILL ZONE:
TRENCHES IN ROADWAYS: 9 (OR STABILISED SAND BACKFILL)
TRENCHES NOT IN ROADWAY: 3
c) COMPACTION TESTS AROUND MAINTENANCE HOLES: 12
IT WAS THE CONTRACTORS LISTED FIELD TESTER'S RESPONSIBILITY TO ENSURE THE CORRECT NUMBER OF TESTS ARE CARRIED OUT TO SATISFY THE SEWAGE CODE OF AUSTRALIA.



SITE PLAN
SCALE 1 : 500



F	WORKS AS CONSTRUCTED	NG	06.03.17
E	L1 CONNECTION POINT REVISED	NG	02.03.17
D	L1 ALIGNMENT ALTERED TO AVOID TREES	NG	2.9.2016
C	L1 AMENDED TO SUIT CASE 150952 CHANGES	NG	25.08.16
B	REVISED LAYOUT	NG	07.05.16
A	FOR REVIEW	NG	12.10.15
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						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.	PIPE SCHEDULE											
	WATER: DN100 Water		22.04.16	DB4UDIG					SIZE DN	TYPE	GLASS	LENGTH	PIPE JOINING METHOD / NOTES							
	STORMWATER: SWD		22.04.16	SURVEY					150	U.P.V.C.	SN8	105.10	R.R.J.							
	TELSTRA: TEL		22.04.16	DB4UDIG																
DEVELOPER DEP. WARRIEWOOD No2 P/L												AUSTRALIAN HEIGHT DATUM								
WATER SERVICE CO-ORDINATOR RMA INFRASTRUCTURE P/L																				
CONSTRUCTOR KILLARD EXCAVATIONS P/L												SCALES								
COMPLETED 23.02.17 W.A.C. PREPARED 06.03.17																				
DESIGNER RMA INFRASTRUCTURE P/L												PLAN 1:500 SECTION { HOR. 1:500 VERT. 1:125								
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS.																				
DESIGN HEAD, . . . m												NO BOUNDARY TRAPS REQUIRED.								
												CROSS SECTIONS NATURAL								
												LENGTHS, DEPTHS & LEVELS ARE IN METRES.								
												SHEET . 1 . OF . 1 . File No. N/A								
												PITTWATER SEWERAGE DRAINS TO GARDEN STREET CARRIER SEC.1 WARRIEWOOD S.T.P.								
												Case No. 146021WW								
												U.B. DIRECTORY . . . Map 138 C9 41st Edition . . .								
												PIT 1100 ELECTRICITY Ph. GAS Ph. TELECOMMUNICATIONS Ph. GIVING AT LEAST 48 HOURS NOTICE.								