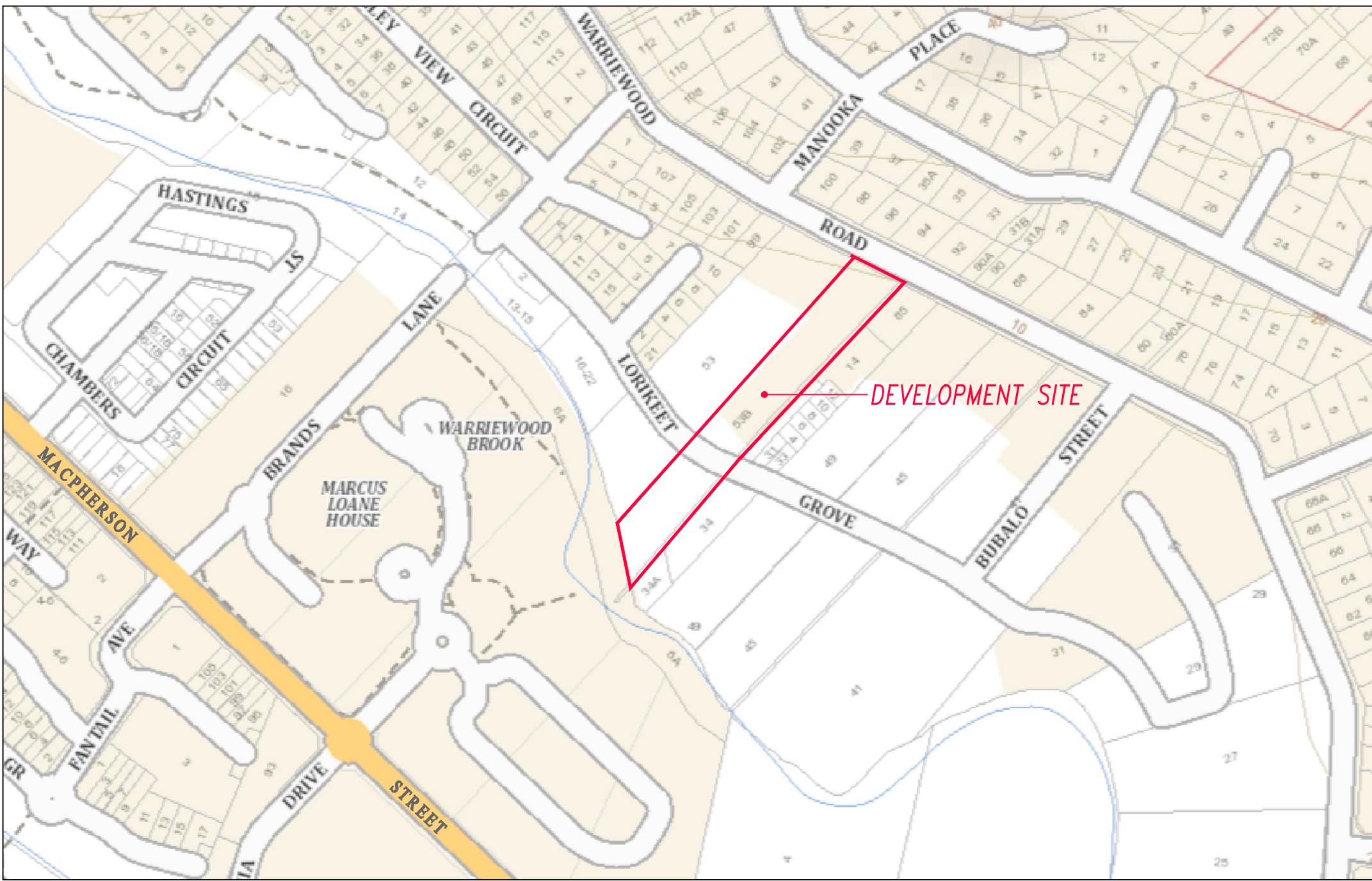


DRAWING LIST			
DWG. No.	TITLE	REVISION	DATE
1-X	COVER SHEET	01	
2-X	GENERAL LAYOUT 1 OF 1	01	
3-X	LONGITUDINAL SECTION 1, 2 & 3	01	

MAINTENANCE STRUCTURE SCHEDULE						
LINE No.	CHAINAGE	TYPE	DN RISER	CLASS OF COVER	MATERIAL	COMMENTS
1	0.00	M.H.	1200	B	CONC.	DTC-2202 ISSUE E 18-MAR-15
1	30.77	T.M.S.	300	B	PVC	ANYROO TERMINAL ELBOW OR APP'D EQUIV.
1	49.03	M.S.	225	B	PVC	ANYROO CENTRAL ACCESS M.S. OR APP'D EQUIV.
1	57.89	M.S.	225	B	PVC	ANYROO CENTRAL ACCESS M.S. OR APP'D EQUIV.
1	143.38	T.M.S.	225	B	PVC	ANYROO TERMINAL ELBOW OR APP'D EQUIV.
2	12.23	T.M.S.	225	B	PVC	ANYROO TERMINAL ELBOW OR APP'D EQUIV.
3	0.00	M.S.	225	B	PVC	ANYROO CENTRAL ACCESS M.S. OR APP'D EQUIV.
3	7.82	M.S.	225	B	PVC	ANYROO CENTRAL ACCESS M.S. OR APP'D EQUIV.
3	22.36	T.M.S.	225	B	PVC	ANYROO TERMINAL ELBOW OR APP'D EQUIV.



LOCALITY PLAN


(NOT TO SCALE)

**NOT FOR
CONSTRUCTION**

NOTES :-

WATER SERVICING CO-ORDINATOR,
SURVEY, DESIGN & FINAL PLANS PREPARED BY:
MetroWater MANAGEMENT
P.O. BOX 3220, RHODES NSW 2138
PH. 9876-8395 FAX 9869-2341


FOR: XX PTY LTD
XX
PH. XX

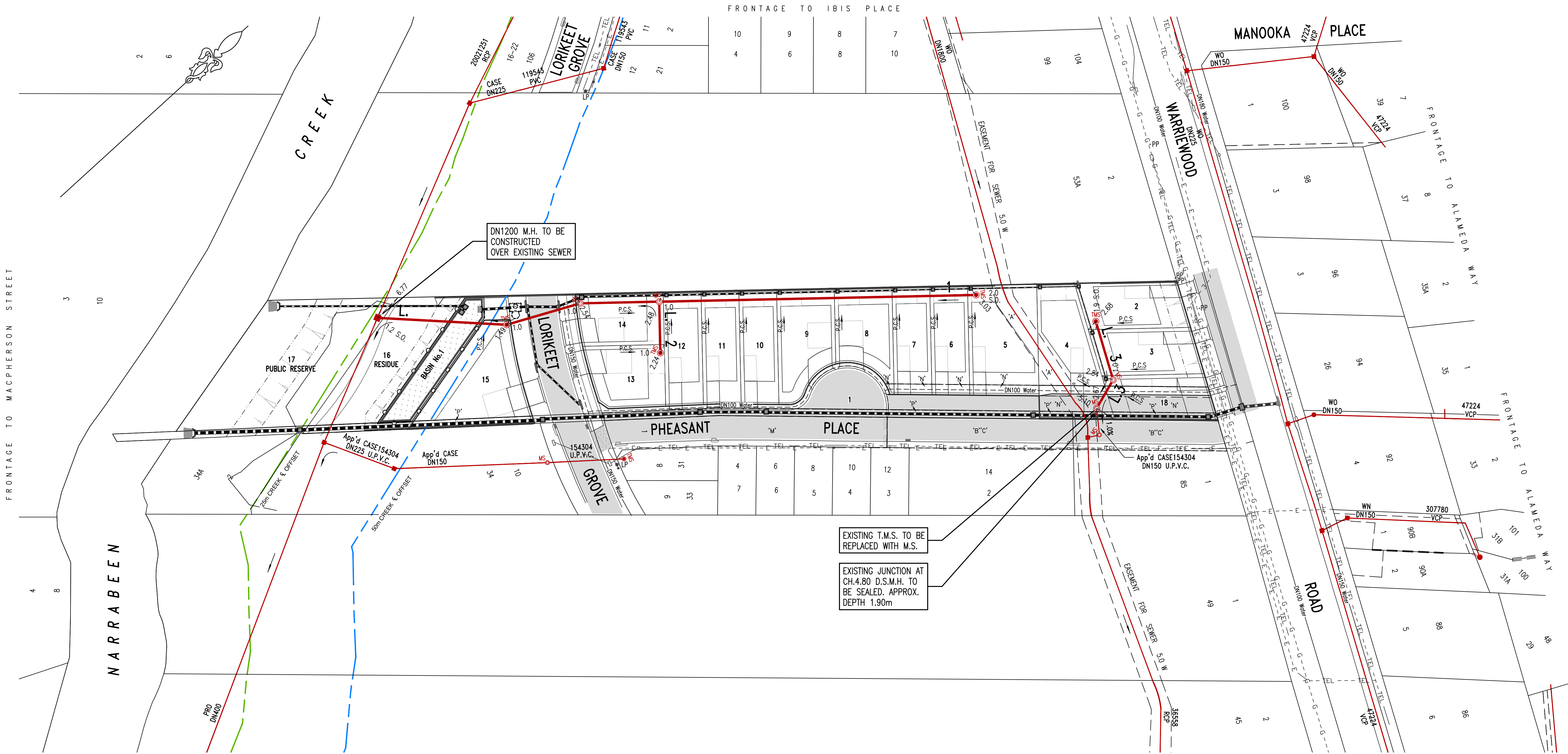
3. ALL LOTS WERE VACANT AT TIME OF SURVEY.
4. ALL STRUCTURES TO BE CONSTRUCTED TO PROPOSED FINISHED SURFACE LEVELS. THE CONSTRUCTOR IS TO LIAISE WITH THE SITE SUPERINTENDENT/CIVIL CONTRACTOR TO VERIFY ALL FINAL LEVELS.
5. PIPES TO BE CONCRETE ENCASED SHOWN ACCORDINGLY: 
6. ALL LEVELS ELECTRONICALLY GENERATED. NO LEVEL BOOK AVAILABLE.
7. SERVICES SHOWN ARE INDICATIVE ONLY. A CURRENT SERVICES SEARCH AND SITE CHECK OF ALL EXISTING SERVICES WILL BE NECESSARY PRIOR TO COMMENCEMENT OF THE WORK AND APPROPRIATE PROCEDURES, PRECAUTIONS AND CARE NEEDS TO BE TAKEN WHEN WORKING WITHIN CLOSE PROXIMITY OF ANY SERVICES, ANY DAMAGE TO EXISTING SERVICES TO BE RECTIFIED AT THE CONTRACTOR'S EXPENSE.
8. THE CONSTRUCTOR IS TO DETERMINE LEVELS & LOCATIONS OF SERVICES PRIOR TO CONSTRUCTION.
9. THE PROPOSED WORKS DETAILED HERE ON TO BE CONSTRUCTED IN ACCORDANCE WITH THE: WATER SERVICES ASSOCIATION OF AUSTRALIA – SEWERAGE CODE OF AUSTRALIA WS 02-2002-2.2 – SYDNEY WATER EDITION – VERSION 4 – 2017. THE CONTRACTOR MUST HAVE A COPY OF THIS DOCUMENT ON SITE AT ALL TIMES.
10. THE MINIMUM NUMBER OF FIELD COMPACTION TESTS REQUIRED TO SATISFY THE SEWERAGE CODE OF AUSTRALIA – SYDNEY WATER EDITION – VERSION 4 ARE:
 - i) PIPE EMBEDMENT ZONE: NIL
(USING 7mm/10mm/14mm SINGLE SIZE AGGREGATES)
 - ii) TRENCH FILL ZONE – TRAFFICABLE:
(1 TEST PER 300mm LAYER PER 50m OF SEWER MAIN)
TOTAL No. OF TESTS: NIL (USING 14:1 SAND/CEMENT STABILISER)
 - iii) TRENCH FILL ZONE – NON-TRAFFICABLE:
(1 TEST PER 900mm LAYER PER 100m OF SEWER MAIN)
TOTAL No. OF TESTS: XX
 - iv) FOR M.S.s & M.H.s: (1 TEST PER 1m DEPTH AT ONE LOCATION WITHIN 300mm OF EACH M.S. & M.H.)
TOTAL No. OF TESTS: XX

- PROPERTY CONNECTION SEWERS (P.C.S.) ARE TO BE CONSTRUCTED IN ACCORDANCE WITH SYDNEY WATER STANDARD DRAWING SEW-1151-S. REFER TO WATER SERVICES ASSOCIATION OF AUSTRALIA – SEWERAGE CODE OF AUSTRALIA WSA 02-2002-2.2 – SYDNEY WATER EDITION – VERSION 4 – 2017.
- AREAS DOWNSLOPE OF CONSTRUCTION ACTIVITY TO BE ADEQUATELY PROTECTED FROM SEDIMENT POLLUTION ETC. SILT TRAP DEVICES TO BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY, EFFECTIVELY MAINTAINED AND TO BE REMOVED ONLY AFTER THE AREA HAS BEEN SATISFACTORILY REVEGETATED.
- SILTATION CONTROLS, SITE RESTORATION AND ENVIRONMENTAL REQUIREMENTS TO BE CARRIED OUT TO THE SATISFACTION OF THE WATER SERVICES CO-ORDINATOR OR THEIR FIELD REPRESENTATIVE.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OUTLINED IN THE REVIEW OF ENVIRONMENTAL FACTORS (R.E.F.), PROJECT SAFETY PLAN (P.S.P.) AND THE INSPECTION TEST PLAN (I.T.P.) ASSOCIATED WITH THIS DESIGN.
- UNLESS NOTED OTHERWISE, ALL M.H.'S TO BE CONSTRUCTED IN ACCORDANCE WITH DEEMED-TO-COMPLY DRAWING DTC-2202 ISSUE B 18-MAR-15, READ IN CONJUNCTION WITH:
 - * DTC-2000 ISSUE C DATED 18-MAR-15
 - * DTC-2220 ISSUE D DATED 18-MAR-15
 - * DTC-2221 ISSUE B DATED 01-MAR-13
 - * DTC-2222 ISSUE C DATED 18-MAR-15
- ALL M.H. DEFLECTION ANGLES ARE MEASURED FROM THE DOWNSTREAM IN A CLOCKWISE DIRECTION.
- P.C.S. DENOTES P.C.S. CONNECTION (REFER SEW-1151-S).
- M.H. AT CH.0+00 LINE 1 TO BE DN1200, CONSTRUCTED IN ACCORDANCE WITH DEEMED-TO-COMPLY DRAWING DTC-2202 ISSUE E 18-MAR-15, READ IN CONJUNCTION WITH:
 - * DTC-2000 ISSUE C DATED 18-MAR-15
 - * DTC-2220 ISSUE D DATED 18-MAR-15
 - * DTC-2221 ISSUE B DATED 01-MAR-13
 - * DTC-2222 ISSUE C DATED 18-MAR-15
 - * DTC-2223 ISSUE B DATED 18-MAR-15

01	ORIGINAL ISSUE	R.C.	
No.	AMENDMENT DESCRIPTION	BY	DATE

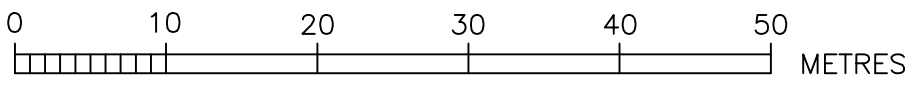
REF: 076-18

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 AUSGRID Ph. 131 388 GAS JENEA GAS Ph. 131 388 TELECOMMUNICATIONS TELSTRA Ph. 132 203 GIVING AT LEAST 48 HOURS NOTICE.	UTILITIES						WORK AS CONSTRUCTED CERTIFICATION						PIPE SCHEDULE				ALL LEVELS REFER TO A PLANE 20m BELOW 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.	 SYDNEY WATER CORPORATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	TYPE		DATE	REF.	TYPE	DATE	REF.	DEVELOPER	CLASS	LENGTH	PIPE JOINING METHOD / NOTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	WATER: DN100 Water		FEB/2019	HYDRA				WATER SERVICE CO-ORDINATOR	150	U.P.V.C.	SN8	177.97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	PROP. WATER: DN100			MetWat				CONSTRUCTOR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	STORMWATER: SWD		FEB/2019	SURVEY				COMPLETED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	PROP. STORMWATER: SWD			ENG				W.A.C. PREPARED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	GAS:		FEB/2019	SURVEY				DESIGNER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	COMMS: TEL		FEB/2019	SURVEY				I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	AUSGRID: E		FEB/2019	SURVEY				DESIGN HEAD					BOUNDARY TRAPS REQUIRED.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														



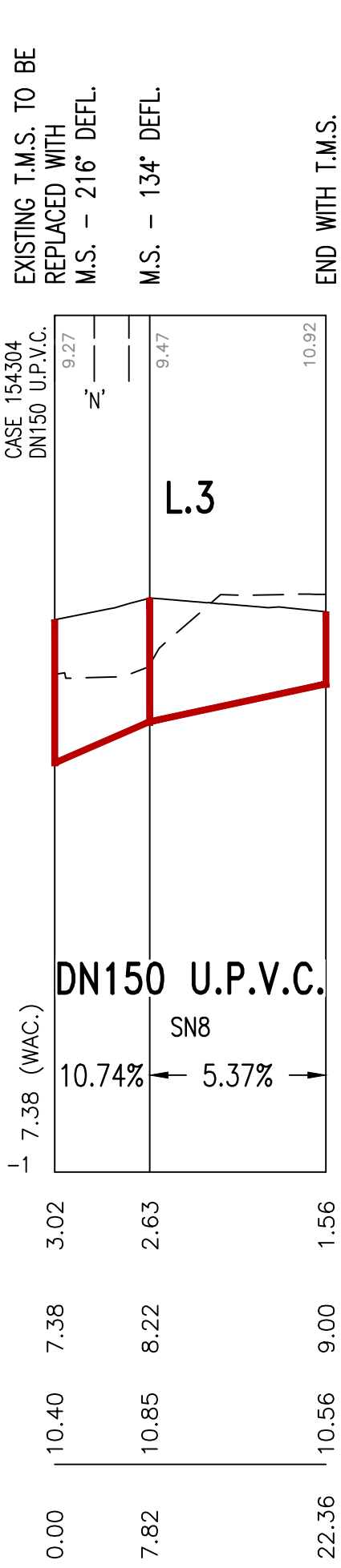
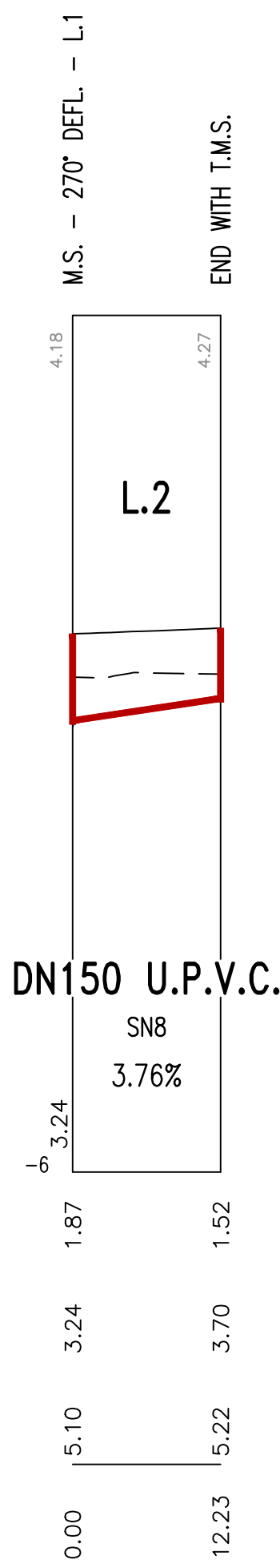
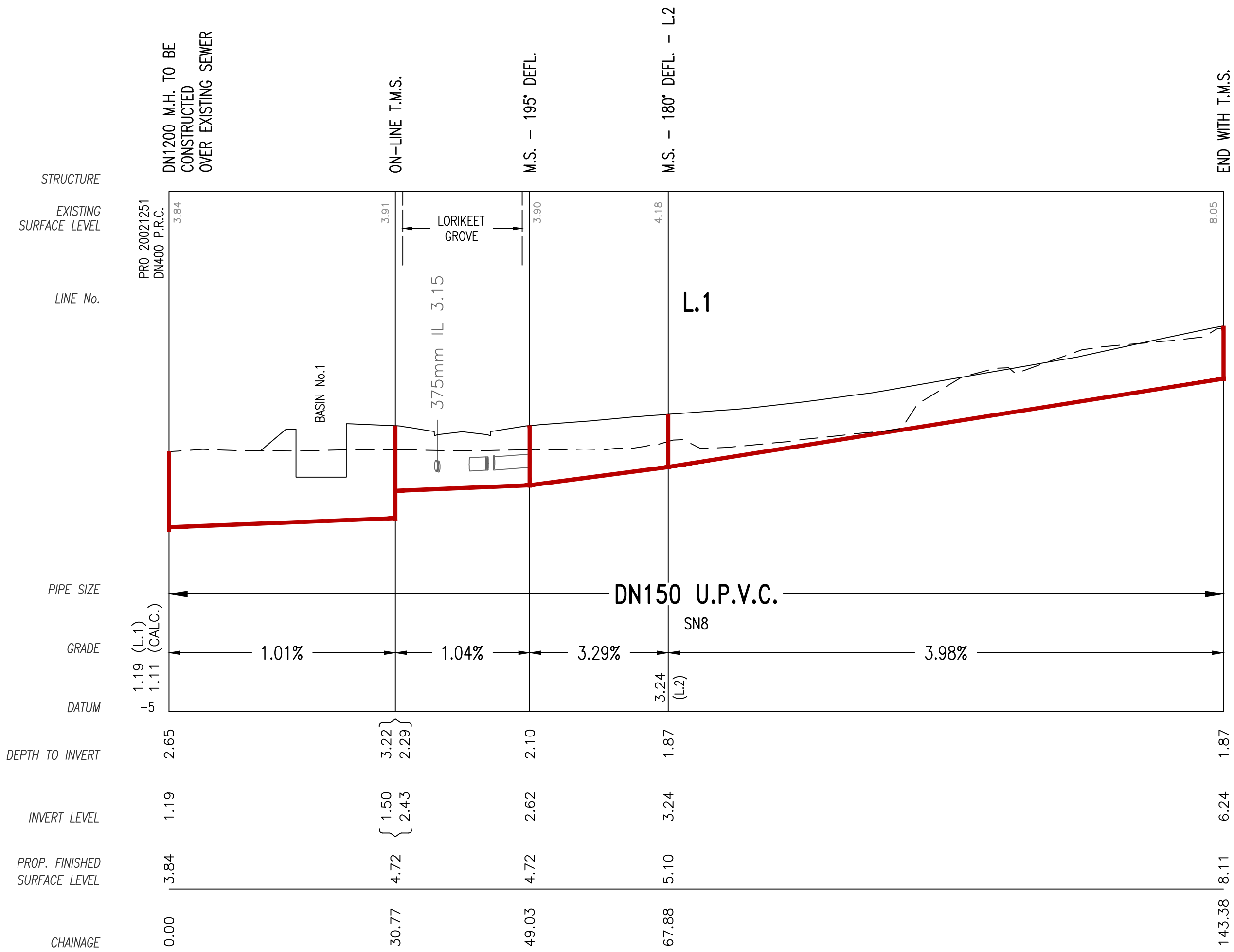
NOT FOR CONSTRUCTION

- 'A' - EASEMENT FOR SEWAGE PURPOSES 5 WIDE VIDE 6771995
- 'B' - EASEMENT FOR ACCESS 7.2 WIDE VIDE D.P.1214859
- 'C' - EASEMENT FOR ACCESS 7.2 WIDE VIDE D.P.1214859
- 'M' - RIGHT OF ACCESS (WHOLE LOT) VIDE D.P.270946
- 'N' - PROPOSED RIGHT OF ACCESS 8 WIDE & VARIABLE (TEMPORARY)
- 'P' - PROPOSED EASEMENT TO DRAIN WATER 1.825 WIDE



REF: 076-18

WORK AS CONSTRUCTED CERTIFICATION		Sydney WATER	
DEVELOPER	W.S.C.	Case No.172797WW SHT 2 OF 3 SHTS.	
CONSTRUCTOR	COMPLETED		
W.A.C. PREPARED			
DESIGNER			
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS		SYDNEY WATER CORPORATION FOR DETAILS OF SERVICES SEE SHEET 1	



NOT FOR
CONSTRUCTION

REF: 076-18

WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	W.S.C.	Sydney WATER	
CONSTRUCTOR	COMPLETED	Case No.172797WW	SHT 3 OF 3 SHTS.
DESIGNER	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	