



BEDDING/BACKFILL MATERIAL PARTICLE SIZE DISTRIBUTION

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.
2. BEDDING/BACKFILL MATERIAL TO COMPLY WITH TABLE 1 PARTICLE SIZE DISTRIBUTION REQUIREMENTS.
3. SUBSOIL DRAINAGE FILTER DESIGN TO BE BASED ON THE DESIGN METHOD IN AUSTRROADS GUIDE TO PAVEMENT TECHNOLOGY PART 10: SUBSURFACE DRAINAGE.
4. TYPE 1 DRAIN IS COMPATIBLE WITH MOST IN-SITU MATERIALS WITH THE EXCEPTION OF HEAVY CLAYS WHERE MORE THAN 40% BY WEIGHT PASSES THE 13.5 MICRON SIEVE. TYPE 2 DRAIN TO BE USED IN THIS CASE.
5. A NOMINAL SIZE AGGREGATE (10mm MAXIMUM) MAY BE SUBSTITUTED FOR THE BEDDING/BACKFILL MATERIAL IN THE TYPE 1 DRAIN WHEN DESIGN METHODS IN AUSTRROADS GUIDE SHOWS THAT THE AGGREGATE IS COMPATIBLE WITH THE IN-SITU MATERIAL. FABRIC SOCK CAN BE OMITTED IN THESE CIRCUMSTANCES.

CONSULTANT		REV	DESCRIPTION	INITIALS	DATE	SCALES (A1)		SURVEYED	—	CHECKED	BATHURST REGIONAL COUNCIL 	PROJECT		BRC STANDARD SUBSOIL DRAINAGE DETAILS	
		A	ISSUED FOR APPROVAL	DOH/BH	30-06-98	1:10	0 0.1 0.2 0.3 0.4 0.5 Metres	1:200	0 2 4 6 8 10 Metres			DRAWN	MC	TECHNICAL SERVICES MANAGER	DESCRIPTION
		B	DETAIL, NOTE & DRAFTING UPDATES	MC	21-09-23	1:20	0 0.2 0.4 0.6 0.8 1.0	1:500	0 5 10 15 20 25	DESIGN		—			
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						1:100	0 1 2 3 4 5	1:1000	0 10 20 30 40 50	DATUM		AHD			
CHECKED	APPROVED											DWG No.	SHEET No.	REV.	
												EN7896	01	B	