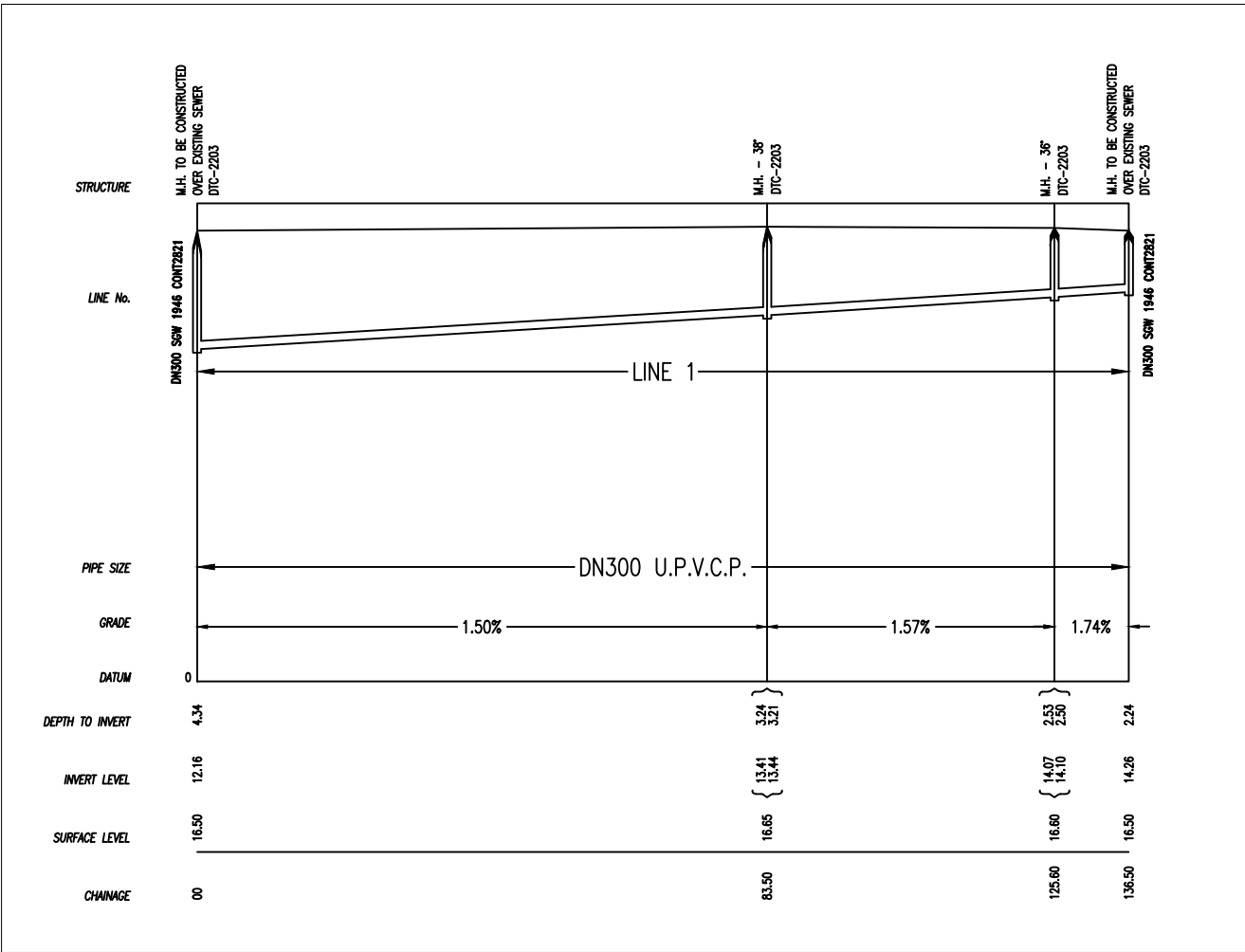




WMHSR - SEWER DEVIATION



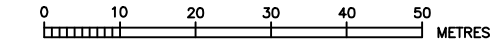
Health  
Infrastructure

**DETERMINED – APPROVAL**

REF Approval No: 10/2023

Date: 3/5/2023

Signed by: *Loz*



NOTE:

1. WATER SERVICING COORDINATOR: ACOR CONSULTANTS  
SUITE 2, LEVEL 1, 33 HERBERT ST  
ST LEONARDS NSW 2065  
T +61 2 9438 5098 | F +61 9438 5398

FOR: HEALTH INFRASTRUCTURE: 1 RESERVE RD, ST LEONARDS NSW 2065

2. THE PROPOSED WORKS DETAILED HEREON ARE TO BE CONSTRUCTED IN ACCORDANCE WITH
- 2.1. WSA 02-2002, VER. 2.2 (SYDNEY WATER EDITION) VER. 4
  - 2.2. TECHNICAL GUIDELINES FOR BUILDING OVER AND ADJACENT TO PIPE ASSETS – 2021
  - 2.3. THE ASSOCIATED SYDNEY WATER SUPPLEMENT AND APPENDICES.
  - 2.4. SYDNEY WATER TECHNICAL SPECIFICATION – CIVIL WORKS – VERSION 7.0
  - 2.5. TO BE READ IN CONJUNCTION WITH PERMANENT SEWER DESIGN PLAN [CN194583WW-V6]
3. ALL STRUCTURES TO BE CONSTRUCTED TO PROPOSED FINISHED SURFACE LEVELS. ALL LEVELS REFER TO PROPOSED FINISHED SURFACE LEVEL. SEWER CONSTRUCTOR TO LIAISE WITH HEAD CONTRACTOR TO VERIFY ALL SURFACE LEVELS PRIOR TO CONSTRUCTION. ACOR TO BE INFORMED OF ANY DISCREPANCIES OF LEVEL THAN THAT WHICH IS SHOWN ON THIS DESIGN. ACOR TO REVIEW AND A VARIATION TO THIS DESIGN MAY BE REQUIRED.
4. ALL LEVELS ELECTRONICALLY GENERATED. NO LEVEL BOOK AVAILABLE.
5. THE CONSTRUCTOR SHALL COMPLY WITH ALL REQUIREMENTS IN ANY REVIEW OF ENVIRONMENTAL FACTORS (REF) REPORT. THE CONTRACTOR MUST HAVE A COPY OF THIS DOCUMENTS ON SITE AT ALL TIMES.
6. SERVICES SHOWN ARE INDICATIVE ONLY. CURRENT SERVICES SEARCH AND SITE CHECK TO CONFIRM  
\* HORIZONTAL & VERTICAL CLEARANCES TO PROPOSED SEWER OF ALL EXISTING SERVICES WILL BE NECESSARY PRIOR TO COMMENCEMENT OF WORK. APPROPRIATE PROCEDURES, PRECAUTIONS & CARE TO BE TAKEN WHEN WORKING WITHIN CLOSE PROXIMITY TO THESE LIVE SERVICES AS PER THE RELEVANT AUTHORITIES REQUIREMENTS.
7. MINIMUM HORIZONTAL AND VERTICAL CLEARANCES BETWEEN THE PROPOSED SEWER MAIN AND OTHER  
\* PROPOSED AND EXISTING SERVICES ARE TO COMPLY WITH TABLE 4.2 (PAGE 75 & 76) OF SEWERAGE CODE OF AUSTRALIA (SYDNEY WATER EDITION – VERSION 4 – 2017). SHOULD NON COMPLIANT BE FOUND, ACOR ARE TO BE INFORMED IN WRITING AND A VARIATION TO THIS DESIGN MAY BE REQUIRED.
8. CONNECTIONS TO LIVE SEWERS TO BE CARRIED OUT BY CONSTRUCTOR WHEN APPROPRIATE APPROVAL IS OBTAINED.
9. THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN AND SWMS IS AN INTEGRAL PART OF THIS DESIGN AND MUST BE READ IN CONJUNCTION WITH THIS PLAN. CONSTRUCTOR MUST HAVE A COPY OF THIS PLAN ON SITE AT ALL TIMES
10. PRECAUTIONS MAY BE NECESSARY IN THE VICINITY OF SUB-STATION EARTHING.
11. ELEC/GAS/TELCO AUTHORITY MAY REQUIRE THEIR PERSONNEL TO BE ONSITE WHILST EXCAVATING WITHIN THE VICINITY OF THEIR ASSETS. IT IS THE CONSTRUCTOR'S RESPONSIBILITY TO LIAISE WITH THE AFFECTED AUTHORITIES AS REQUIRED AND OBTAIN APPROVAL AS REQUIRED.
12. THE CONTRACTOR IS TO LIAISE WITH COUNCIL AND PROJECT ARBORIST AND MUST OBTAIN AND MAINTAIN APPROPRIATE APPROVALS AND TREE PROTECTION REQUIREMENTS BEFORE AND DURING EXCAVATING ADJACENT TO TREES AND THE TREE PROTECTION ZONE AND TAKE ALL NECESSARY STEPS TO PROTECT TREES FROM DAMAGE.
13. UPFRONT CONNECTION REQUIRED FOR TEMPORARY SEWER CONNECTION.  
TEMPORARY SEWER CONNECTION WORKS TO BE COMPLETED IN ONE DAY. I.O.' FOR INSPECTION TO BE INSTALLED AT BENDS FOR ACCESS AND MAINTENANCE.



|                                                                                                    |       |                                                         |  |                          |  |
|----------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|--|--------------------------|--|
| WORK AS CONSTRUCTED CERTIFICATION                                                                  |       | <div><div><div>Sydney</div><div>WATER</div></div></div> |  | SYDNEY WATER CORPORATION |  |
| DEVELOPER                                                                                          | ..... | Case No. 202644                                         |  | SHT 2 OF 3 SHTS.         |  |
| W.S.C.                                                                                             | ..... |                                                         |  |                          |  |
| CONSTRUCTOR                                                                                        | ..... | SYDNEY WATER CORPORATION                                |  |                          |  |
| COMPLETED                                                                                          | ..... |                                                         |  |                          |  |
| W.A.C. PREPARED                                                                                    | ..... |                                                         |  |                          |  |
| DESIGNER                                                                                           | ..... | FOR DETAILS OF SERVICES SEE SHEET 1                     |  |                          |  |
| I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS |       |                                                         |  |                          |  |





Health  
Infrastructure

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| WASTEWATER CATCHMENT @ 'A' |                |       |      |          |      |       |
|----------------------------|----------------|-------|------|----------|------|-------|
| CATCHMENT                  | CLASSIFICATION | AREA  | UNIT | TYPE     | LOAD | EP    |
| 1                          | OPEN SPACE     | 1.9   | HA   | AREA     | 20   | 38    |
| 2                          | MIXED USE      | 0.6   | HA   | AREA     | 300  | 180   |
| 3                          | EDUCATION      | 2.8   | 1261 | STUDENTS | 0.2  | 253   |
| 4                          | EDUCATION      | 4.04  | HA   | AREA     | 210  | 849   |
| 5                          | EDUCATION      | 11.90 | 2855 | STUDENTS | 0.2  | 571   |
| 6                          | HIGH DENSITY   | 10.30 | 572  | UNITS    | 2.5  | 1430  |
| 7                          | LOW DENSITY    | 43.03 | HA   | AREA     | 80   | 3442  |
| 8                          | MEDIUM DENSITY | 0.6   | 22   | UNITS    | 3    | 66    |
| TOTAL                      |                |       |      |          | EP   | 6829  |
| DILUTION FACTOR            |                |       |      |          | F    | 3.00  |
| ADWF                       |                |       |      |          | L/S  | 9.30  |
| PDWF                       |                |       |      |          | L/S  | 20.41 |
| DESIGN FLOW                |                |       |      |          | L/S  | 61.23 |

WORK AS CONSTRUCTED CERTIFICATION

DEVELOPER  
W.S.C.  
CONSTRUCTOR  
COMPLETED  
W.A.C. PREPARED

DESIGNER



SYDNEY WATER CORPORATION

Case No. 202644

SHT 3 OF 3 SHTS.

SYDNEY WATER CORPORATION

FOR DETAILS OF SERVICES SEE SHEET 1