



WORK BY CONSTRUCTOR

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1. Construct the reticulation water mains as shown.
2. Provide the hookup of  $A'$  (Branch off existing main – Stainless steel flanged offtake clamp) (refer WSCM c7).
  - Expose the live main;
  - Engage an authorized contractor to perform the under pressure tapping and stop valve installation;
  - Place an appropriate thrust block behind the stainless steel offtake clamp;
  - Lay away from the stop valve in the approved method.

3. Provide the link to at B<sup>1</sup> (Extension of main off a temporary tripping and)
- Excavate and expose the end of the existing main;
- Lay away from the existing socket and in the approved method;
- When the hydraulic testing is complete advise the Superintendent's Representative who will arrange for the shut-off of the main;
- Remove tripping (if required);
- Remove the bat from the tripping fitting and tighten the flanged joint;
- Advise the Superintendent's Representative that the main is ready to be changed up.

4. Provide the link-up at 'C' (Extension of main off a freeling and inact):
  - Expend to the top of the existing main to check alignment and depth leaving the existing thrust block intact;
  - Lay back to the existing main from the new end;
  - When ready to proceed with the link-up advise the Superintendent's Representative who will arrange for the shut-off of the main;
  - Complete excavation of the existing main;
  - Remove the anchor block and whole freeling installation;
  - Replace the old freeling with a new freeling if specified;
  - Link the new main to the existing main in the approved method;
  - Advise the Superintendent's Representative that the main is ready to be changed up.

## CONNECTIONS

- All connections shall be laid similar to WSCM Section E unless noted otherwise.
- Connections to lots to be 25mm PE with 20mm boundary cock similar to WSCM E2 unless noted otherwise.

*Unless approved otherwise by the Superintendent's Representative, water connections shall be laid at right angles to the main.*

*The position of the water connection shall be as per the WSCM unless otherwise directed by the consultant.*

The Contractor shall construct the water connections from the water main up to and including the boundary cock as shown on Standard Drawings (see Section E and Section H Drawings).

NOTES

*The Constructor shall give the Superintendent's Representative a minimum of 5 working days' notice of intent to carry out any link-up.*

*The Superintendent's Representative will arrange for the shutting down and charging up of mains as necessary for the link-up process.*

*The Constructor shall not open or close any valves on existing mains unless otherwise directed by the Superintendent's Representative.*

*The preferred minimum spacing between tapping saddles on PVC pipes shall be 1200mm. Ready tap fittings may be piggy backed.*

*Any fittings removed from the system shall remain the property of SA Water and shall be returned to the nearest South Australian Water Corporation depot.*

Once the main has been tested to the satisfaction of the Superintendent's Representative (see Clause 4.12) and the link-up completed, the contractor shall reinstate the excavation in accordance with WSCM Section B.

EXISTING SERVICES

- Constructor shall verify location and depth of the link-up point to the existing water main at "A" prior to commencing construction work and notify Engineer of any discrepancies.
- Prior to commencing ANY construction works, the Constructor shall locate and depth all other existing underground services in the vicinity of works. Any discrepancies of depth or location from that indicated on these drawings shall be reported to the Consulting Engineer.
- It shall be noted that there may be other existing underground services in the vicinity of works other than those shown on these drawings.
- It shall be the Constructor's responsibility to determine if other underground services are present and how all services located and depthed prior to commencing works



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CONSTRUCTION DRAWING RECEIVED

DATE :	
CONTRACT N°:	423160

CONFIDENTIAL NO. :	12/01/07
REF ISSUED DATE :	

FOR FURTHER INFORMATION VIDE

UNITED DISTRICT A / / : /

WALKER DISTRICT : AUEQUIDE	4 4 4 4
COUNTY :	

COONCIL :	AUEIUIUUE
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U.P. :	L.O. :
	120/U345/69

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REFERENCE : 6612-34-H3  
G.G.Date :

SHEET SIZE	SA WATER DOCKET NUMBER	REVISION
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SHEET 1 OF 5

DRAWING NUMBER  
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1069-3001-3

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