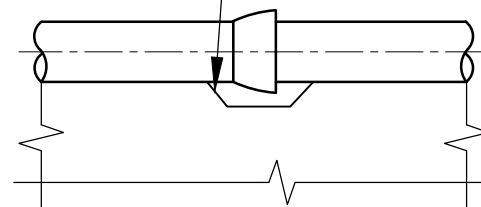


PROVIDE POCKETS IN BEDDING, AT JOINTS, PRIOR TO LAYING PIPES. FILL VOID DURING PLACEMENT OF EMBEDMENT



PIPE SOCKET BEDDING POCKETS

MATERIAL / COMPACTION		
ZONE	TRAFFICABLE AREAS (ROAD PAVEMENTS & SHOULDERS)	NON-TRAFFICABLE AREAS (EASEMENTS, ETC.)
SURFACE ZONE	REFER TO 4005-30003-03 FOR ROAD PAVEMENT REQUIREMENTS.	REINSTATE TOPSOIL WITH GOOD QUALITY TOPSOIL LIGHTLY COMPACTED AND SEEDED, TURFED, ETC. TO MATCH EXISTING MINIMUM 150 mm THICK.
	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.	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	
	SIDE SUPPORT	TS4 SAND REFER TO 4005-30003-02
	BEDDING	TS4 SAND REFER TO 4005-30003-02
OVER-EXCAVATION BACKFILL		

NOTES:

- REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.
- ALL PIPE RISERS (EG. HYDRANT RISERS) SHALL BE SURROUNDED BY A MINIMUM OF 300 mm OF COMPACTED EMBEDMENT MATERIAL EXTENDING UP TO CONCRETE SPACER RING.
- 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).
- IF THE TS4 SAND DOES NOT DISPLAY A DEFINED MOISTURE-DENSITY CURVE, (SEE NOTE 1 OF AS 1289.5.1 NOTE 1) THEN THE DENSITY INDEX (I_D) METHOD (AS 1289.5.6.1) SHALL BE USED FOR COMPACTION CONTROL.
AN I_D OF 75% SHALL BE TAKEN AS EQUIVALENT TO 95% OF SMDD, AND
AN I_D OF 80% SHALL BE TAKEN AS EQUIVALENT TO 97% OF SMDD, AND
AN I_D OF 90% SHALL BE TAKEN AS EQUIVALENT TO 100% OF SMDD.
- ALL DIMENSIONS ARE IN MILLIMETRES.

REVISION PANEL					DESIGN PANEL		<div><div><div><div><div><div></div><div>SA Water</div></div></div><div><div><div><div><div></div><div>Government of South Australia</div></div></div><div><div><div><div><div></div><div>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.</div></div></div></div></div></div></div></div></div></div>		SA WATER STANDARD DRAWINGS WATER SUPPLY CONSTRUCTION MANUAL PIPE EMBEDMENT & TRENCH FILL REQUIREMENT		<div><div>A3</div><div>SHT SIZE</div></div> <div>1</div> <div>REVISION</div>	
REV	DATE	DRN	DETAILS	APR	CURRENT REV	DESIGNED: 28/09/15	AUTHORISED: 31/03/16	TOTAL SHEETS:		SUPERSEDES: 01-0008-01 (B1)		
					AUTHORISED:	RJP	T.GALEK	DRAWING NUMBER		4005-30003-01		
					SIGNATURE:	DRAWN: 16/11/15	SIGNATURE:	PREFIX		NUMBER		
						MS		SHEET				
						REVIEWED: 21/03/16						
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		TG						