



CROSS SECTION
SCALE 1:10

LONG SECTION
SCALE 1:10

NOTES

1. CONCRETE ENCASEMENT OF PIPE WORK IS TO OCCUR UNDER ALL PAVEMENTS WHERE MINIMUM REQUIRED COVER OF 400mm CANNOT BE ACHIEVED.
2. ENCASEMENT TO FINISH AT PIPE COLLAR 1000 MINIMUM CLEAR OF THE EDGE OF THE PAVEMENT
3. STEEL REINFORCEMENT OR FIBRE REINFORCEMENT MAY BE REQUIRED FOR THE CONCRETE ENCASEMENT FOR SITUATIONS WHERE ENCASED PIPEWORK SPANS OVER CONFLICTING SERVICES AT THE INSTRUCTION OF NEWCASTLE CITY COUNCIL.
4. CONCRETE TO BE MINIMUM GRADE 20MP_a AND PLACED USING MECHANICAL VIBRATION
5. WHEN EXPOSING PIPE, PROVIDE SUPPORT AT 1500 MAXIMUM CENTRES WITH A MINIMUM OF 2 SUPPORTS PER PIPE LENGTH. SUPPORTS SHALL BE MASONRY OR CONCRETE SHAPED AND SIZED TO ENSURE SUPPORT.
6. PRECAUTIONS SHALL BE TAKEN AGAINST FLOATATION AND DEFORMATION OF THE PIPELINE DURING ENCASEMENT
7. FOUNDING MATERIAL TO ACHIEVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 150KP_a
8. PIPE CLASS TO BE CLASS 2 STEEL REINFORCED PIPE.
9. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

| No. | AMENDMENT DETAILS | DATE | INITIALS |
|-----|---|----------|----------|
| 2 | GENERAL REVISION | 05.07.16 | J.C. |
| 1 | CONSTRUCTION | 11.06.13 | J.C. |
| 0 | PRELIMINARY - FOR REVIEW AND COMMENT ONLY | 14.12.12 | J.C. |

SCALE
AS SHOWN

COORDINATE SYSTEM: HEIGHT DATUM: AHD

LIVEABLE CITY
INFRASTRUCTURE
MANAGEMENT SERVICES

REVIEWED: J.C.

APPROVED:

SIGNED:
INFRASTRUCTURE MANAGEMENT SERVICES MANAGER

DATE: 29.09.2016

THE CITY OF NEWCASTLE

**STORMWATER PIPE
CONCRETE ENCASEMENT**

| | |
|---------------|-----------|
| NCC PLAN No. | SHEET No. |
| A2001 | 1 OF 1 |
| AMENDMENT No. | SHEETS |

A3 ORIGINAL THIS SHEET WAS PREPARED IN COLOUR AND WILL BE INCOMPLETE IF COPIED