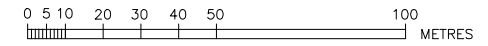


LOCALITY SKETCH  
N.T.S.



NOTES :

- 1. WATER SERVICING COORDINATOR, SURVEY & DESIGNER: CALBRE PROFESSIONAL SERVICES (NSW) PTY LTD...
2. THE WORKS AND MATERIAL WERE IN ACCORDANCE WITH THE SEWERAGE CODE OF AUSTRALIA...
3. ALL LOTS WERE VACANT AT TIME OF SURVEY.
4. ALL STRUCTURES CONSTRUCTED TO PROPOSED FINISHED SURFACE LEVELS...
5. PIPES CONCRETE ENCASED SHOWN ACCORDINGLY: ALL ENCASING SUPPORT TYPE 12U
6. AREAS HATCHED THUS NOT DRAINED:
7. DRAINAGE LIMITS ARE TO PROPOSED FINISHED SURFACE LEVELS.
8. ALL ROAD CROSSINGS BACKFILLED WITH 14:1 CEMENT STABILISED SAND.
9. CONCRETE BULKHEADS CONSTRUCTED AT REAR OF KERB FOR ALL ROAD CROSSINGS...
10. THE MINIMUM NUMBER OF FIELD COMPACTION TESTS REQUIRED TO SATISFY THE SEWERAGE CODE OF AUSTRALIA...
11. ALL PROPERTY CONNECTION SEWERS CONSTRUCTED AS DETAILED IN DTC-2120.
12. PRECAUTIONS ARE NECESSARY IN THE VICINITY OF SUB-STATION & OTHER ELECTRICAL EARTHING.
13. CONSTRUCTOR PROVIDED WSC WITH CERTIFIED RED MARKED UP WAC DRAWINGS...
14. LOCATION OF SEWER LINES MARKED BY A REGISTERED LAND SURVEYOR PRIOR TO CONSTRUCTION.
15. EMBEDMENT COMPACTION TESTING SUBJECT TO CLAUSE 22.3.3.1 OF SEWERAGE CODE OF AUSTRALIA...
16. ALL PCS'S WERE DN100 UPVC AT MINIMUM 1.65% GRADE UNLESS INDICATED OTHERWISE.
17. WHERE MAINTENANCE SHAFTS HAVE A DEFLECTION GREATER THAN 30 DEGREES...
18. ALL DN1200 M.H.'S WERE CONSTRUCTED IN ACCORDANCE WITH DTC-2000...
19. ALL MAINTENANCE STRUCTURES LOCATED WITHIN THE ROAD RESERVE FITTED WITH CLASS 'D' TRAFFICABLE LID.

SITE SPECIFIC COMPACTION SPECIFICATION

WITHIN FULL WIDTH OF ROAD CARRIAGEWAY PLUS 1.0M EITHER SIDE - ALL SUBGRADE SHALL BE CARRIED UP IN HORIZONTAL LAYERS, OF NOT MORE THAN 300MM THICK LOOSE MEASUREMENT, IF REQUIRED, AND SHALL HAVE EACH LAYER COMPACTED TO A 100% STANDARD DRY DENSITY RATIO DETERMINED IN ACCORDANCE WITH AS 1289 5.4.1-2007...

SITE SPECIFIC CONSTRUCTION NOTE

IT IS ACKNOWLEDGED THAT THERE IS RECENTLY CONSTRUCTED / COMPLETED INFRASTRUCTURE THROUGHOUT THE AREA OF PROPOSED WORKS, WITH OWNERSHIP SPREAD ACROSS SYDNEY WATER, COUNCIL AND REDBANK COMMUNITIES. THE CONTRACTOR IS AT ALL TIMES, TO UNDERTAKE WHATEVER TASKS NECESSARY TO MINIMISE DISTURBANCE AND DAMAGE TO EXISTING ROAD, KERB & GUTTER, FOOTPATH AND VEGETATION ETC...

CONSTRUCTION NOTES

THE PROPOSED WORKS AS DETAILED HERE ON WERE CONSTRUCTED IN ACCORDANCE WITH: 1. THE SEWERAGE CODE OF AUSTRALIA - WSA 02-2002-22 SYDNEY WATER EDITION VERSION 4 2017; 2. DEEMED TO COMPLY DRAWINGS DTC-2000 (ISS. C, 18/03/15), DTC-2120 (ISS. A, 18/03/15), DTC-2202 (ISS. E, 18/03/15), DTC-2221 (ISS. B, 01/03/15), DTC-2222 (ISS. C, 18/03/15) & DTC-2223 (ISS. B, 18/03/15); 3. SITE SPECIFIC COMPACTION SPECIFICATION AND SITE SPECIFIC CONSTRUCTION NOTE. THE CONSTRUCTOR HAD A COPY OF THESE DOCUMENTS ON SITE AT ALL TIMES.

Table with 3 columns: No., AMENDMENT DESCRIPTION, BY, DATE. Includes rows for 'WORK AS CONSTRUCTED', 'ISSUE FOR SYDNEY WATER APPROVAL', and 'ISSUE FOR CLIENT REVIEW'.

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...

Table with 4 columns: TYPE, DATE, REF., TYPE, DATE, REF. Lists various utilities like WATER, STORMWATER, TELECOM, and ELECTRICAL with their respective dates and references.

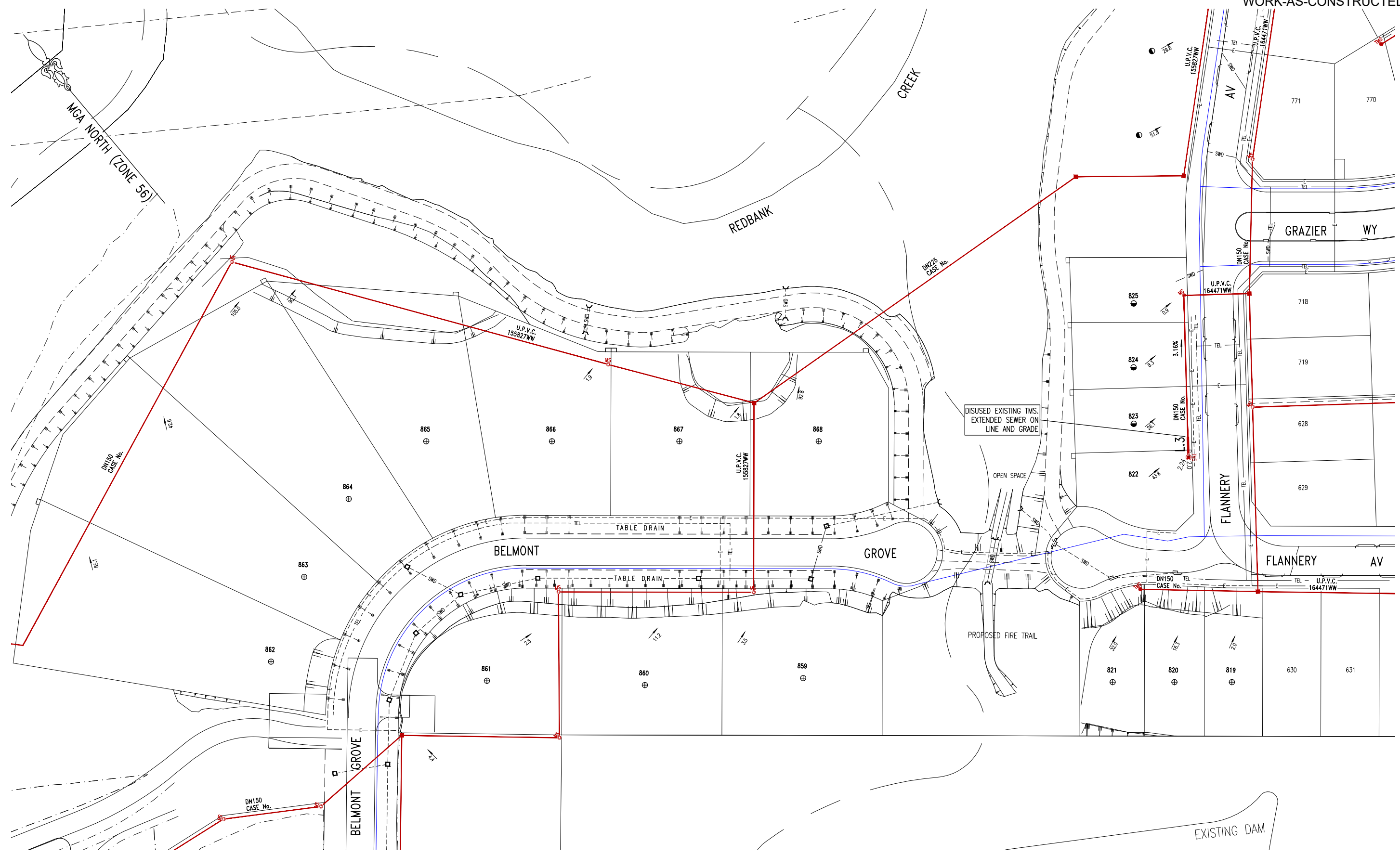
Table with 4 columns: DEVELOPER, WATER SERVICE CO-ORDINATOR, CONSTRUCTOR, DESIGNER. Lists North Richmond Joint Venture, Calbre Professional Services, Jonshan Pty Ltd, and Calbre Professional Services.

Table with 4 columns: SIZE DN, TYPE, CLASS, LENGTH, PIPE JOINING METHOD / NOTES. Lists pipe specifications like 150 U.P.V.C. SN8 268.45 RUBBER RING.

Table with 2 columns: AUSTRALIAN HEIGHT DATUM, SCALES. Lists datum as Australian Height Datum and scales as 1:500 for plan and section.

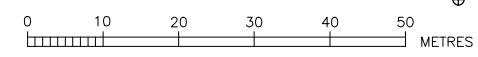
Table with 2 columns: NO AMENDMENTS ARE TO BE MADE TO THIS PLAN WITHOUT REFERENCE TO SYDNEY WATER... SHEET . 1 . OF . 5 . File No. N/A

Redbank Ploughmans Sydney Water Corporation logo and case information: Case No. 177968WW, Hawkesbury Sewerage Drains to Drains North Richmond S.T.W.

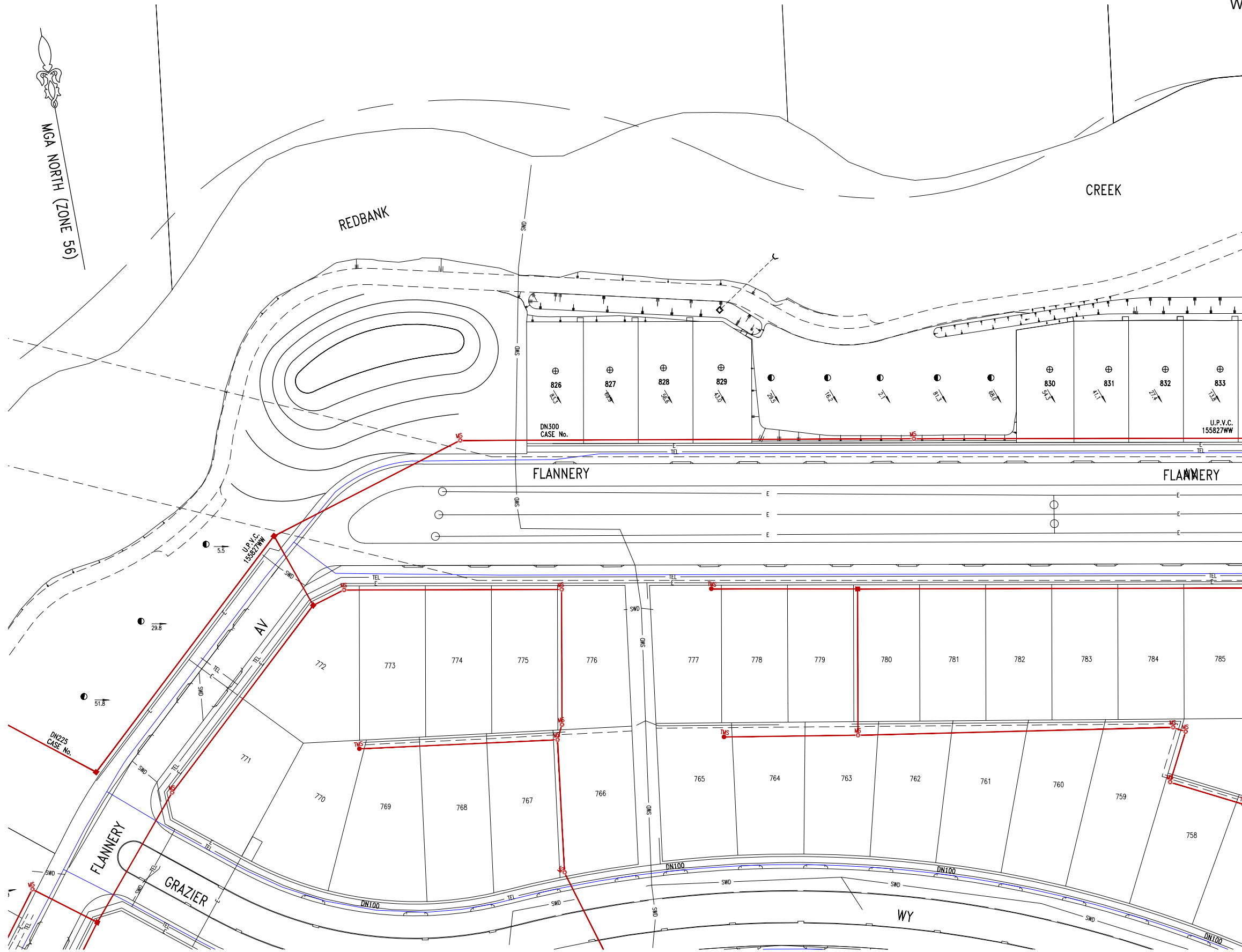


- - EXISTING PCS DISUSED.
- - EXISTING PCS DISUSED, INSTALLED NEW PCS ON EXISTING MAIN TO SUIT UPDATED LOT LAYOUT.
- ⊕ - PCS PROVIDED ON EXISTING SEWER.

PLEASE NOTE SITE SPECIFIC  
COMPACTION SPECIFICATION AND  
CONSTRUCTION NOTE - SHEET 1



WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	NORTH RICHMOND JOINT VENTURE		Case No. 177968WW   SHT 2 OF 5 SHTS.
W.S.C.	CAIBRE PROFESSIONAL SERVICES PTY LTD.		
CONSTRUCTOR	JONSHAN PTY LTD.	DESIGNER . CAIBRE PROFESSIONAL SERVICES PTY LTD.	
COMPLETED	22/01/2020	I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS	
W.A.C. PREPARED	14/04/2020	FOR DETAILS OF SERVICES SEE SHEET 1	



MGA NORTH (ZONE 56)

REDBANK

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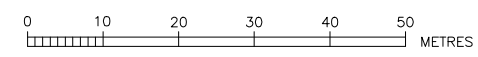
FLANNERY

GRAZIER

WY

- - EXISTING PCS DISUSED.
- ⊕ - PCS PROVIDED ON EXISTING SEWER.

PLEASE NOTE SITE SPECIFIC  
COMPACTION SPECIFICATION AND  
CONSTRUCTION NOTE - SHEET 1

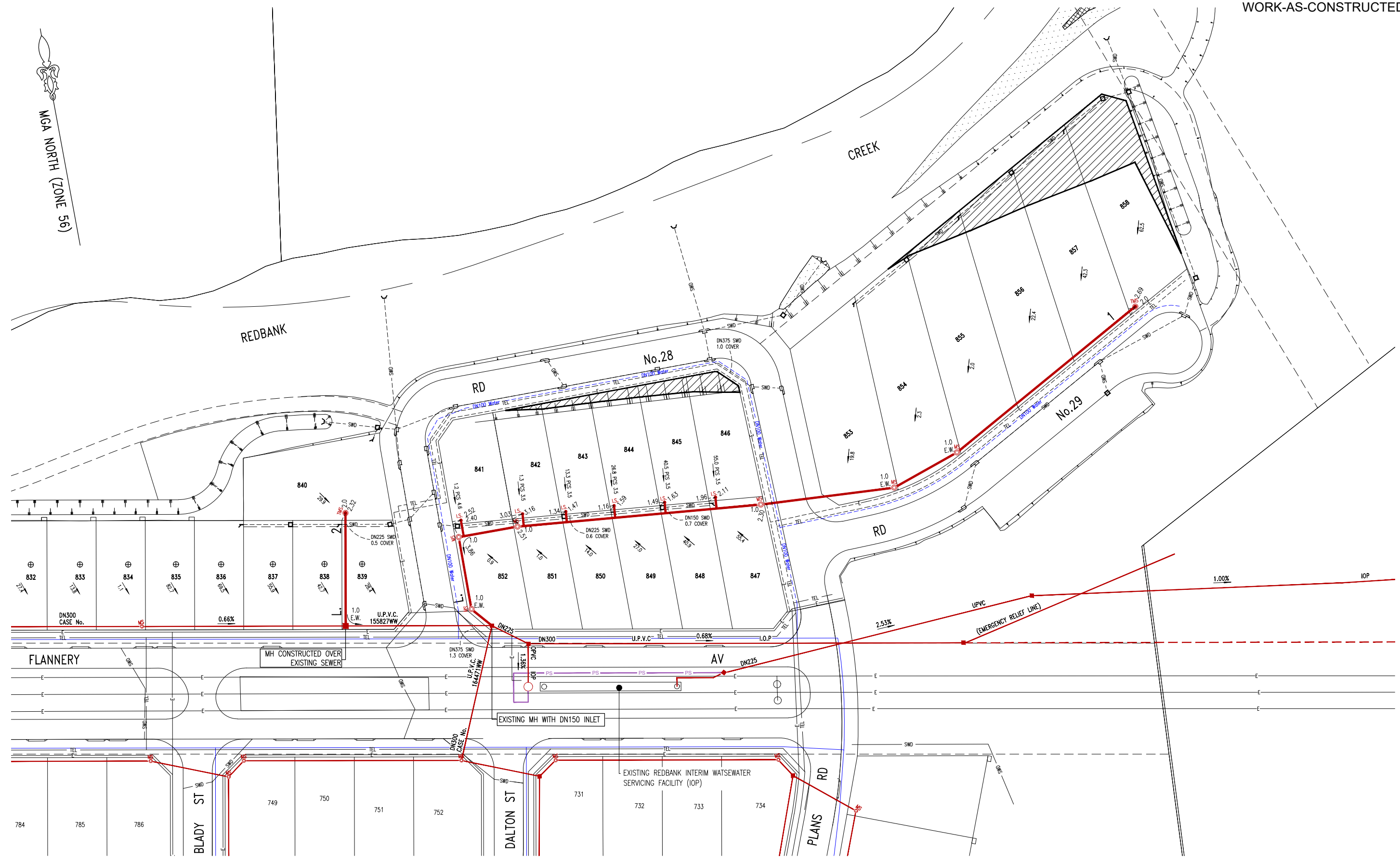


PLAN DRAWN DATE: 14/04/2020 VERSION: 03 SHEET 3 OF 5 SHEETS

REDBANK  
PLOUGHMANS

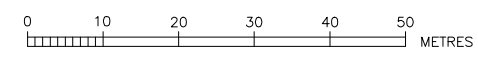
WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	NORTH RICHMOND JOINT VENTURE		Case No. 177968WW SHT 3 OF 5 SHTS.
W.S.C.	CALBRE PROFESSIONAL SERVICES PTY LTD		
CONSTRUCTOR	JONSHAN PTY LTD	DESIGNER . CALBRE PROFESSIONAL SERVICES PTY LTD.	
COMPLETED	22/01/2020	I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS	
W.A.C. PREPARED	14/04/2020	FOR DETAILS OF SERVICES SEE SHEET 1	

MGA NORTH (ZONE 56)



⊕ - PCS PROVIDED ON EXISTING SEWER.

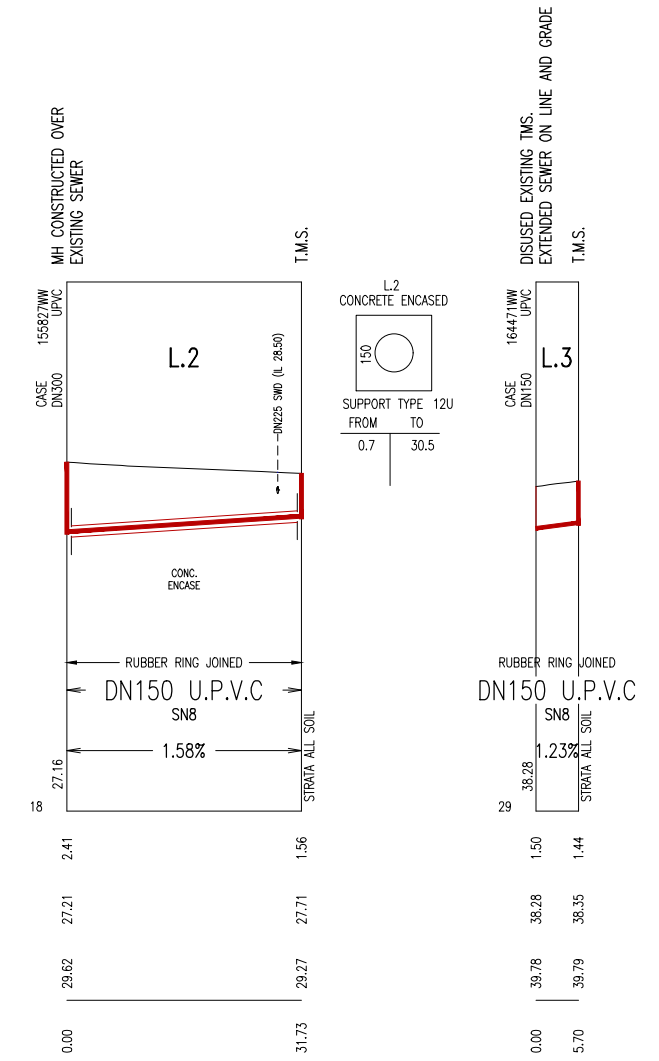
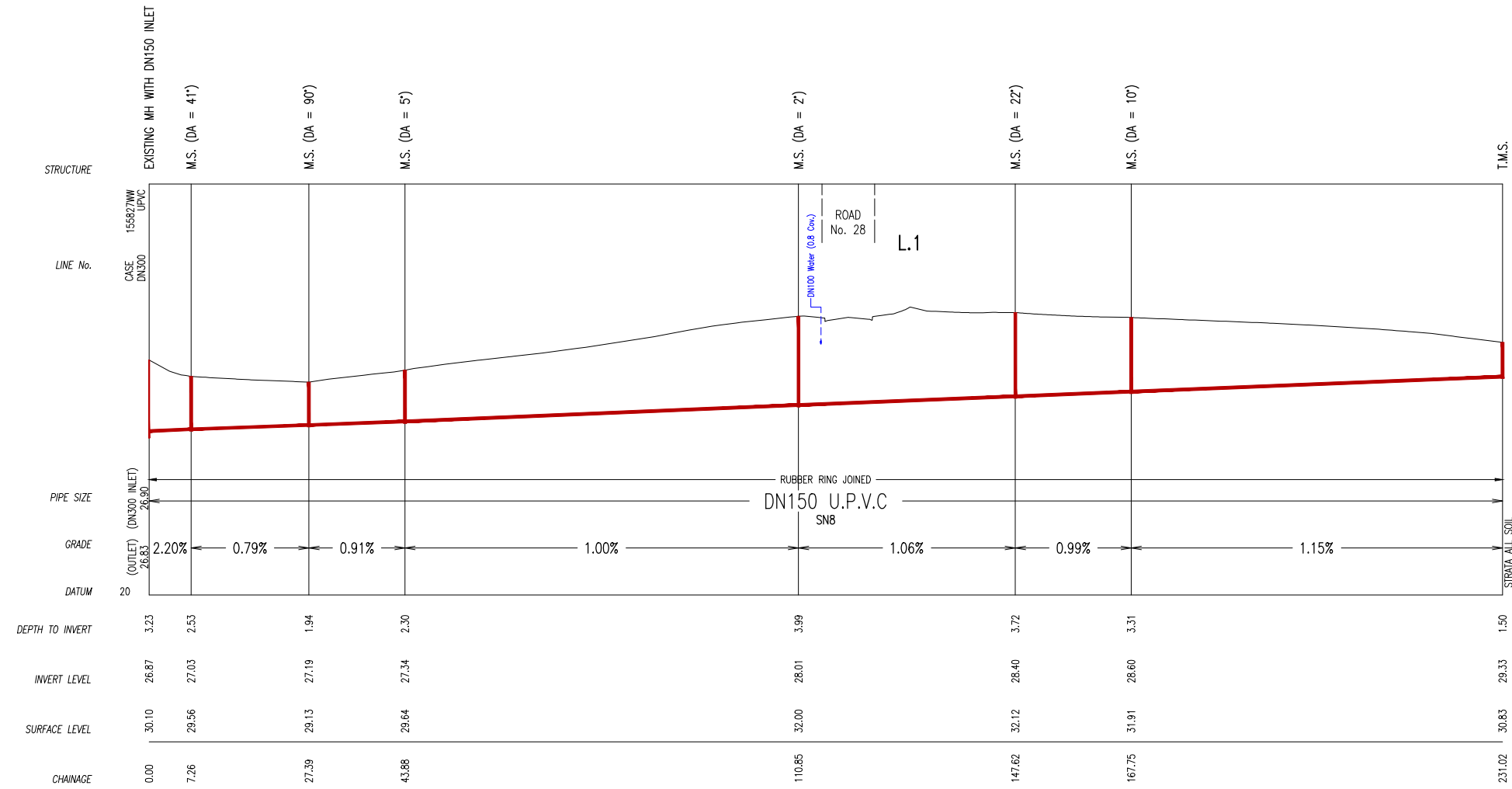
PLEASE NOTE SITE SPECIFIC  
COMPACTION SPECIFICATION AND  
CONSTRUCTION NOTE - SHEET 1



PLAN DRAWN DATE: 14/04/2020 VERSION: 03 SHEET 4 OF 5 SHEETS

REDBANK  
PLOUGHMANS

WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	NORTH RICHMOND JOINT VENTURE	<b>Sydney WATER</b>	Case No. 177968WW   SHT 4 OF 5 SHTS.
W.S.C.	CAIBRE PROFESSIONAL SERVICES PTY LTD		
CONSTRUCTOR	JONSHAN PTY LTD	COMPLETED 22/01/2020	
W.A.C. PREPARED 14/04/2020		DESIGNER CAIBRE PROFESSIONAL SERVICES PTY LTD	
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	



MAINTENANCE STRUCTURE SCHEDULE							
LINE NO.	CHAINAGE	TYPE	DN RISER	COVER CLASS	MATERIAL (PVC, CAST IN-SITU, ETC)	MS DEFLECTION ANGLE	COMMENTS (BRAND, DTC, OTHER INFO)
1	0.00	EXISTING MH	1.200	N/A	N/A	N/A	N/A
1	7.26	MS	0.225	B	UPVC	41	'POO PIT' TYPE OR EQUIV.
1	27.39	MS	0.225	B	UPVC	90	'POO PIT' TYPE OR EQUIV.
1	43.88	MS	0.225	B	UPVC	5	'AMYROO' TYPE OR EQUIV.
1	110.85	MS	0.225	B	UPVC	2	'AMYROO' TYPE OR EQUIV.
1	147.62	MS	0.225	B	UPVC	22	'AMYROO' TYPE OR EQUIV.
1	167.75	MS	0.225	B	UPVC	10	'AMYROO' TYPE OR EQUIV.
1	231.02	TMS	0.225	B	UPVC	N/A	'AMYROO' TYPE OR EQUIV.
2	0.00	MH	1.200	B	CAST IN-SITU	N/A	DTC-2202
2	31.73	TMS	0.225	B	UPVC	N/A	'AMYROO' TYPE OR EQUIV.
3	0.00	MS	0.225	B	UPVC	0	'AMYROO' TYPE OR EQUIV.
3	5.70	TMS	0.225	B	UPVC	N/A	'AMYROO' TYPE OR EQUIV.

PLEASE NOTE SITE SPECIFIC  
COMPACTION SPECIFICATION AND  
CONSTRUCTION NOTE - SHEET 1

WORK AS CONSTRUCTED CERTIFICATION		SYDNEY WATER CORPORATION	
DEVELOPER	NORTH RICHMOND JOINT VENTURE		Case No. 177968WW   SHT 5 OF 5 SHTS.
W.S.C.	CAIBRE PROFESSIONAL SERVICES PTY LTD		
CONSTRUCTOR	JONSHAN PTY LTD	SYDNEY WATER CORPORATION	
COMPLETED	22/01/2020	FOR DETAILS OF SERVICES SEE SHEET 1	
W.A.C. PREPARED	14/04/2020		
DESIGNER	CAIBRE PROFESSIONAL SERVICES PTY LTD		
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS			