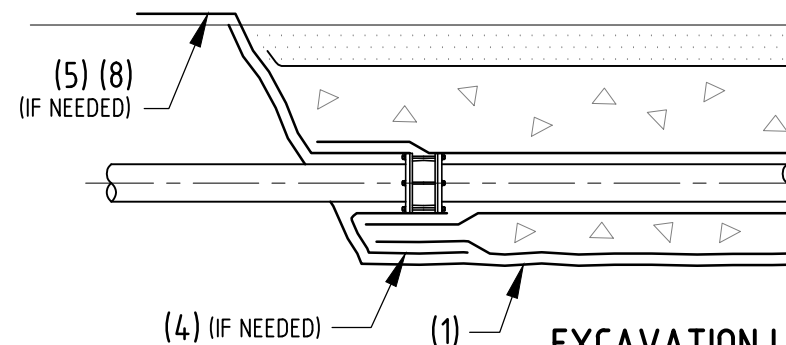


EXCAVATION CROSS SECTION



EXCAVATION LONGITUDINAL SECTION

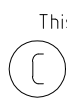
NOTES:

- APPROVED MATERIALS:
 - TS4 SAND. REFER 4005-30003-01.
 - SA10-7 SCREENINGS.
 - GEOTEXTILE FILTER FABRIC SHALL BE MEDIUM WEIGHT NON-WOVEN NEEDLE PUNCHED.
- TRENCH CLEAN UP
 - PRIOR TO BACKFILL:
 - TRIM THE SIDES, ENDS AND FLOOR OF THE EXCAVATION.
 - REMOVE ALL MUD AND LOOSE DEBRIS FROM THE FLOOR.
 - IT IS NOT NECESSARY TO REMOVE ALL WATER.
 - WHERE SCREENINGS ARE UTILISED,
 - ALL EXISTING OR NEW PVC AND DICI PIPE SHALL BE WRAPPED:
 - WITH GEOTEXTILE FABRIC (DICI OVER THE PROTECTIVE SLEEVE).
 - MINIMUM OVERLAP SHALL BE 100 mm.
 - (PE, SINTAKOTE MSCL, AC OR CAST IRON PIPES DO NOT REQUIRE WRAPPING).
 - DISTURBANCE TO THE EXISTING SAND EMBEDMENT OR TRENCH FILL SHALL BE MINIMISED BY:
 - DRAPING A GEOTEXTILE FABRIC DOWN THE ENDS OF THE EXCAVATION.
 - LAPPING IT CAREFULLY AROUND THE PIPE AND EXTEND TO NOT LESS THAN 300 mm OUT ONTO THE FLOOR OF THE EXCAVATION BENEATH THE PIPE.
 - PRESSING THE GEOTEXTILE FABRIC WELL INTO ALL CORNERS OF THE TRENCH. ENSURE NO SAND IS EXPOSED.
 - WHERE THE FLOOR OR WALLS OF THE EXCAVATION CONSIST OF SAND OR VERY SOFT CLAY:
 - DRAPE GEOTEXTILE FABRIC DOWN THE WALLS AND ACROSS THE FLOOR OF THE EXCAVATION
 - PRESS THE GEOTEXTILE FABRIC WELL INTO ALL CORNERS OF THE TRENCH.
 - OVERLAP SHALL BE MINIMUM 300 mm
 - PLACE SCREENINGS ON THE FLOOR OF THE EXCAVATION UP TO THE LEVEL OF THE UNDERSIDE OF THE PIPE. COMPACT BY WALKING IN, PUSHING THE SCREENINGS HARD UNDER THE BOTTOM OF THE PIPE.
 - FILL THE TRENCH :
 - IN **EASEMENT OR NON-TRAFFICABLE AREAS**, TO THE UNDERSIDE OF THE SURFACE ZONE, REFER 4005-30003-01.
 - IF THE EXISTING SOIL AT THIS LEVEL IS SAND, SILT AND CLAY, A LAYER OF GEOTEXTILE SHALL BE PLACED OVER THE SCREENINGS
 - IN **ROAD OR TRAFFICABLE AREAS** TO THE UNDERSIDE OF THE BASE COURSE . REFER 4005-30003-03.
 - FOR BOTH ALTERNATIVES COMPACT THE TOP OF THE SCREENINGS WITH NOT LESS THAN THREE PASSES OF A VIBRATING PLATE COMPACTOR.
 - IF REQUIRED, THE SCREENINGS MAY BE BROUGHT UP TO WITHIN 40mm OF THE SURFACE AND A TEMPORARY SURFACE OF RECYCLED ASPHALT PLACED.
 - FOLD ANY FLAPS OF GEOTEXTILE FROM (4) OR (5) BACK OVER THE TOP OF THE SCREENINGS.
 - REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.

REVISION PANEL					DESIGN PANEL			SA WATER STANDARD DRAWINGS			A3	1
REV	DATE	DRN	DETAILS	APR	CURRENT REV	DESIGNED:	AUTHORISED:	WATER SUPPLY CONSTRUCTION MANUAL		SHT SIZE		REVISION
						RJP	31/03/16			TOTAL SHEETS:		
						MS				SUPERSEDES: 01-0162-01 (B4)		
						TG				DRAWING NUMBER		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG						4005-30003-04		
										PREFIX		SHEET



SA Water



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SA WATER STANDARD DRAWINGS
WATER SUPPLY CONSTRUCTION MANUAL
REINSTATEMENT OF EXCAVATIONS AFTER
BURSTS OR OTHER
SMALL SCALE REPAIR WORKS

1
REVISION
TOTAL SHEETS:
SUPERSEDES: 01-0162-01 (B4)
DRAWING NUMBER
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