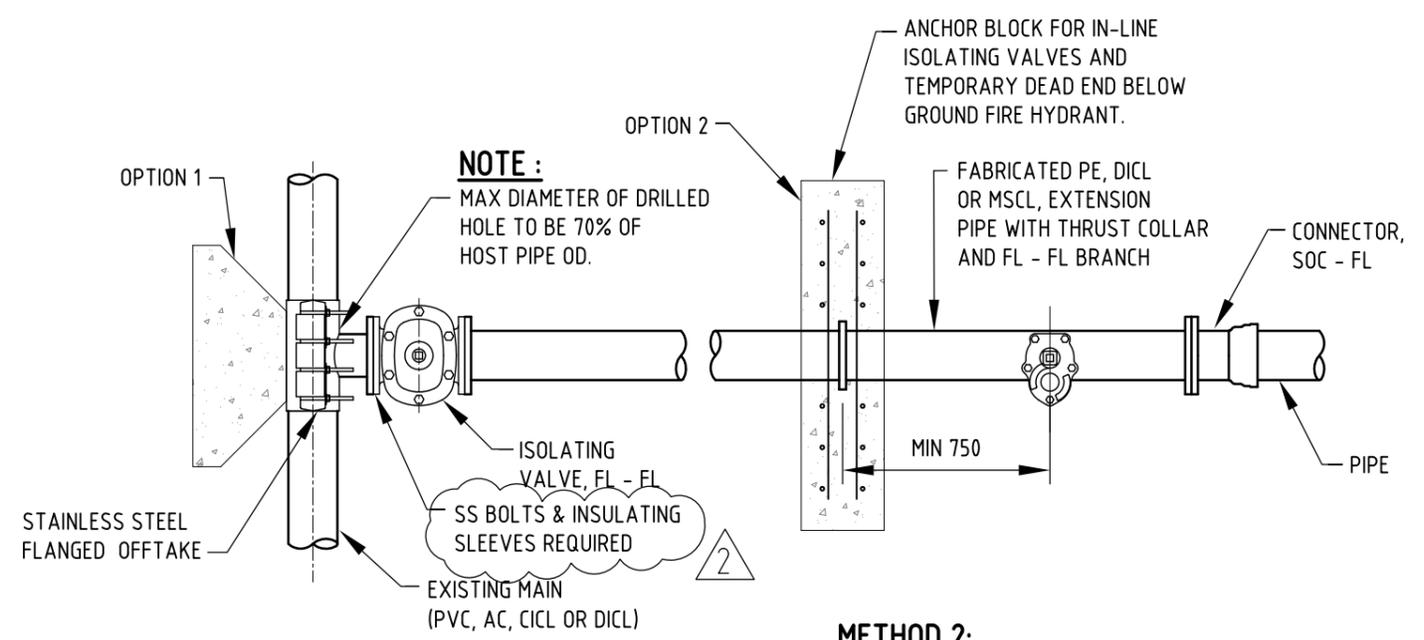


**METHOD 1:  
CUTOUT WITH MULTIFIT MECHANICAL COUPLINGS**

**NOTE:**  
THIS METHOD SHALL NOT BE USED WITHIN 1500 OF THE SOCKET END OF AN EXISTING DICL PIPE.

**TABLE 1**

PIPE	DIMENSION 'A'
PVC, AC OR CICL	1000
DICL	1500



**METHOD 2:  
UNDER PRESSURE TAPPING  
(USING STAINLESS STEEL FLANGED OFFTAKE)**

**NOTES:**

- REFER 4005-30002-01 AND 4005-30002-02 FOR GENERAL NOTES.
- IF EXISTING MAIN IS RESTRAINED JOINT DICL, **METHOD 1 SHALL NOT BE USED** FOR 'CUT-IN' INTO RESTRAINED JOINT MAINS. REFER 4005-30005-05.
- FOR METHOD 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 AUTHORISED PRODUCTS FOR WATER SYSTEMS FOR CONTRACTORS APPROVED TO PERFORM THIS WORK.**
- FOR METHOD 2, **LOCATION OF THRUST BLOCK SHALL BE EITHER OPTION 1 OR OPTION 2.**
- PRIOR TO CONFIRMATION OF THE CONNECTING METHOD THE CONTRACTOR SHALL CONFIRM:
  - THE EXISTING MAIN PIPE MATERIAL,
  - PROXIMITY OF EXISTING PIPE SOCKET,
  - AVAILABILITY OF COUPLINGS.
- IF BRANCH MAIN IS PVC OR NON RESTRAINED JOINT DICL, AN ANCHOR BLOCK (WITH EXTENSION PIPE AND THRUST COLLAR) IS REQUIRED.
- IF BRANCH MAIN IS RESTRAINED JOINT DICL, AND THE NEW MAIN IS RESTRAINED JOINT DICL, AN ANCHOR BLOCK MAY NOT BE REQUIRED, SUBJECT TO CONFIRMATION OF THE PROXIMITY OF THE NEAREST SOCKET. IF SOCKET LOCATION CANNOT BE CONFIRMED, A THRUST BLOCK SHALL BE CONSTRUCTED. **REFER 4005-30003-09 FOR RESTRAINED JOINT REQUIREMENTS IN LIEU OF THRUST/ ANCHOR BLOCKS.**
- TEE FOR FIRE HYDRANT MAY BE INCLUDED ON THE FABRICATED EXTENSION PIPE OR FURTHER ALONG THE MAIN.
- REFER 4005-30005-01 FOR SLEEVING OF DICL PIPE.
- REFER SECTION 3 FOR ANCHOR BLOCK INFORMATION.
- ALL DIMENSIONS IN MILLIMETRES.

REVISION PANEL				DESIGN PANEL				<p>SA Water</p> <p>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.</p>	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	NEW BRANCH OFF EXISTING MAIN		TOTAL SHEETS:		
					SIGNATURE:	DRAWN: 16/11/15	SIGNATURE:	CUT OUT WITH MECHANICAL COUPLINGS		SUPERSEDES: 91-0059-02 (C7)		
2	21/11/16	RJP	SS BOLTS & INSULATION ADDED FOR METHOD 2			MS	ORIGINAL SIGNED	OR UNDER PRESSURE TAPPING		DRAWING NUMBER		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		REVIEWED: 21/03/16		4005-30005-06		PREFIX NUMBER SHEET		