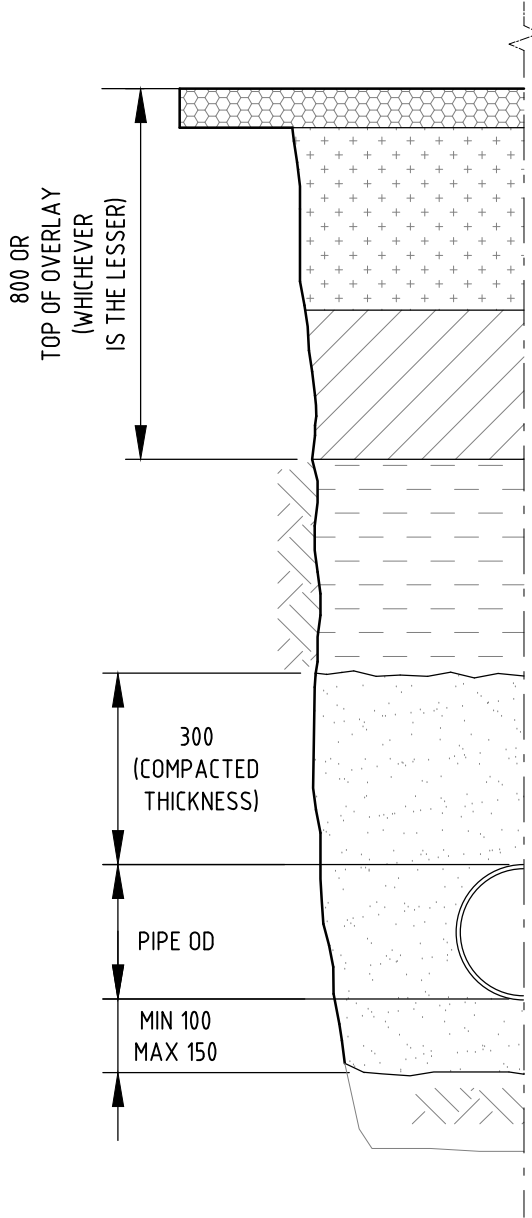


TRAFFICABLE AREAS
ROAD PAVEMENTS & SHOULDERS

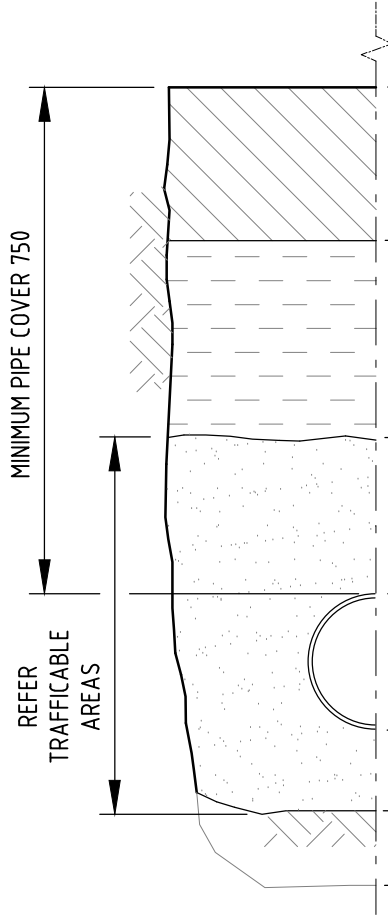


ZONE		MATERIAL / COMPACTION
		REFER 4005-20003-03 FOR ROAD PAVEMENT REQUIREMENTS. REINSTATE BRICK PAVING, BITUMEN FOOTPATH, ETC. TO MATCH EXISTING.
TRENCH FILL		PM2/20 OR SA-C SAND COMPACTED TO 95% MMDD OR TS4 SAND COMPACTED TO 100% SMDD.
PIPE EMBEDMENT FILL	OVERLAY	SCREENINGS, OR ALTERNATIVELY 7, 10, OR 14 mm SINGLE SIZE AGGREGATE FOR GRAVITY SEWERS. REFER 4005-20003-02. TS4 SAND FOR PRESSURE SEWERS. REFER WSCM 4005-30003-02.
	SIDE SUPPORT	
	BEDDING	
	OVER-EXCAVATION BACKFILL	

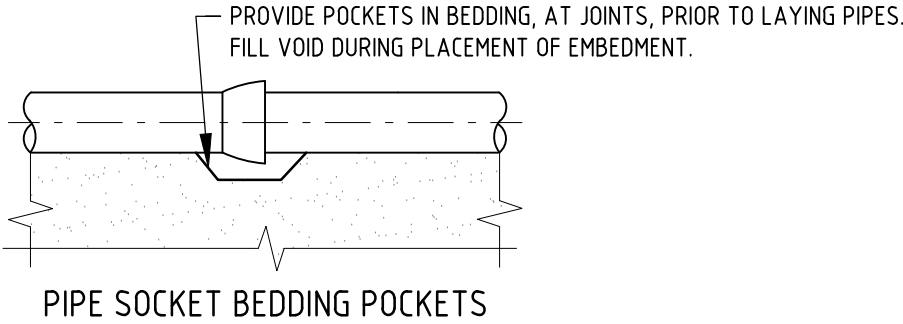
TRENCH WIDTH

NOMINAL PIPE DN	TRENCH WIDTH MEASURED AT TOP OF PIPE (BETWEEN FACES OF SHORING IF USED)	
	MINIMUM	MAXIMUM
150	600	800
250	600	900
300	600	1000

NON-TRAFFICABLE AREAS
EASEMENTS, ETC.



ZONE		MATERIAL / COMPACTION
SURFACE ZONE		REINSTATE TOPSOIL WITH GOOD QUALITY TOPSOIL LIGHTLY COMPACTED AND SEEDED, TURFED, ETC. TO MATCH EXISTING MINIMUM 150mm THICK
TRENCH FILL		INORGANIC FILL WITH MAXIMUM STONE SIZE OF 75 mm COMPACTED TO 95% SMDD. PLACE ALL MATERIALS IN MAXIMUM 200 mm (LOOSE) LAYERS. EACH LAYER TO BE COMPACTED SEPARATELY.
PIPE EMBEDMENT FILL	OVERLAY	REFER TRAFFICABLE AREAS.
	SIDE SUPPORT	
	BEDDING	
	OVER-EXCAVATION BACKFILL	



NOTES:

- REFER 4005-20002-01 TO 4005-20002-03 FOR GENERAL NOTES.
- PM2/20 = 20 mm CLASS 2 PAVEMENT MATERIAL. IT MAY BE EITHER QUARRIED OR RECYCLED. RECYCLED MATERIAL SHALL NOT BE USED WHERE IT WILL BE EXPOSED AT THE SURFACE.
- MMDD = MODIFIED MAXIMUM DRY DENSITY (AS 1289.5.2.1).
- SMDD = STANDARD MAXIMUM DRY DENSITY (AS 1289.5.1.1).
- WHERE THE SAND IS USED, IF THE SAND DOES NOT DISPLAY A DEFINED MOISTURE-DENSITY CURVE, (REFER AS1289.5.5.1, NOTE 1) THEN THE DENSITY INDEX (ID) METHOD (AS 1289.5.6.1) SHALL BE USED FOR COMPACTION CONTROL.
AN ID OF 75% SHALL BE TAKEN AS EQUIVALENT TO 95% SMDD AND
AN ID OF 90% SHALL BE TAKEN AS EQUIVALENT TO 100% SMDD.
- ALL DIMENSIONS IN MILLIMETRES.

REVISION PANEL					DESIGN PANEL			SA WATER STANDARD DRAWINGS SEWER CONSTRUCTION MANUAL PIPE EMBEDMENT & TRENCH FILL REQUIREMENTS			A3 SHT SIZE		1 REVISION
REV	DATE	DRN	DETAILS	APR	CURRENT REV	DESIGNED: 03/08/15	AUTHORISED: 31/03/16	 This drawing is the property of the SOUTH AUSTRALIAN WATER CORPORATION and shall not be copied or modified in part or in whole without authorization.			TOTAL SHEETS:		
						RJP	T.GALEK				SUPERSEDES: 02-0296-01 (G1)		
						DRAWN: 25/09/15	SIGNATURE:				DRAWING NUMBER		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		MS					4005-20003-01		
						REVIEWED: 21/03/16					PREFIX NUMBER SHEET		
						TG							