



**FIRE SERVICE OFF EXISTING MAIN  
DN100, DN150 & DN200 MAINS USING DICL PIPE  
(SHOWN WITH A DOGLEG & RESTRAINED JOINT RINGS)**

**NOTES:**

1. REFER 4005-30002-01 FOR GENERAL NOTES.
2. IF THE THE BRANCH OFFTAKE IS TO BE UNDERTAKEN AS A LIVE CONNECTION (UNDER PRESSURE TAPPING), THE WORK SHALL ONLY BE UNDERTAKEN BY AN AUTHORISED CONTRACTOR. REFER TS 0503, CLAUSE 9.3 FOR AUTHORIZED CONTRACTORS.
3. WHEN FIRE SERVICES ORIGINATE FROM A STEEL MAIN CONSULT THE CATHODIC PROTECTION SPECIALIST FOR DETERMINATION IF CATHODIC PROTECTION MAY BE REQUIRED.
4. REFER SECTIONS 3 & 5 FOR:
  - EXCAVATION, EMBEDMENT & PIPE COVER.
  - THRUST AND ANCHOR BLOCKS.
  - FOR LAYING DETAILS FOR BRANCHES.
  - DOG LEG CONSTRUCTION.
  - CATHODIC PROTECTION.
5. IN ADELAIDE CBD THIS PIPEWORK SHALL BE:
  - RESTRAINED JOINT RING DICL,
  - FLANGED DICL, OR
  - FLANGED MSCL.
6. ALL MSCL PIPEWORK SHALL BE PROTECTED WITH BITUMEN MASTIC TAPE SYSTEM IN ACCORDANCE WITH SA WATER SPECIFICATION TS 18.
7. ALL DIMENSION IN MILLIMETRES.

REVISION PANEL					DESIGN PANEL			SA WATER STANDARD DRAWINGS			A3	2
REV	DATE	DRN	DETAILS	APR	CURRENT REV 16/12/16	DESIGNED: 28/09/15	AUTHORISED: 31/03/16	WATER SUPPLY CONSTRUCTION MANUAL			SHT SIZE	REVISION
					AUTHORISED: T. GALEK	RJP	T. GALEK	FIRE SERVICES			TOTAL SHEETS: 1	
					SIGNATURE:	DRAWN: 16/11/15	SIGNATURE:	OFF EXISTING WATER MAIN			SUPERSEDES: 91-0068-02 (F2)	
2	26/10/16	RP	ANCHOR BLOCK RELOCATED. LID & NOTES CHANGED.			MS					DRAWING NUMBER	
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		REVIEWED: 21/03/16	ORIGINAL SIGNED				4005-30009-03	
											PREFIX	SHEET

  
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