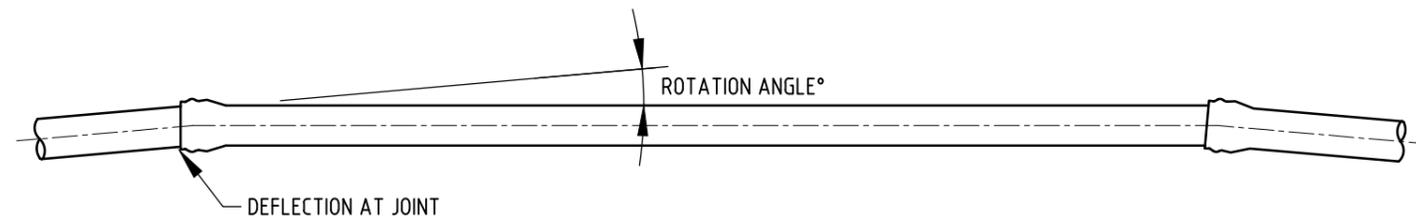
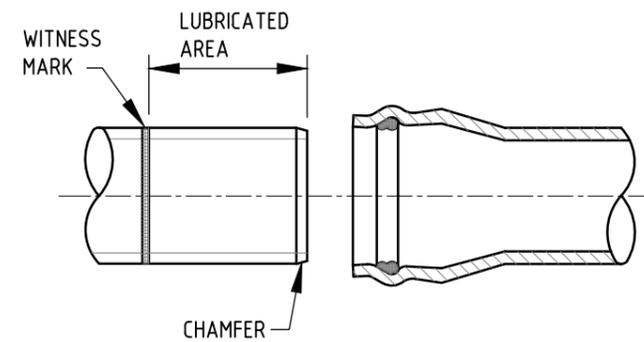


TYPICAL DEFLECTION AT PIPE TO FITTING JOINTS



TYPICAL DEFLECTION AT PIPE TO PIPE JOINTS

NOTE: PIPE IS TO BE DEFLECTED ONLY AFTER JOINT HAS BEEN MADE.

NOTES:

1. REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.
2. PERMISSIBLE MAXIMUM ALLOWABLE DEFLECTIONS FOR BOTH THE PIPE SOCKET & THE FITTING SOCKET VARY DEPENDENT UPON PIPE MATERIAL, PIPE SIZE & PIPE MANUFACTURER.
THE CONTRACTOR SHALL CONFIRM THE MAXIMUM ALLOWABLE DEFLECTION WITH THE PIPE MANUFACTURER.
3. WHERE A DESIGN IS BASED UPON A REQUIREMENT FOR DEFLECTED PIPES, THE DESIGNER SHALL SPECIFY THE REQUIRED DEFLECTION ON THE DESIGN DRAWINGS.
4. PIPES SHALL BE HANDLED AND INSTALLED IN ACCORDANCE WITH SA WATER'S CONSTRUCTION DOCUMENTATION & THE PIPE MANUFACTURER'S INSTRUCTIONS.
5. WHERE REQUIRED, PIPES CAN BE CUT TO LENGTH ON SITE USING EITHER A HAND SAW OR POWERED CUTTING DISC. REFER MANUFACTURERS INSTRUCTIONS FOR REQUIREMENTS FOR CHAMFERING THE CUT PIPE CHAMFER.
6. REFER MANUFACTURERS INSTRUCTIONS FOR DETAILS ON APPLICATION OF PIPE LUBRICANT, INSERTION OF CUT SPIGOT THRUSTING OF PIPE TO WITNESS MARK.
7. PRIOR TO CUTTING & USE OF THE SOCKET END OF A DICL PIPE, THE PIPE OD SHALL BE CHECKED. REFER 4005-30005-05.
8. WHERE INSERTING PIPE INTO DUCTILE IRON FITTINGS ENSURE THE APPROPRIATE WITNESS MARK IS USED TO SUIT THESE PARTICULAR SOCKETS.
9. PIPES SHALL NOT BE CUT WITHIN 1.0 m OF THE SOCKET END OF THE PIPE. THUS, **THE MINIMUM PERMISSIBLE LENGTH OF PIPE SHALL BE 1.0 m.**

REVISION PANEL					DESIGN PANEL		 SA WATER	SA WATER STANDARD DRAWINGS		A3	1
REV	DATE	DRN	DETAILS	APR	CURRENT REV AUTHORIZED:	DESIGNED: 28/09/15		AUTHORIZED: 31/03/16	WATER SUPPLY CONSTRUCTION MANUAL		SHT SIZE
					SIGNATURE:	RJP	T.GALEK	PIPE JOINTING & DEFLECTION		TOTAL SHEETS:	
						DRAWN: 16/11/15	SIGNATURE:			SUPERSEDES: C3, C4	
						REVIEWED: 21/03/16	TG			DRAWING NUMBER	
1	31/03/16	MS	2016 STANDARDS REVIEW	TG				4005-30005-02		PREFIX	NUMBER
								<small>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.</small>		SHEET	SHEET