


NOTES

1. CONCRETE BULKHEADS SHALL BE USED WHERE THE PIPE SLOPE IS STEEPER THAN 1:6 AND PIPE LENGTH IS GREATER THAN 15 METERS
2. CONCRETE BULKHEADS SHALL BE LOCATED AT JOINT LOCATIONS AT 6 METER MAXIMUM CENTERS
3. CONCRETE IS TO BE 25MP_a AND PLACED USING MECHANICAL VIBRATION
4. CONCRETE IS NOT TO COVER FLEXIBLE PIPE JOINT.
5. FOUNDING MATERIAL TO ACHIEVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 150KP_a
6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

No.	AMENDMENT DETAILS	DATE	INITIALS
2	GENERAL REVISION	18.08.15	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: *[Signature]*
 SIGNED: *[Signature]*
 INFRASTRUCTURE MANAGEMENT SERVICES MANAGER
 DATE: *[Date]*

THE CITY OF NEWCASTLE
STORMWATER PIPE CONCRETE BULK HEADS

NCC PLAN No.	A2002	SHEET No.	1 OF 1
AMENDMENT No.		SHEETS	1