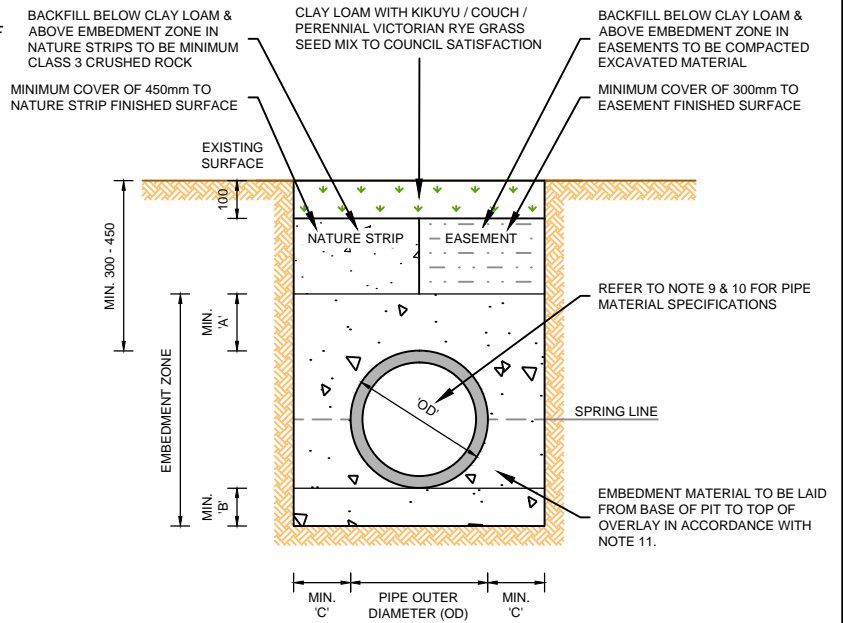


GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE INDICATED.
2. CRUSHED ROCK BACKFILL TO BE LAID AND COMPACTED IN LAYERS NOT EXCEEDING 150mm TO ACHIEVE A MINIMUM OF 98% MAXIMUM DRY DENSITY.
3. ALL CRUSHED ROCK TO BE CURRENT VICROADS REGISTERED MIXES.
4. CLASS 3 CRUSHED ROCK MAY CONTAIN 100% CRUSHED CONCRETE IN ACCORDANCE WITH VICROADS TECHNICAL NOTE TN 107 - USE OF RECYCLED MATERIALS IN ROAD PAVEMENTS.
5. CONTRACTORS WORKING IN TRENCHES WITH A DEPTH EQUAL TO OR GREATER THAN 1.5m MUST PROVIDE APPROVED TRENCH SHORING FOR THE DURATION OF THE WORKS.
6. ALL JOINTS BETWEEN OLD AND NEW ASPHALT SURFACES TO BE SEALED WITH AN ASPHALT CRACK & JOINT SEALANT APPROVED BY MAROONDAH CITY COUNCIL.
7. THIS STANDARD IS TO BE READ IN CONJUNCTION WITH MANUFACTURER'S PIPE INSTALLATION SPECIFICATIONS.
8. ALTERNATIVE DRAINAGE PIPE SPECIFICATIONS, REINSTATEMENT MATERIAL AND/OR TRENCH DIMENSIONS MAY BE PERMITTED SUBJECT TO COMPLIANCE WITH RELEVANT AUSTRALIAN STANDARDS, MANUFACTURER'S SPECIFICATIONS, AND MAROONDAH CITY COUNCIL APPROVAL.



TRENCH WITHIN NATURE STRIP / EASEMENT

1:20 SCALE @ A4

PIPE & TRENCH NOTES:

9. PIPE SPECIFICATION WITHIN ROAD RESERVE (ROAD PAVEMENT & NATURE STRIP) TO BE AT MINIMUM:
 - 9.1. 375mm SN8 CORRUGATED POLYPROPYLENE PIPE SUCH AS 'STORMPRO' OR 'BLACKMAX'
 - 9.2. 375mm SN8 SOLVENT WELDED uPVC PIPE
 - 9.3. 375mm CLASS 4 REINFORCED CONCRETE PIPE (RCP)
10. PIPE SPECIFICATION WITHIN EASEMENTS TO BE AT MINIMUM:
 - 10.1. 300mm SN8 CORRUGATED POLYPROPYLENE PIPE SUCH AS 'STORMPRO' OR 'BLACKMAX'
 - 10.2. 300mm SN8 SOLVENT WELDED uPVC PIPE
 - 10.3. 300mm CLASS 3 REINFORCED CONCRETE PIPE (RCP)

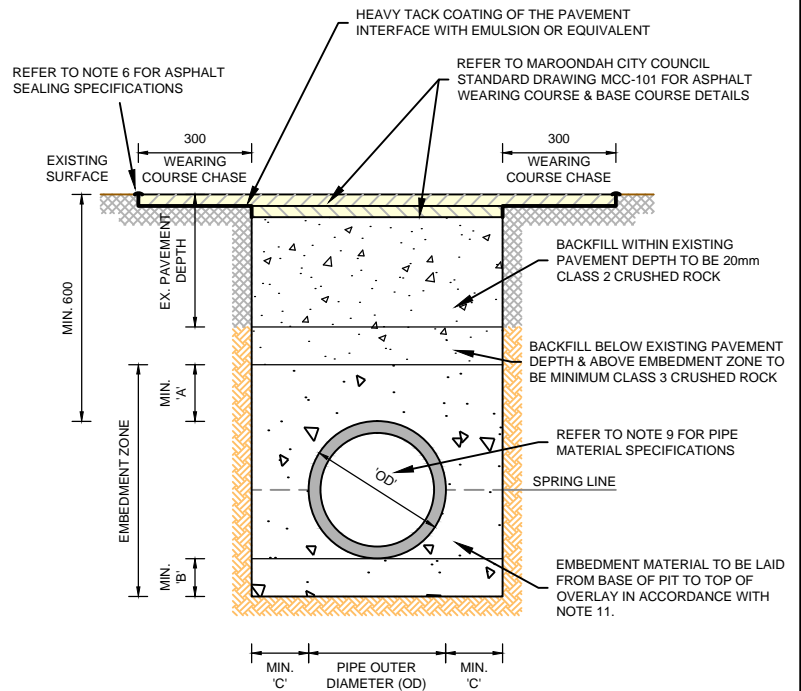
ALL PIPES ARE TO BE RUBBER RING JOINTED UNLESS SPECIFIED OTHERWISE.

11. PIPE EMBEDMENT MATERIAL TO BE:
 - 11.1. POLYPROPYLENE - 5-7mm CLASS 3 CRUSHED ROCK
 - 11.2. uPVC - 14mm CLASS 3 CRUSHED ROCK
 - 11.3. RCP - 20mm CLASS 3 CRUSHED ROCK
12. TRENCH EMBEDMENT DIMENSIONS TO BE CALCULATED RELATIVE TO THE OUTER DIAMETER (OD) OF DRAINAGE PIPE IN ACCORDANCE WITH EMBEDMENT ZONE TABLE BELOW.

PIPE OUTER DIAMETER (mm)	OVERLAY 'A' (mm)		BEDDING 'B' (mm)		CLEARANCE 'C' (mm)	
	POLY/uPVC PIPE	CONCRETE PIPE	POLY/uPVC PIPE	CONCRETE PIPE	POLY/uPVC PIPE	CONCRETE PIPE
300 TO ≤450	150	150	100	100	200	150
450 TO ≤900	150	150	150	100	300	150

* FOR PIPES WITH OUTER DIAMETER GREATER THAN 900mm, REFER TO PLUMBING & DRAINAGE AUSTRALIAN STANDARDS AS/NZS 3500.1:2018
 * REFER TO NOTES FOR ADDITIONAL PIT SPECIFICATIONS

EMBEDMENT ZONE TABLE



TRENCH WITHIN ROAD PAVEMENT

1:20 SCALE @ A4



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Title:

REINSTATEMENT OF DRAINAGE PIPE TRENCHES

Revision: 00
 Date: October 2020
 Sheet: 1 of 1
 Standard Drawing Number:
MCC-105