

LOCALITY PLAN
(NOT TO SCALE)

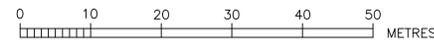
NOT FOR CONSTRUCTION

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

- ALL LOTS WERE VACANT AT TIME OF SURVEY.
- ALL STRUCTURES TO BE CONSTRUCTED TO PROPOSED FINISHED SURFACE LEVELS. THE CONTRACTOR IS TO LIAISE WITH THE SITE SUPERINTENDENT/CIVIL CONTRACTOR TO VERIFY ALL FINAL LEVELS.
- PIPES TO BE CONCRETE ENCASED SHOWN ACCORDINGLY:
- ALL LEVELS ELECTRONICALLY GENERATED. NO LEVEL BOOK AVAILABLE.
- 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.
- THE CONTRACTOR IS TO DETERMINE LEVELS & LOCATIONS OF SERVICES PRIOR TO CONSTRUCTION.
- THE PROPOSED WORKS DETAILED HERE ON TO BE CONSTRUCTED IN ACCORDANCE WITH THE: WATER SERVICES ASSOCIATION OF AUSTRALIA - SEWERAGE CODE OF AUSTRALIA WSA 02-2002-2.2 - SYDNEY WATER EDITION - VERSION 4 - 2017. THE CONTRACTOR MUST HAVE A COPY OF THIS DOCUMENT ON SITE AT ALL TIMES.
- 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-2203 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.S. DEFLECTION ANGLES ARE MEASURED FROM THE DOWNSTREAM IN A CLOCKWISE DIRECTION.
- 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



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	AYMROO TERMINAL ELBOW OR APP'D EQUIV.
1	49.03	M.S.	225	B	PVC	AYMROO CENTRAL ACCESS M.S. OR APP'D EQUIV.
1	57.88	M.S.	225	B	PVC	AYMROO CENTRAL ACCESS M.S. OR APP'D EQUIV.
1	143.38	T.M.S.	225	B	PVC	AYMROO TERMINAL ELBOW OR APP'D EQUIV.
2	12.23	T.M.S.	225	B	PVC	AYMROO TERMINAL ELBOW OR APP'D EQUIV.
3	0.00	M.S.	225	B	PVC	AYMROO CENTRAL ACCESS M.S. OR APP'D EQUIV.
3	7.82	M.S.	225	B	PVC	AYMROO CENTRAL ACCESS M.S. OR APP'D EQUIV.
3	22.36	T.M.S.	225	B	PVC	AYMROO TERMINAL ELBOW OR APP'D EQUIV.

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

UTILITIES			
TYPE	DATE	REF.	TYPE
WATER: DN100 Water	FEB'2019	HYDRA	
PROP. WATER: DN100	FEB'2019	MetWat	
STORMWATER: SWD	FEB'2019	SURVEY	
PROP. STORMWATER: SWD	FEB'2019	ENG	
GAS: ---G---G---	FEB'2019	SURVEY	
COMMS: ---TEL---TEL---	FEB'2019	SURVEY	
AUSGRID: ---E---E---	FEB'2019	SURVEY	

WORK AS CONSTRUCTED CERTIFICATION	
DEVELOPER	WATER SERVICE CO-ORDINATOR
CONTRACTOR	COMPLETED
DESIGNER	W.A.C. PREPARED
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
150	U.P.V.C.	SN8	177.97	

ALL LEVELS REFER TO A PLANE 20m BELOW AUSTRALIAN HEIGHT DATUM	
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	138, F8 (41st ED)
SHEET	1 OF 3
File No.	N/A

Sydney WATER SYDNEY WATER CORPORATION

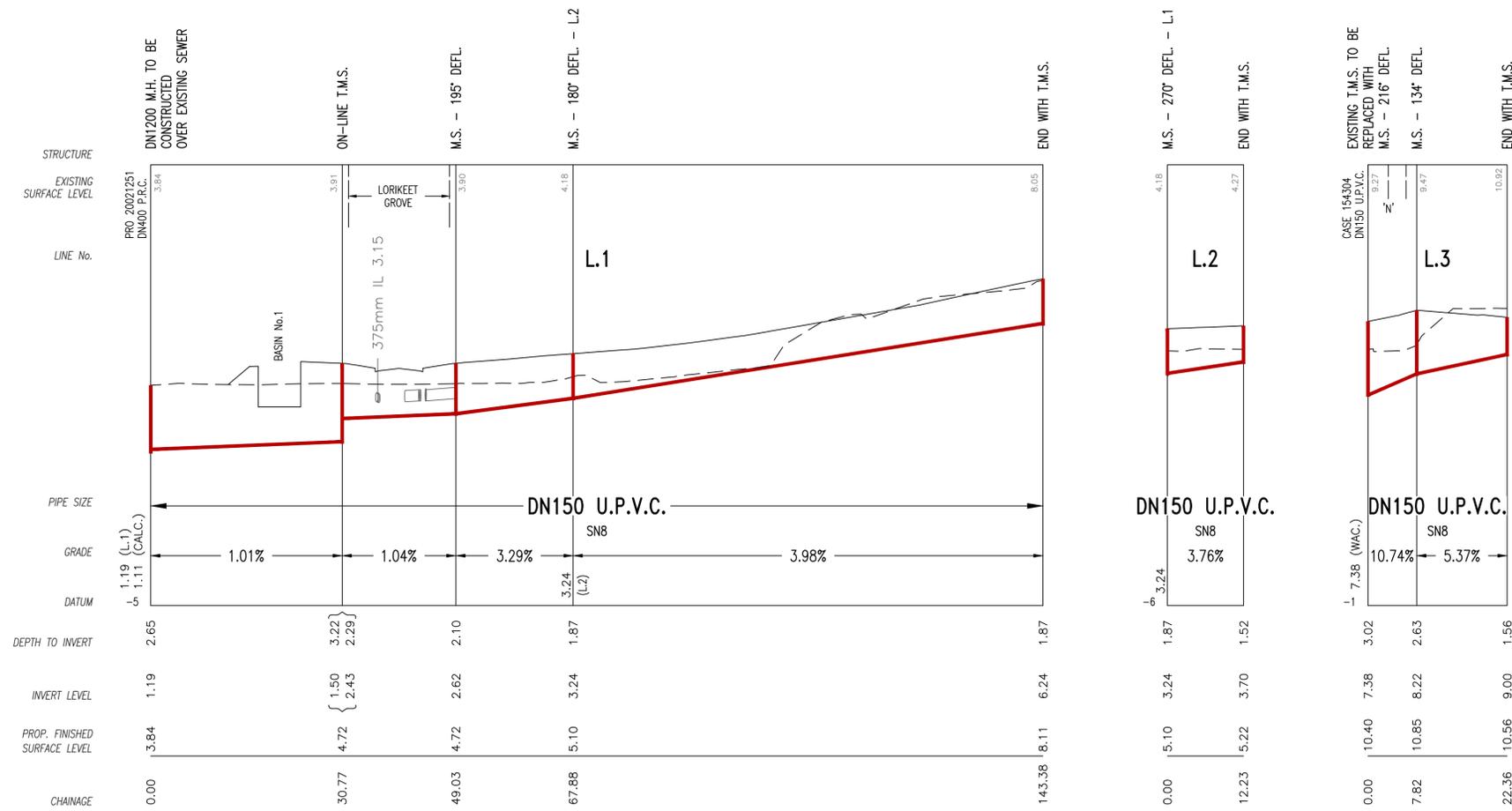
Case No.172797WW

PITTWATER SEWERAGE
NARRABEEN CREEK CARRIER
DRAINS TO
WARRIEWOOD S.T.W.

REF: 076-18

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PLAN DRAWN DATE: VERSION: 01 SHEET 1 OF 3 SHEETS



NOT FOR CONSTRUCTION

REF: 076-18

WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	W.S.C.	Sydney WATER	
CONSTRUCTOR	COMPLETED		
DESIGNER	W.A.C. PREPARED	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	

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PLAN DRAWN DATE: VERSION: 01 SHEET 3 OF 3 SHEETS