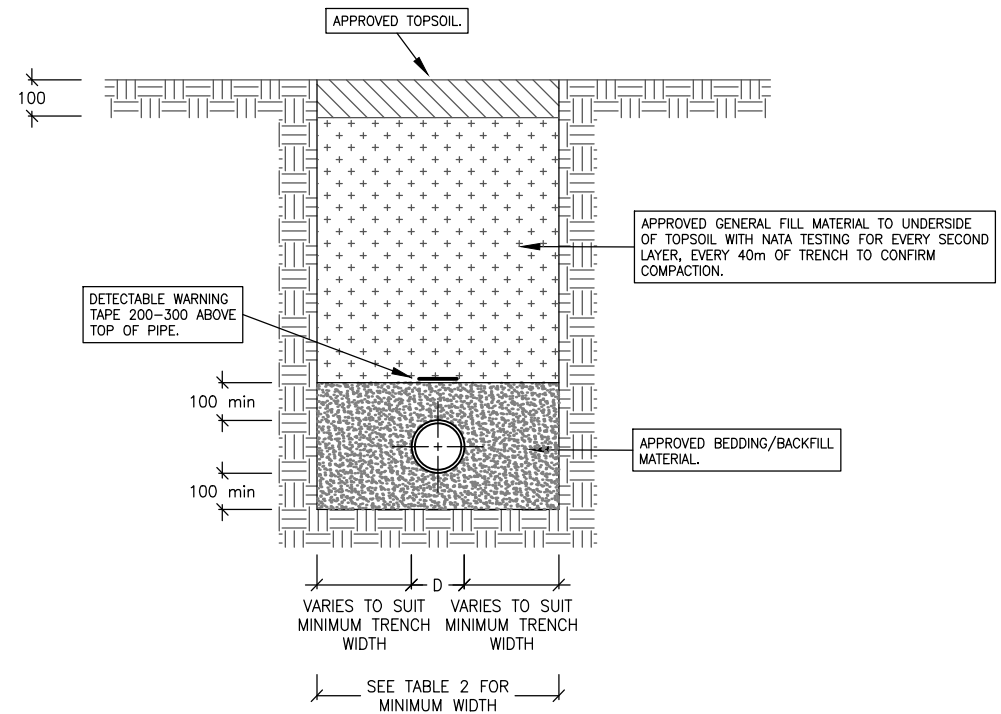
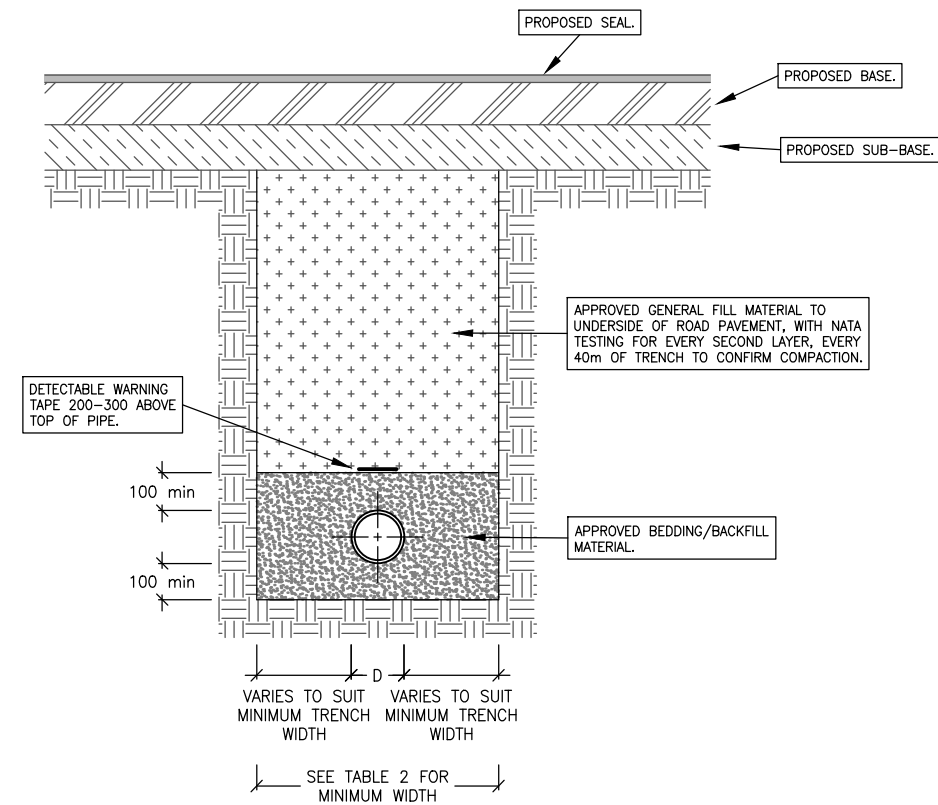


CASE 1: PIPES UNDER EXISTING TRAFFICABLE SURFACE OR WITH COVER LESS THAN 700
NOT TO SCALE



CASE 3: PIPES NOT UNDER TRAFFICABLE SURFACE
NOT TO SCALE



CASE 2: PIPES UNDER PROPOSED 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 ROAD PAVEMENT WHEN CROSSING EXISTING ROADWAYS OR WHERE PIPE COVER IS LESS THAN 700.
5. MINIMUM TRENCH WIDTH TO COMPLY WITH TABLE 2.
6. DETECTABLE WARNING TAPE SHALL BE CREAM OR BIEGE IN COLOUR WITH WORDING "SEWER MAIN BELOW" OR APPROVED EQUIVALENT.

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

TABLE 2

MINIMUM TRENCH WIDTHS	
PIPE SIZE	MINIMUM WIDTH
150ø	450
225ø	500
300ø	600
375ø	650

CONSULTANT	REV	DESCRIPTION	INITIALS	DATE	SCALES (A1) 1:10 0 0.1 0.2 0.3 0.4 0.5 Metres 1:20 0 0.2 0.4 0.6 0.8 1.0 1:50 0 0.5 1.0 1.5 2.0 2.5 1:100 0 1 2 3 4 5 1:200 0 2 4 6 8 10 Metres 1:500 0 5 10 15 20 25 1:750 0 7.5 15 22.5 30 37.5 1:1000 0 10 20 30 40 50	SURVEYED	CHECKED	PROJECT BRC STANDARD SEWER PIPE BEDDING & BACKFILL DETAILS DESCRIPTION DETAILS & NOTES DWG No. EN7901 SHEET No. 01 REV. B	
	A	ISSUED FOR APPROVAL	DB/MF	15-12-98		DRAWN	MC		TECHNICAL SERVICES MANAGER
CHECKED	B	DETAIL, NOTE & DRAFTING UPDATES	MC	21-09-23	DESIGN	-	DATE	21-09-23	DIRECTOR ENGINEERING SERVICES
APPROVED					DATUM	AHD			

