


NOTES:

1. REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.
2. REFER 4005-30005-08 FOR:
 - DOGLEG CONSIDERATIONS,
 - DESIGN REQUIREMENTS,
 - DESIGN DRAWING REQUIREMENTS,
 - THE PE PIPE ALTERNATIVE.
3. CUT LENGTHS OF DCL PIPE FOR USE WITH THE RESTRAINED JOINT METHOD SHALL BE FROM A SECTION OF PIPE WITHIN 3.5 m OF THE SPIGOT.
4. DCL DOGLEGS SHALL BE PROTECTED BY EITHER:
 - LINEAR LOW DENSITY POLYETHYLENE SLEEVING. (REFER 4005-30005-01).
 - OR
 - WRAPPING WITH PETROLATUM TAPE SYSTEM IN ACCORDANCE WITH TS 29.
5. MSCL DOG LEGS:
 - ALL WELDING SHALL BE IN ACCORDANCE WITH AS 4041, CLASS 2.
 - SINTAKOTED PIPES: **WHERE SINTAKOTE HAS BEEN DAMAGED OR REMOVED**, PIPE SHALL BE WRAPPED WITH BITUMEN MASTIC TAPE SYSTEM, IN ACCORDANCE WITH TS 18.
 - NON-SINTAKOTED PIPES: PIPE SHALL BE WRAPPED WITH BITUMEN MASTIC TAPE SYSTEM, IN ACCORDANCE WITH TS 18.
6. STANDARD INSULATED FLANGED JOINT
 - SHALL BE INSTALLED WHERE INDICATED IF ADJOINING MAIN IS DCL OR CCL. NOT REQUIRED IF ADJOINING MAIN IS PVC OR AC.
 - REFER 04-0408-01 FOR DETAILS.
7. THRUST BLOCKS MAY NOT BE REQUIRED WHEN DOGLEG IS FABRICATED ENTIRELY FROM:
 - RESTRAINED JOINT DCL PIPE AND FITTINGS,
 - FLANGED DCL PIPE AND FITTINGS,
 - WELDED MSCL PIPE.
 REFER 4005-30003-08 FOR RESTRAINED JOINT REQUIREMENTS IN LIEU OF THRUST BLOCKS.
8. DN200 AND LARGER, MSCL & DCL DOG LEGS SHALL BE CATHODICALLY PROTECTED. REFER 4005-30009-03.
9. SHOULD STAINLESS STEEL BE UTILISED IN LIEU OF MSCL THE PIPE SHALL BE AS 1449, GRADE 316.

REVISION PANEL					DESIGN PANEL		 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.		SA WATER STANDARD DRAWINGS		A3	2
REV	DATE	DRN	DETAILS	APR	CURRENT REV 16/12/16	DESIGNED: 28/09/15			WATER SUPPLY CONSTRUCTION MANUAL		SHT SIZE	REVISION
					AUTHORISED: T. GALEK	AUTHORISED: 31/03/16			DCL & MSCL DOGLEGS		TOTAL SHEETS: SUPERSEDES: C12 & C13 DRAWING NUMBER 4005-30005-09 PREFIX NUMBER SHEET	
2	19/07/16	PC	SUPERSEDES CHANGED		SIGNATURE:	DRAWN: 16/11/15						
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		REVIEWED: 21/03/16		ORIGINAL SIGNED				