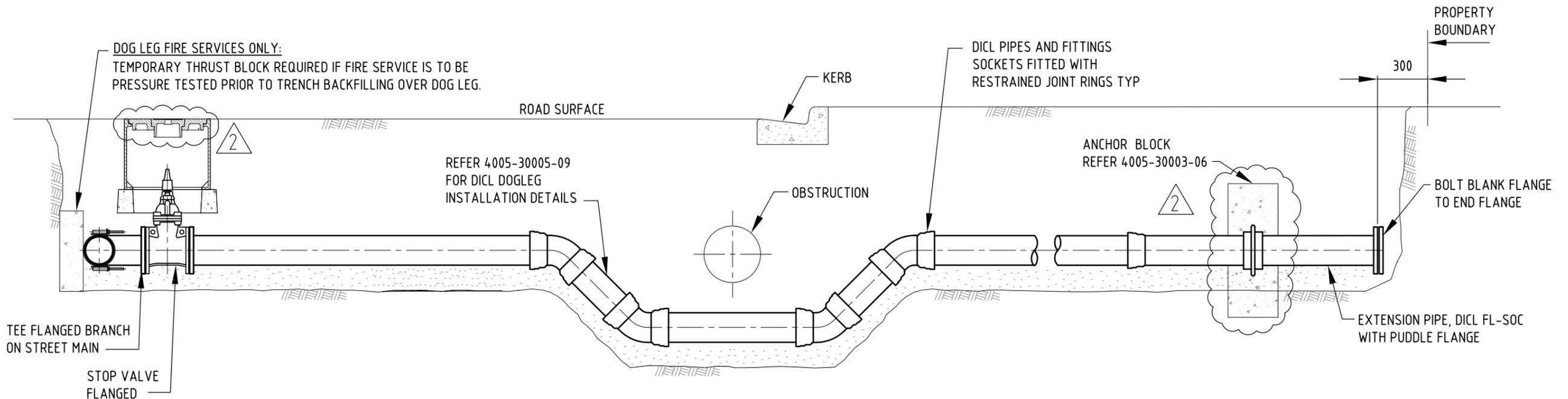


PLAN



ELEVATION

**FIRE SERVICE OFF EXISTING MAIN  
DN100, DN150 & DN200 MAINS USING DI/CL 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 DI/CL,
  - FLANGED DI/CL, 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				
REV	DATE	DRN	DETAILS	APR
2	26/10/16	RP	ANCHOR BLOCK RELOCATED. LID & NOTES CHANGED.	
1	31/03/16	MS	2016 STANDARDS REVIEW	TG

DESIGN PANEL			
DESIGNED:	28/09/15	AUTHORISED:	31/03/16
RJP		T.GALEK	
DRAWN:	16/11/15	SIGNATURE:	
MS			
REVIEWED:	21/03/16	ORIGINAL SIGNED	
TG			

  
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**SA WATER STANDARD DRAWINGS**  
**WATER SUPPLY CONSTRUCTION MANUAL**  
**FIRE SERVICES**  
**OFF EXISTING WATER MAIN**

A3	2
SHT SIZE	REVISION
TOTAL SHEETS: 1	
SUPERSEDES: 91-0068-02 (F2)	
DRAWING NUMBER	
4005-30009-03	
PREFIX	NUMBER SHEET