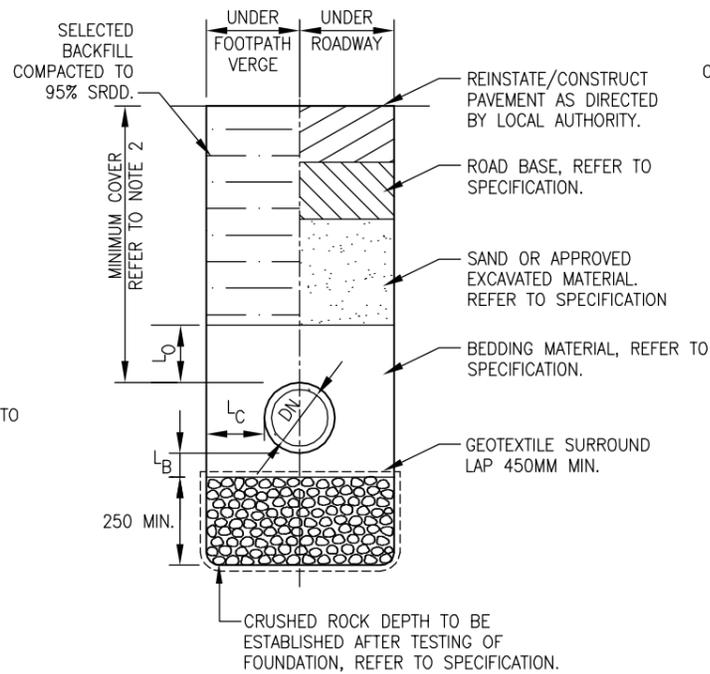
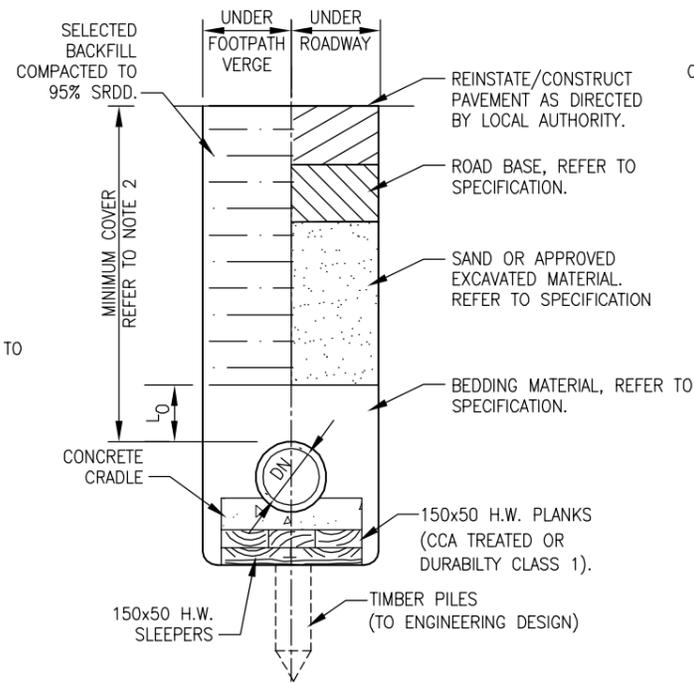


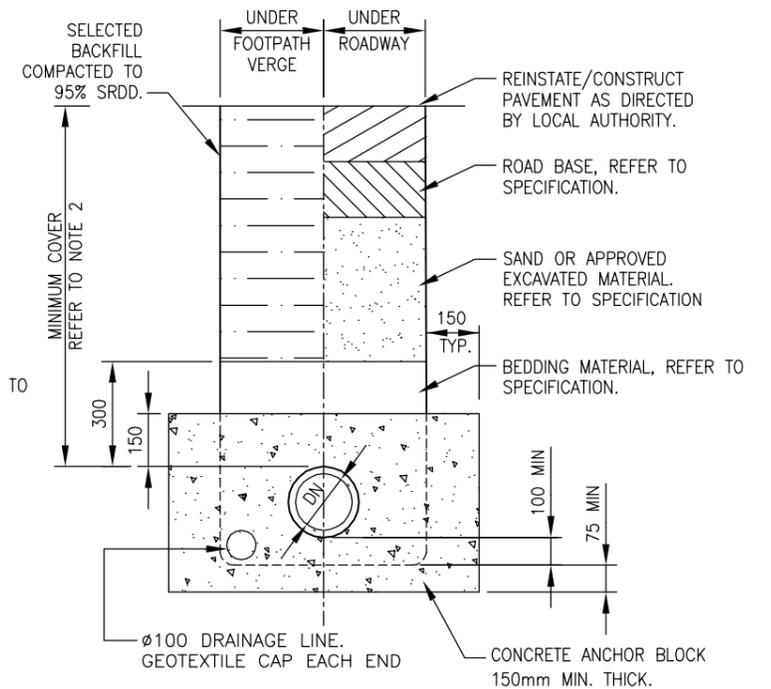
TYPE 1 - BEDDING DETAIL
(APPROVED BEDDING FLEXIBLE PIPE)



TYPE 2 - BEDDING DETAIL
(FLEXIBLE PIPE CRUSHED ROCK WORKING PLATFORM)



TYPE 3 - BEDDING DETAIL
(DIOL PIPE TIMBER RAFT)



ANCHOR BLOCK

NOTES

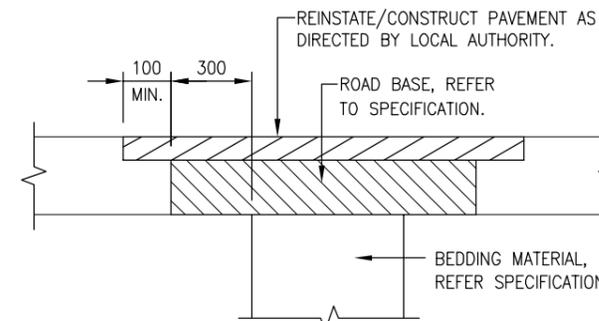
- PIPE CLASSIFICATION: FLEXIBLE PIPES – PVC, GRP, STEEL, DI AND PE.
- COVER TO MAIN SHALL BE AS FOLLOWS:
VERGES, PARKS, ETC. – 600mm
UNDER KERBED ROADS – 800mm
UNDER UNKERBED ROADS – 900mm
- BEDDING MATERIAL UNDER FOOTPATH TO BE COMPACTED TO MIN. DENSITY INDEX 70% (COHESIONLESS SOILS).
- BEDDING MATERIAL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

BEDDING, OVERLAY DEPTHS AND MIN CLEARANCES TO AS/NZS2566.1				
DIAMETER (DN)	L _B	L _C	L _O	
>75 ≤150	100	100	150	
>150 <300	100	150	150	

EMBEDMENT GEOMETRY

DIAMETER (DN)	MIN WIDTH (mm)	MAX WIDTH (mm)
≤100	400	600
150	450	700
200	500	700
250	550	700

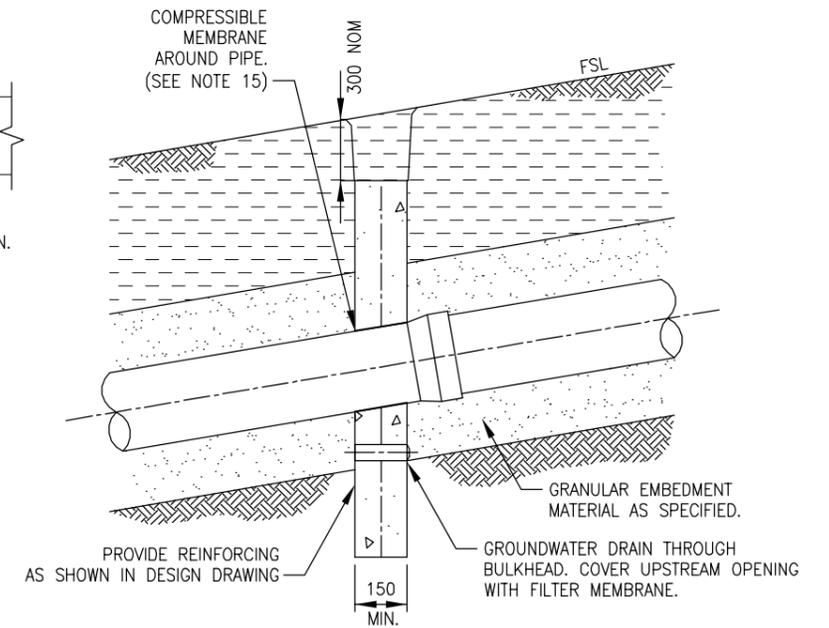
STANDARD TRENCH WIDTH



UNDER EXISTING PAVEMENTS

SLOPE	SPACING
1:6 TO 1:5	EVERY FOURTH PIPE
1:5 TO 1:4	EVERY THIRD PIPE
1:4 TO 1:3	EVERY SECOND PIPE
>1:3	EVERY PIPE

ANCHOR BLOCKS



CONCRETE BULKHEAD DETAIL

DISCLAIMER

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WATER RETICULATION BEDDING DETAILS
PIPE DIA < 300

Standard Drawing
S2016

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

A	B		
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