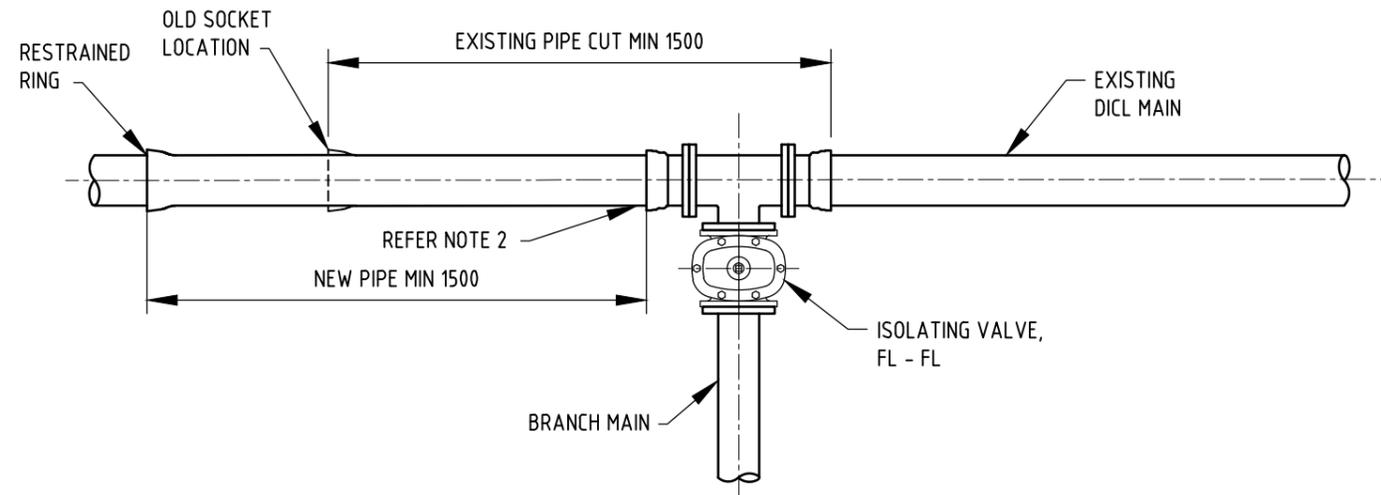
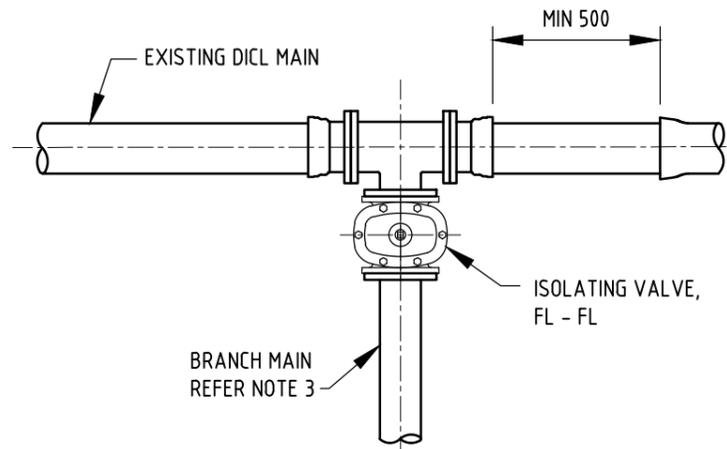


EXISTING PIPES PRIOR TO NEW BRANCH MAIN



NEW BRANCH CUT INTO EXISTING MAIN AT SOCKET END OF PIPE



NEW BRANCH CUT INTO EXISTING MAIN AT SPIGOT END OF PIPE

TABLE 1
PIPE OD TOLERANCE

PIPE DN	PIPE OD	TOLERANCE
100	122	+1 mm TO - 2 mm
150	177	+1 mm TO - 2 mm
200	232	+1 mm TO - 2 mm
250	286	+1 mm TO - 2 mm
300	345	+1 mm TO - 2 mm
375	426	+/- 2 mm

NOTES:

- REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.
- PRIOR TO THE CUTTING OF NEW SECTION OF PIPE THE NEW PIPE OD SHALL BE CHECKED TO CONFIRM OD IS WITHIN TOLERANCE AND THE PIPE IS SUITABLE FOR INSTALLATION. REFER TABLE 1.
PIPE WITH A LARGER OD MAY BE CHAMFERED TO ACHIEVE REQUIRED OD. PIPE WITH A SMALLER OD SHALL BE REJECTED.
- IF NEW BRANCH MAIN IS RESTRAINED JOINT DICTL REFER 4005-30005-04.
IF NEW BRANCH MAIN IS PVC OR NON RESTRAINED JOINT DICTL, REFER 4005-30005-03.
- WHERE THE EXISTING MAIN CANNOT BE SHUT DOWN TO ACHIEVE THE CUT IN, AN UNDER PRESSURE TAPPING SHALL BE PERFORMED. REFER 4005-30005-06.
- WORK SHALL ONLY BE UNDERTAKEN UNDER THE DIRECTION OF A PERSON WHO HAS COMPLETED AN APPROVED DUCTILE IRON PIPE INSTALLATION TRAINING COURSE.
- REFER 4005-30003-09 FOR RESTRAINED JOINT REQUIREMENTS IN LIEU OF THRUST/ ANCHOR BLOCKS.
- WHERE THE RESTRAINED JOINTING SYSTEM IS USED MARKING TAPE SHOWING 'RESTRAINED JOINT SYSTEM' SHALL BE USED.
- ALL DIMENSIONS IN MILLIMETRES.

REVISION PANEL					DESIGN PANEL			 SA WATER STANDARD DRAWINGS WATER SUPPLY CONSTRUCTION MANUAL EXISTING RESTRAINED JOINT DICTL MAIN NEW BRANCH MAIN RESTRAINED OR NON RESTRAINED	A3	1
REV	DATE	DRN	DETAILS	APR	CURRENT REV	DESIGNED:	AUTHORISED:		SHT SIZE	REVISION
					AUTHORISED:	28/09/15	31/03/16		TOTAL SHEETS:	
					SIGNATURE:	RJP	T.GALEK		SUPERSEDES: 91-0059-04 (C9)	
						DRAWN:	SIGNATURE:		DRAWING NUMBER	
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		MS		4005-30005-05		
						REVIEWED:		PREFIX	NUMBER	
						TG			SHEET	

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