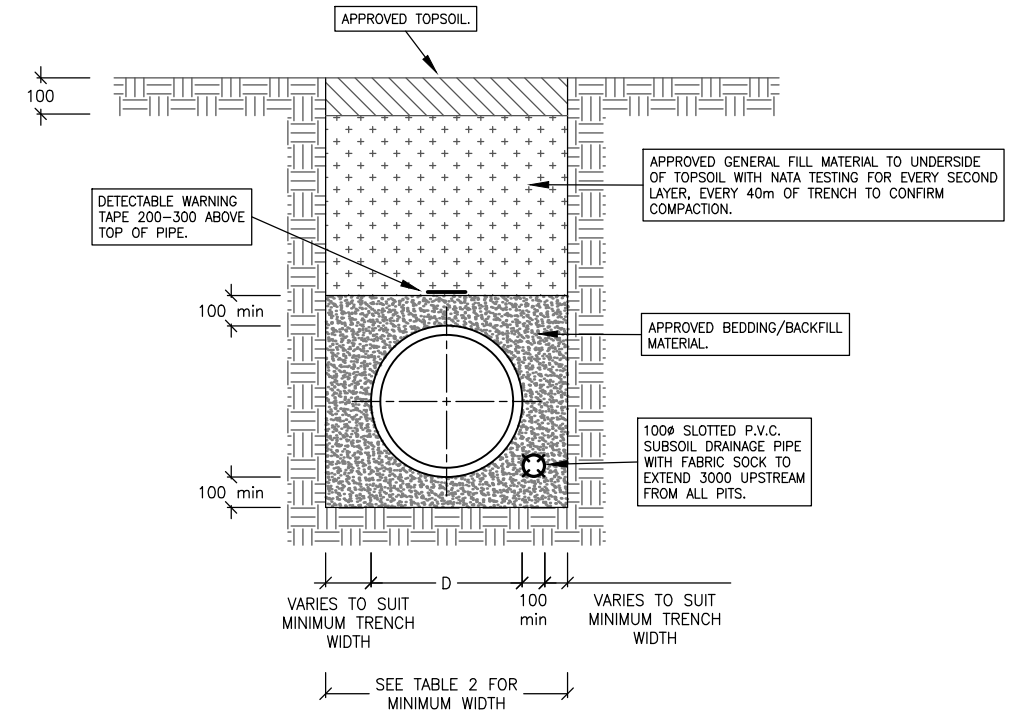


**CASE 1: PIPES UNDER EXISTING TRAFFICABLE SURFACE OR WITH COVER LESS THAN 600**  
NOT TO SCALE



**CASE 3: PIPES NOT UNDER TRAFFICABLE SURFACE**  
NOT TO SCALE

**NOTES:**

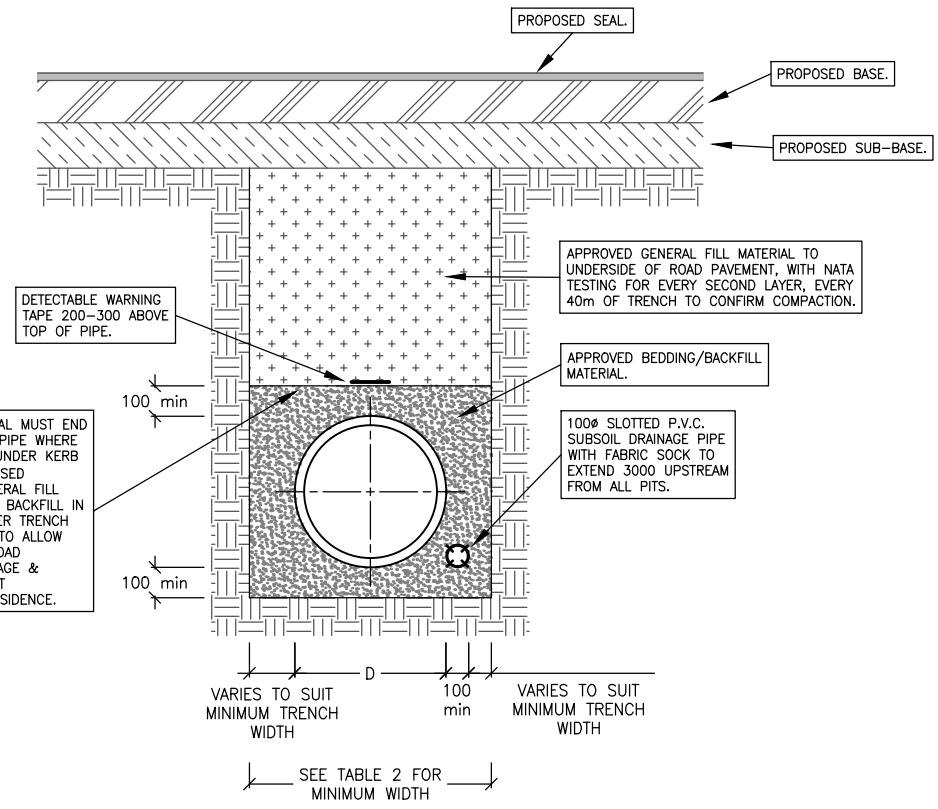
1. ALL DIMENSIONS IN MILLIMETRES.
2. COMPACT ALL TRENCHES IN LAYERS NOT MORE THAN 200 COMPACTED THICKNESS TO A MINIMUM OF 98% STANDARD MAXIMUM DRY DENSITY OF THE MATERIAL, REGARDLESS OF THE MATERIAL TYPE.
3. BEDDING/BACKFILL MATERIAL TO COMPLY WITH TABLE 1 PARTICLE SIZE DISTRIBUTION REQUIREMENTS.
4. USE 27:1 SAND:CEMENT MATERIAL TO UNDERSIDE OF TOPSOIL OR ROAD PAVEMENT WHEN CROSSING EXISTING ROADWAYS OR WHERE PIPE COVER IS LESS THAN 600.
5. MINIMUM TRENCH WIDTH TO COMPLY WITH TABLE 2.
6. DETECTABLE WARNING TAPE SHALL BE DARK BLUE IN COLOUR WITH WORDING "STORMWATER MAIN BELOW" OR APPROVED EQUIVALENT.
7. BEDDING/BACKFILL MATERIAL MUST END 100-200 ABOVE TOP OF PIPE WHERE TRENCH IS UNDER KERB & GUTTER IN NEW/PROPOSED ROADWAY. APPROVED GENERAL FILL MATERIAL TO BE USED AS BACKFILL IN REMAINDER OF STORMWATER TRENCH UP TO SUB-BASE LAYER TO ALLOW CONSTRUCTION OF ROAD PAVEMENT SUBSOIL DRAINAGE & STREET TREE BED WITHOUT STORMWATER TRENCH SUBSIDENCE. SEE EN12045 & EN12046 FOR ADDITIONAL DETAILS.
8. SEE EN7896 FOR FULL DETAIL/SPECIFICATION FOR SUBSOIL DRAINAGE REQUIREMENTS.

**TABLE 2**

MINIMUM TRENCH WIDTHS	
PIPE SIZE	MINIMUM WIDTH
150Ø	450
225Ø	600
300Ø	700
375Ø	750
450Ø	850
525Ø	900
600Ø	1000
675Ø	1050
750Ø	1150
900Ø	1300
1050Ø	1450
1200Ø	1600
1350Ø	1750
1500Ø	1900
1800Ø	2200

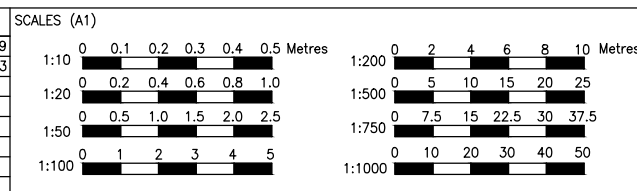
**TABLE 1**

BEDDING/BACKFILL MATERIAL PARTICLE SIZE DISTRIBUTION	
AS SIEVE SIZE (mm)	PERCENTAGE PASSING BY MASS
9.5	100
6.73	70-100
4.75	50-100
2.36	40-100
1.18	30-65
0.6	12-40
0.30	0-16
0.15	0-4
0.075	0-3



**CASE 2: PIPES UNDER PROPOSED TRAFFICABLE SURFACE**  
NOT TO SCALE

REV	DESCRIPTION	INITIALS	DATE
A	ISSUED FOR APPROVAL	JW/LW	16-09-99
B	DETAIL, NOTE & DRAFTING UPDATES	MC	21-09-23
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SURVEYED	---
CHECKED	---
DRAWN	MC
DESIGN	---
DATE	21-09-23
DATUM	AHD

**BATHURST REGIONAL COUNCIL**

PROJECT BRC STANDARD STORMWATER PIPE BEDDING & BACKFILL DETAILS		
DESCRIPTION TYPICAL DETAILS & NOTES		
DWG No. EN7892	SHEET No. 01	REV. B