



NOTES:

- ALL DIMENSIONS IN MILLIMETRES.
- 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.
- BEDDING/BACKFILL MATERIAL TO COMPLY WITH TABLE 1 PARTICLE SIZE DISTRIBUTION REQUIREMENTS.
- USE 27:1 SAND:CEMENT MATERIAL TO UNDERSIDE OF ROAD PAVEMENT WHEN CROSSING EXISTING ROADWAYS OR WHERE PIPE COVER IS LESS THAN 800.
- MINIMUM TRENCH WIDTH TO COMPLY WITH TABLE 2.
- DETECTABLE WARNING TAPE SHALL BE GREEN IN COLOUR WITH WORDING "WATER MAIN BELOW" OR APPROVED EQUIVALENT. DIFFERENT COLOURED TAPE IS NOT REQUIRED FOR RAW WATER OR FIRE LINE MAINS – STILL USE GREEN TAPE.

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
100ø	300
150ø	450
200ø	500
225ø	500
250ø	550
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 WATER RETICULATION PIPE BEDDING & BACKFILL DETAILS DESCRIPTION DETAILS & NOTES DWG No. EN7904 SHEET No. 01 REV. B
	A	ISSUED FOR APPROVAL	DB/MF	15-12-98		DRAWN	MC	
	B	DETAIL, NOTE & DRAFTING UPDATES	MC	21-09-23		DESIGN	-	
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CHECKED	APPROVED					DATUM	AHD	
						BATHURST REGIONAL COUNCIL		