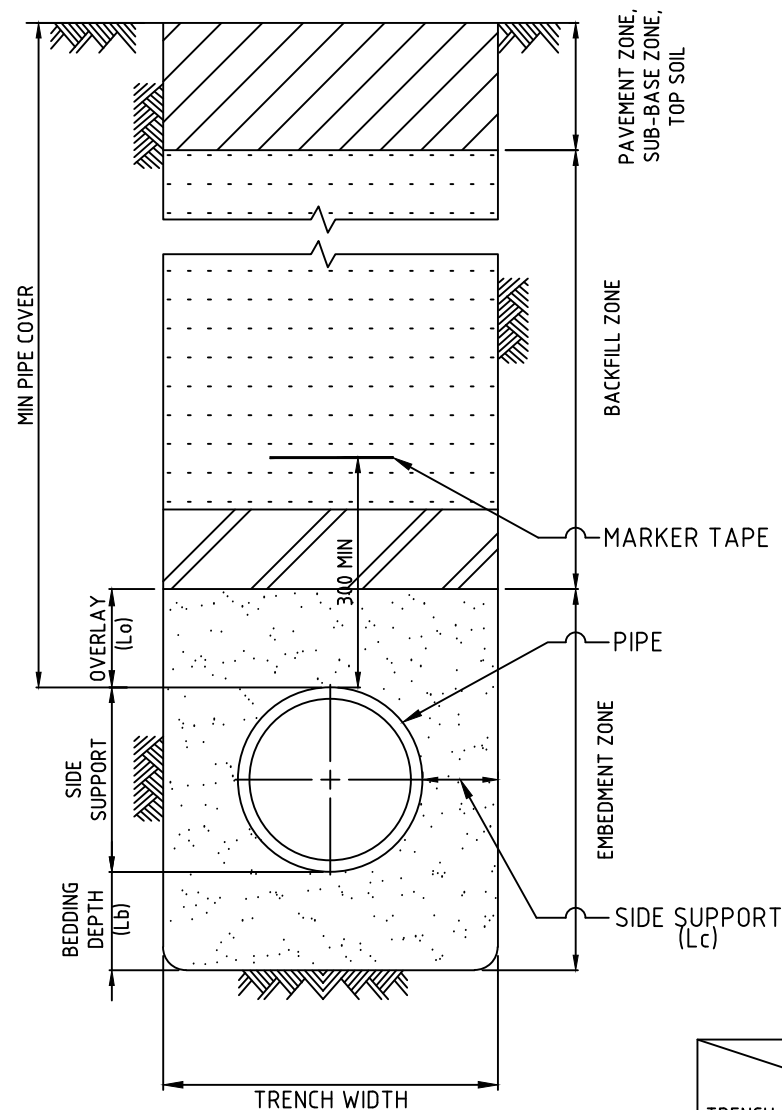




TRENCH AND EMBEDMENT DETAIL
SCALE :NTS

WATER GENERAL NOTES:

1. THIS DRAWING APPLIES TO ALL APPROVED WATER MAIN PIPE MATERIALS.
2. FOR TRAFFIC AREAS, ROAD AUTHORITY REQUIREMENTS SHALL APPLY. WHERE MORE STRINGENT, THEY TAKE PRECEDENCE; WHERE LESS STRINGENT AND FORMALLY ACCEPTED BY THE ROAD AUTHORITY, THEY MAY BE ADOPTED; OTHERWISE THIS SPECIFICATION WILL PREVAIL.
3. SELECT FILL MATERIAL THAT IS FREE FROM ORGANIC OR OTHER DELETERIOUS MATERIAL, OBTAINED FROM EXCAVATION OR IMPORTED, WITH A PARTICLE SIZE OF ROCK NOT GREATER THAN 20mm, OR FOR OTHER ROCK NOT GREATER THAN 75mm (REFER AS2566.2-2002).
4. IMPORTED SELECTED MATERIAL MUST BE USED WHERE EXCAVATION IS IN ROCK OR REEF
5. WHERE TRENCH EXCAVATION EXCEEDS THE DESIGN DEPTH BY MORE THAN 150, THE EXCESS MUST BE BACKFILLED TO THE REQUIRED INVERT LEVEL WITH 20mm CRUSHED ROCK CLASS 3 COMPACTED TO 95% MDR (MODIFIED DENSITY RATIO).
6. WANNON WATER APPROVED MARKER TAPE MUST BE USED FOR DETECTABLE AND NON-DETECTABLE TYPES. THE TAPE MESSAGES SHALL READ: "DANGER - BURIED WATER MAIN BELOW"
7. TRENCH BEDDING DEPTH (Lb), MIN OVERLAY (Lo), SIDE SUPPORT (Lc) MUST BE AS PER TABLE 202-A: TRENCH DIMENSION.
8. FOR DIFFERENTIATION BETWEEN TRAFFICABLE TYPE R AND TRAFFICABLE TYPE F AREAS, REFER TO MRWA-W-201.

PIPE LOCATION TRENCH ZONE	TRAFFICABLE TYPE R		TRAFFICABLE TYPE F	NON-TRAFFICABLE	MIN COMPACTION
	HIGHWAYS & ARTERIAL ROADS	LOCAL GOVERNMENT MANAGED ROADS PAVEMENTS	FOOTPATHS, VEHICLE ACCESS & DRIVEWAY	NATURE STRIPS & TREE RESERVES	
MINIMUM PIPE COVER	1200mm	800mm	RESIDENTIAL - 600mm NON-RESIDENTIAL 800mm	600mm (MEASURED FROM LIP OF KERB)	
PAVEMENT ZONE, SUB-PAVEMENT ZONE, TOP SOIL	Refer to MRWA-W-201.		Refer to MRWA-W-201.	Add topsoil, re-seed and level to match the existing	Refer to MRWA-W-201.
BACKFILL ZONE	Refer to MRWA-W-201.		Refer to MRWA-W-201.	Refer to MRWA-W-201(selected fill only) or refer to note 3.	Refer to MRWA-W-201.
EMBEDMENT ZONE	Refer to MRWA-W-201 and embedment material as per table 203-B.				Refer to MRWA-W-201.

TABLE 1
EMBEDMENT & BACKFILLING DETAILS

						 Wannon Region Water Corporation PO Box 1158, Warrnambool VIC 3280 Ph. 1300 926 666 Fax. (03) 5564 7650 Email@Wannonwater.com.au www.wannonwater.com.au	This Drawing must not be used for Construction unless signed as "Approved" Note: * Indicates signatures on original issue of drawing or last revision of drawing	Designed	WW Eng Standard Committee	Wannon Water Project : STANDARD DRAWING Drawing Title : TRENCH AND BACKFILL DETAILS - Water				WW-SD-W002 Wannon Water Drawing No:
								Drawn	M.Wyss					
								Checked	WW Eng Standard Committee					
								Approved	WW Eng Standard Committee					
1	DRAWING UPDATED	M.W	WW ESC.	WW ESC.	18/02/2026			Date	18/02/2026	Original Size A3	Scale (At original paper size) 1:N.T.S.	Sheet No: 1 No. of Sheets: 1		
No.	Revision	Drawn	Checked	Approved	Date									