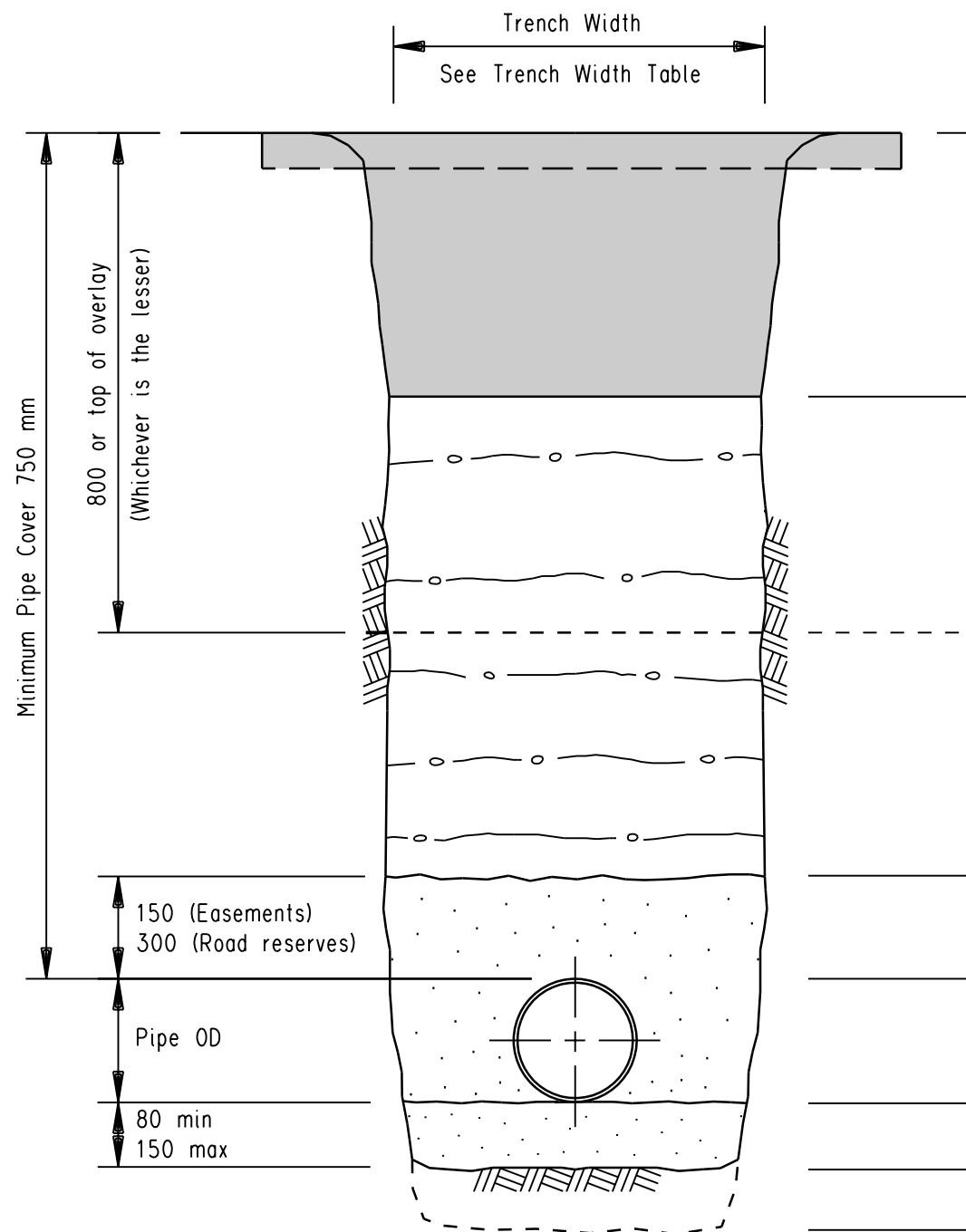


02-0296-01

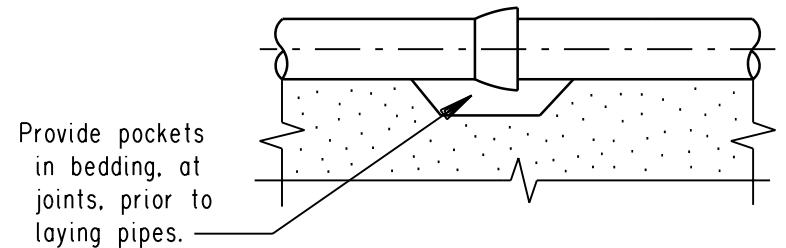
ISSUED 31st JANUARY 2003



ZONE		MATERIAL/COMPACTION
Surface	EASEMENTS <ul style="list-style-type: none"> Reinstate topsoil with 150 mm minimum of good quality topsoil lightly compacted and seeded, turfed etc. to match existing. Reinstate unsealed road pavement with minimum 150 mm of PM2/20QG (1) compacted to not less than 98% MMDD (3). Reinstate brick paving, bitumen footpath etc. to match existing. 	
	ROAD RESERVES <ul style="list-style-type: none"> Refer Page G3. 	
Trench Fill	INSTALLATION IN NEW ROAD RESERVES, EASEMENTS AND EXISTING ROAD SHOULDERS <ul style="list-style-type: none"> Inorganic fill with a maximum stone size of 75 mm, compacted to not less than 95% SMDD (4). 	
	RESTORATION IN EXISTING ROAD PAVEMENT <ul style="list-style-type: none"> PM2/20 (2) compacted to not less than 95% MMDD (2). OR DS4(b) sand compacted to not less than 100% SMDD (4) (5). 	
		INSTALLATION IN NEW ROAD RESERVES, EASEMENTS AND EXISTING ROAD SHOULDERS <ul style="list-style-type: none"> Inorganic fill with a maximum stone size of 75 mm, compacted to not less than 90% SMDD (4).
		RESTORATION IN EXISTING ROAD PAVEMENT <ul style="list-style-type: none"> PM2/20 (2) compacted to not less than 92% MMDD (2). OR DS4(b) sand compacted to not less than 95% SMDD (4) (5).
		<i>Place ALL trench fill in layers parallel to the surface with a loose thickness not greater than 200 mm. Each layer to be compacted separately.</i>
Pipe Embedment Fill	Overlay	EASEMENTS and ROAD RESERVES <ul style="list-style-type: none"> Refer Page G2.
	Side Support	
	Bedding	
Over-excavation Backfill		

TRENCH WIDTH

Nominal Pipe Dia. mm	Trench Width measured at top (between faces of shoring if used) mm	
	Minimum mm	Maximum mm
150	600	800
250	600	900
300	600	1000



PIPE SOCKET BEDDING POCKETS

NOTES

- PM2/20QG = 20 mm Class 2 Quarried Pavement Material. Recycled material shall not be used where it will be exposed at the surface.
- PM2/20 = 20 mm Class 2 Pavement Material. It may be either quarried or recycled.
- MMDD = modified maximum dry density (AS 1289.5.2.1)
- SMDD = standard maximum dry density (AS 1289.5.1.1)
- If the DS4(b) sand does not display a defined moisture-density curve (see Note 1 of AS 1289.5.5.1) then the density index method (AS 1289.5.6.1) shall be used for compaction control. An I_D of 75% shall be taken as equivalent to 95% standard, and an I_D of 90% shall be taken as equivalent to 100% standard.

THIS DRAWING SUPERSEDES DRG. 02-0155-01A

Chg	Amendment -	Des	EBC	signed <u>G R ROSSER</u> for Gen. Man. E&P 31 / 1 / 03 ENGINEERING & PROJECTS	SOUTH AUSTRALIAN WATER CORPORATION 	SEWER CONSTRUCTION MANUAL PAGE G1 INSTALLATION OF SEWER PIPES	Not to Scale
Drn		Drn	RBR				EWS 4168/92
Ckd		Exm					2000
Unit Ldr.		Unit Ldr.					02-0296-01

© This drawing is the property of the South Australian Water Corporation and shall not be copied without permission.