



1. PIPE CLASSIFICATION: FLEXIBLE PIPES – PVC, GRP, STEEL, DI AND PE.
2. COVER TO MAIN SHALL BE AS FOLLOWS:
VERGES, PARKS, ETC. – 600mm
UNDER KERBED ROADS – 800mm
UNDER UNKERBED ROADS – 900mm
3. BEDDING MATERIAL UNDER FOOTPATH TO BE COMPACTED TO MIN. DENSITY INDEX 70% (COHENSIONLESS SOILS).
4. BEDDING MATERIAL UNDER ROADWAY TO EXTEND TO UNDERSIDE OF PAVEMENT & BE COMPACTED TO MIN. DENSITY INDEX 80% (COHESIONLESS SOILS).
5. TYPE 2 BEDDING SHALL BE SUPPLIED WHERE NOTED ON PROJECT DRAWINGS & IN WET CONDITIONS WHERE THE TRENCH FOUNDATIONS ARE SOFT, YIELDING OR UNSUITABLE.
6. BEDDING – SPECIAL BEDDING SHALL BE SPECIFIED TO SUIT THE CONDITIONS IF THE TRENCH FLOOR HAS:
– IRREGULAR OUTCROPS OF ROCK.
– AHBP OF <50 kPa.
– UNCONTROLLED GROUND WATER HAS DISTURBED THE FLOOR OF THE TRENCH.
7. PROJECT SPECIFIC ENGINEERING DESIGN IS REQUIRED FOR TYPE 3 INSTALLATIONS.
8. REFER TO SPECIFICATION FOR PAVEMENT REINSTATEMENT/CONSTRUCTION.
9. ANY EXCAVATION MAY REQUIRE SHORING IF DEEMED NECESSARY BECAUSE OF GROUND CONDITIONS.
10. WHEN IN ROCK, INCREASE SAND BEDDING DEPTH UNDER PIPE TO 150mm MIN.
11. THE MIN. CLEAR DISTANCE BETWEEN THE OUTSIDE OF THE PIPE SOCKET & THE TRENCH WALL SHALL NOT BE LESS THAN 100mm AT ANY LOCATION.
12. SIDES OF EXCAVATION TO BE KEPT VERTICAL TO AT LEAST 150 ABOVE THE PIPE.
13. ALL CONCRETE TO BE N25 IN ACCORDANCE WITH AS1379 & AS3600.
14. THE USE OF COMPACTION EQUIPMENT IS TO BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
15. COMPRESSIBLE MEMBRANE AROUND PIPE TO BE 10 THICK POLYSTYRENE FOR BULKHEADS ON SLOPES.
16. ALL ANCHOR BLOCKS SHALL HAVE A FLEXIBLE JOINT WITHIN 300mm OF THE UP–HILL SIDE OF THE BLOCK.

EMBEDMENT GEOMETRY

STANDARD TRENCH WIDTH



ANCHOR BLOCKS



B	CRC DRAWING ADOPTED	28/11/12
A	ORIGINAL ISSUE	12/03/04
REVISIONS		DATE

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