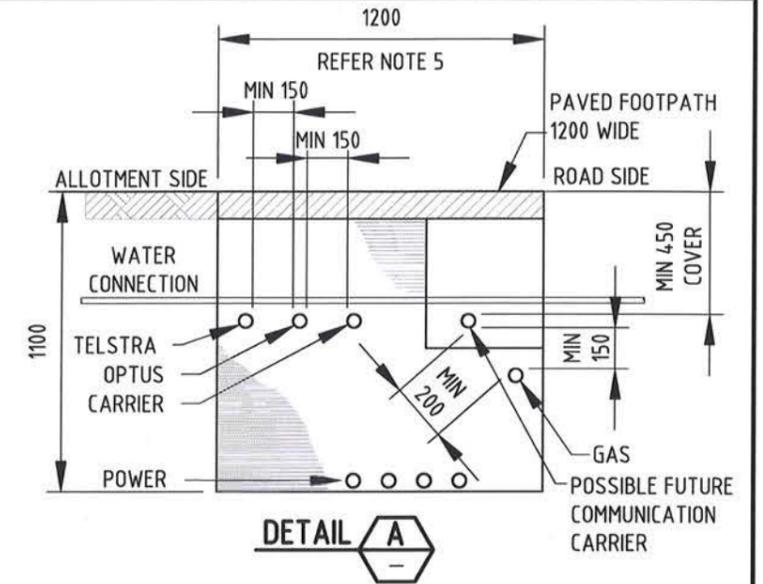
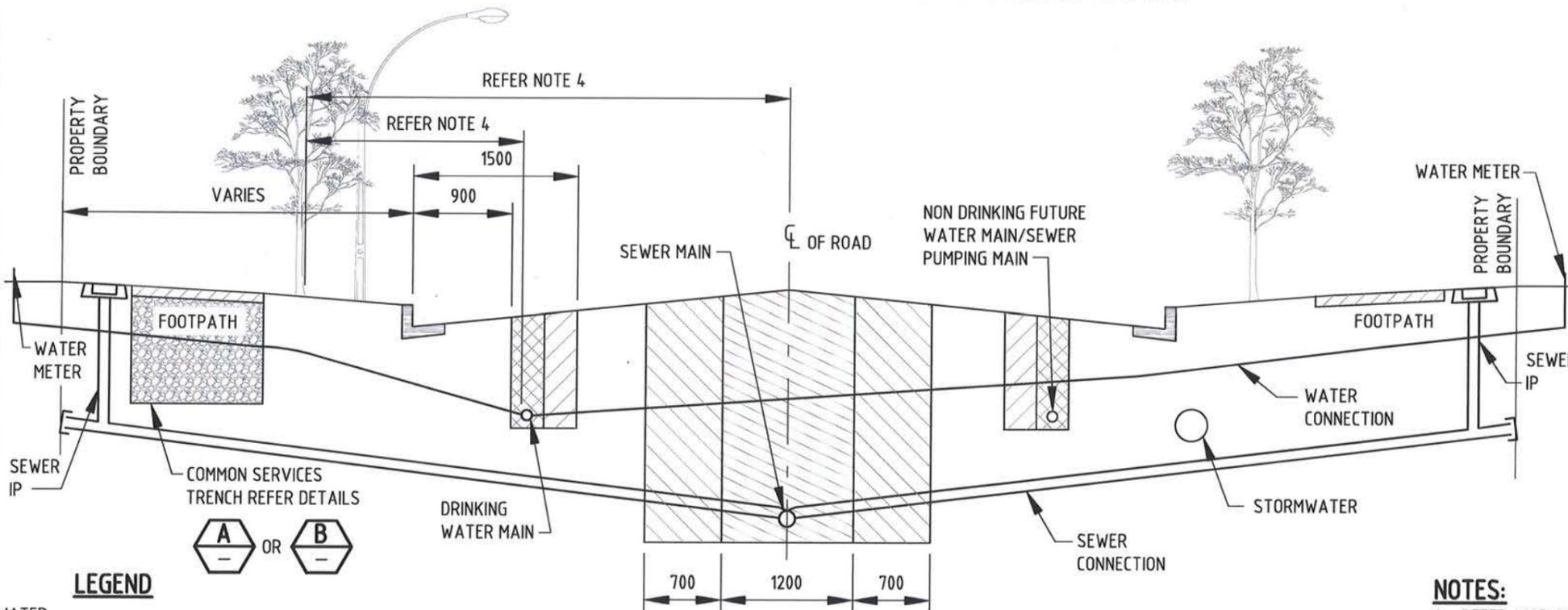


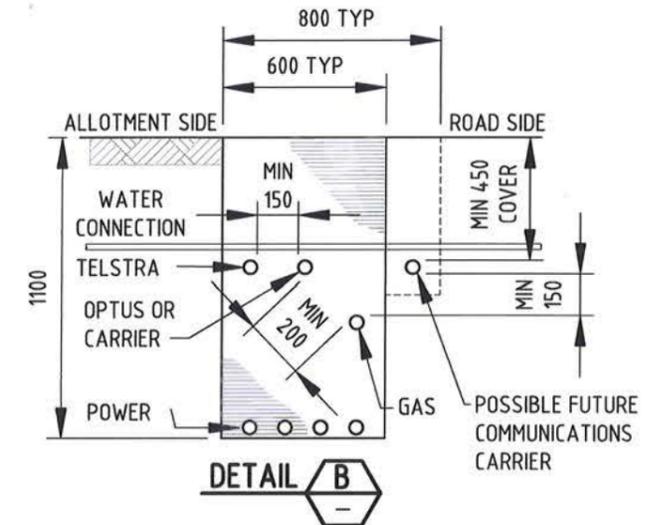
**NARROW ROAD WITH SINGLE FOOTPATH**



**TYPICAL COMMON SERVICE TRENCH BENEATH FOOTPATH**



**CONVENTIONAL ROAD WITH DOUBLE FOOTPATH**



**ALTERNATIVE COMMON SERVICE TRENCH TRENCH BESIDE FOOTPATH**

**LEGEND**

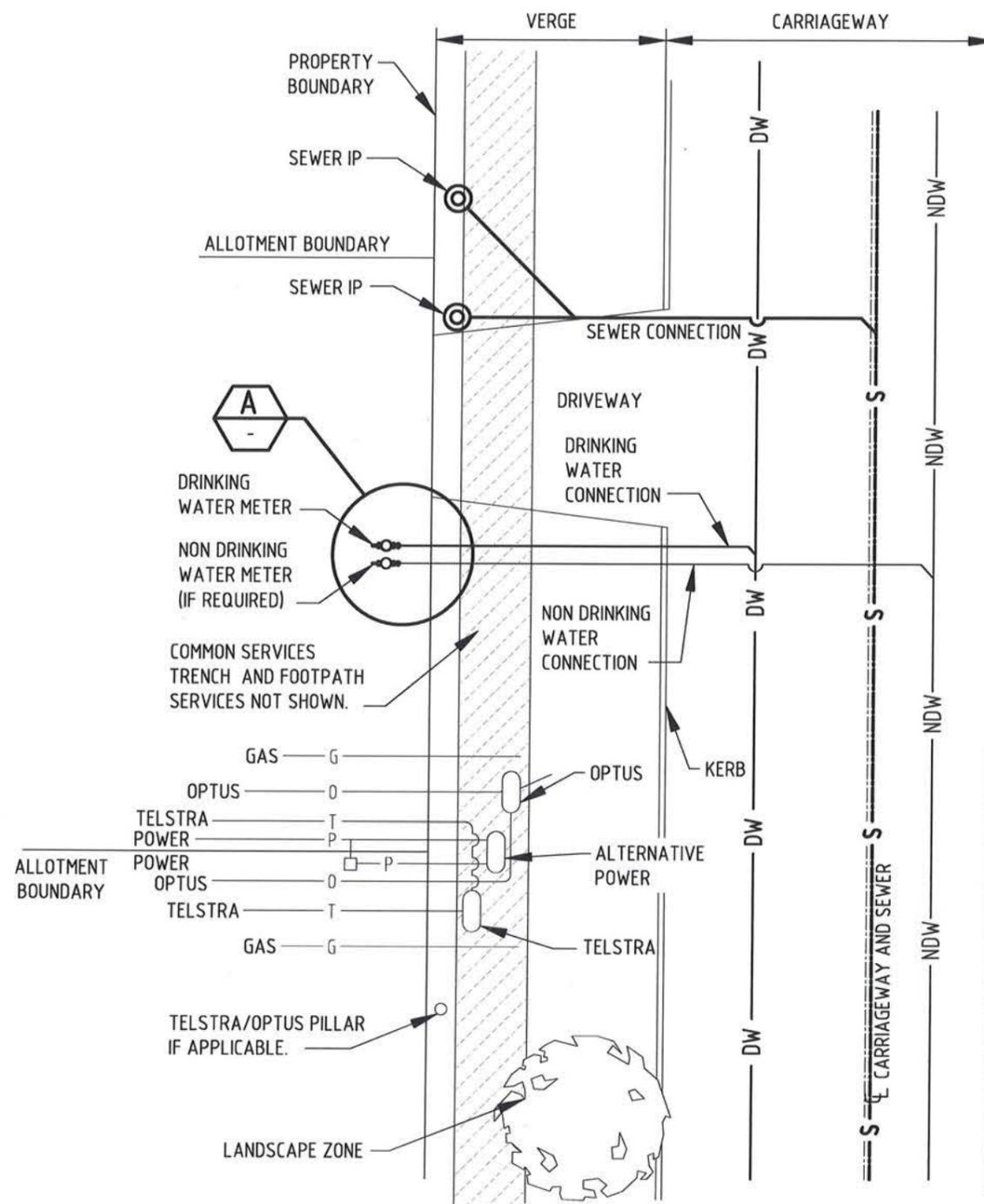
- BAND WIDTH FOR WATER MAINS
- ADDITIONAL BAND WIDTH FOR WATER MAINS IN WIDER CARRIAGEWAYS (7.0M AND GREATER) TO INCREASE CLEARANCE FROM KERB FACE
- BAND WIDTH FOR SEWER MAINS
- ADDITIONAL BAND WIDTH FOR SEWER MAINS IN WIDER CARRIAGEWAYS (ACCESS CHAMBERS MAY EXTEND INTO THIS BAND)

**NOTES:**

1. REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.
2. THIS DRAWING SHOULD BE CONSIDERED TOGETHER WITH THE 'SERVICES IN STREET CODE'.
3. THE OPTION OF LOCATING THE NON DRINKING WATER PIPE ON THE SAME SIDE OF THE ROAD AS THE DRINKING WATER PIPE IS ONLY PERMITTED WHERE THE NON DRINKING WATER PIPE IS AN SA WATER ASSET.
4. OPTIMUM TREE SEPARATION:  
SEWER - 3500 (FOR SCHEDULE 2 TREES)  
WATER - 1000
5. COMMON SERVICES TRENCH WIDTH VARIABLE. REFER DESIGN DRAWINGS FOR DETAIL.
6. ALL DIMENSIONS IN MILLIMETRES.

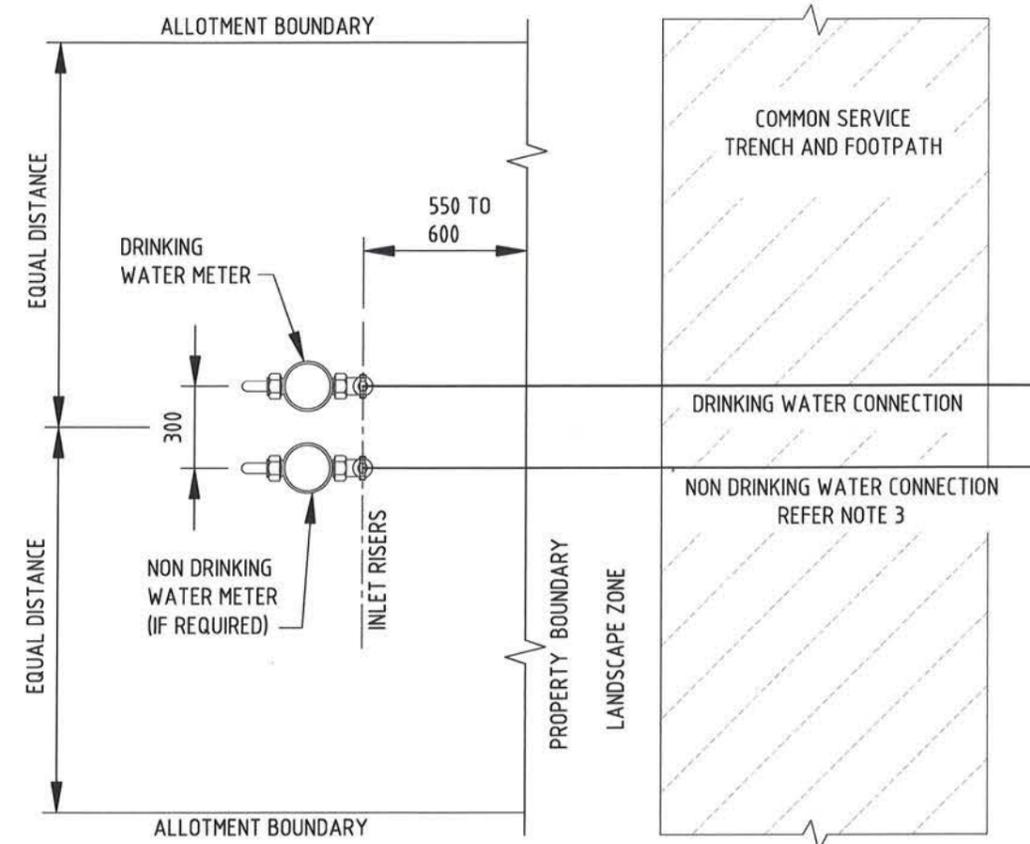
REVISION PANEL					DESIGN PANEL		SA Water		SA WATER STANDARD DRAWINGS		A3		1	
REV	DATE	DRN	DETAILS	APR	CURRENT REV AUTHORISED:	DESIGNED: 28/09/2015	AUTHORISED: 31/03/16	WATER SUPPLY CONSTRUCTION MANUAL		SHT SIZE		REVISION		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG	SIGNATURE:	RJP	T.GALEK	ALLOCATION OF SPACE FOR SERVICES IN		TOTAL SHEETS:		SUPERSEDES: 91-0084-01 (D1)		
								NEW LAND DIVISIONS		DRAWING NUMBER		4005-30004-01		
								TYPICAL LAYOUT		PREFIX		NUMBER SHEET		

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.



CONNECTION LAYOUT FOR ALLOTMENTS > 8m WIDE

NOT TO SCALE



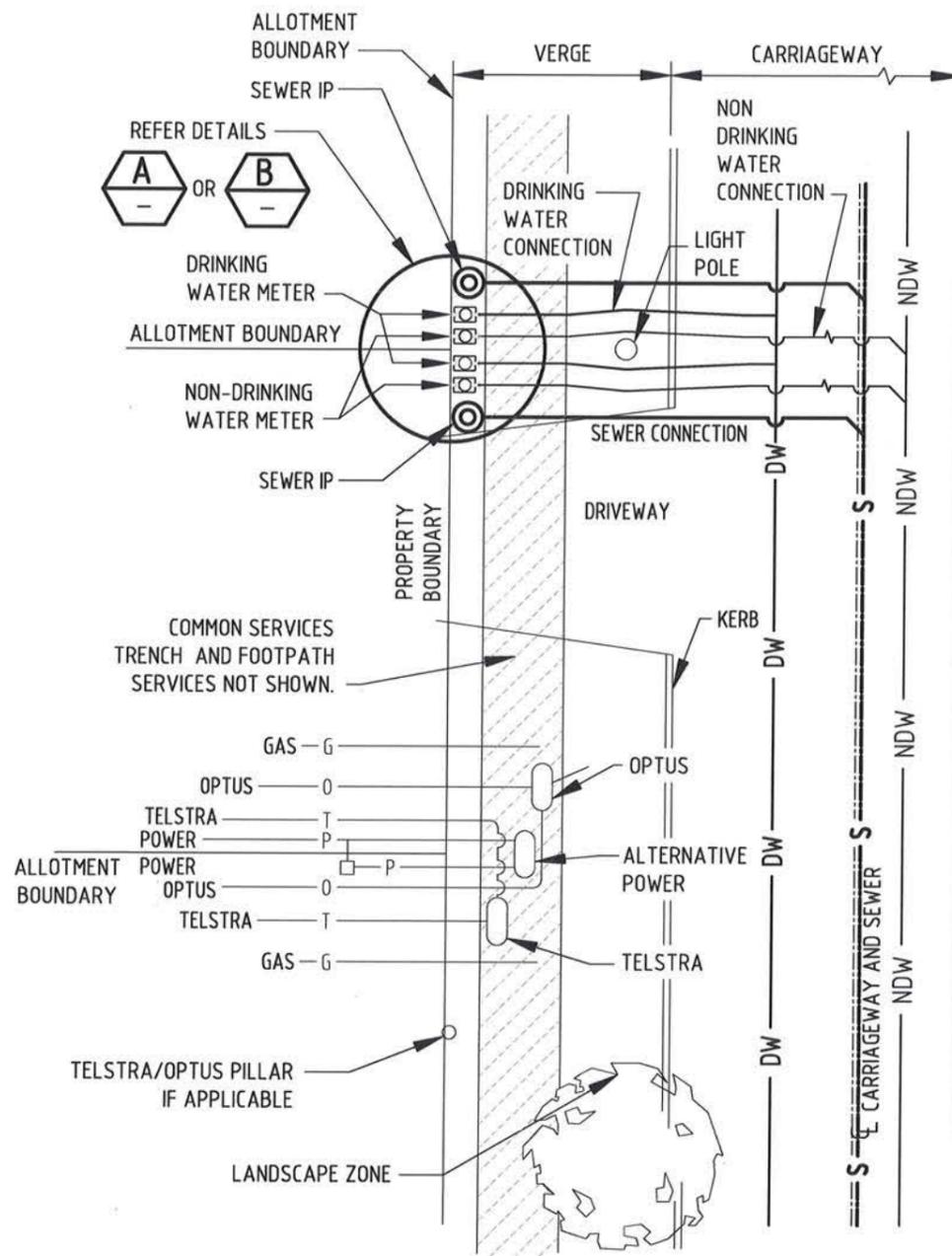
DETAIL A  
WATER CONNECTIONS

**NOTES:**

- REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.
- LOCATION OF CONNECTIONS:  
WATER CONNECTIONS - DRINKING WATER AND NON DRINKING WATER:
  - STANDARD 'DEFAULT' POSITIONS ARE AS SHOWN.
  - ALTERNATIVE POSITIONS MAY BE SPECIFIED ON THE DESIGN DRAWING. APPROVAL OF THE SA WATER REPRESENTATIVE IS REQUIRED FOR THIS OPTION.
- NON DRINKING WATER PIPE & METER CONNECTION SHALL BE POSITIONED TO THE LEFT OF DRINKING WATER CONNECTION WHEN VIEWED FROM ROADWAY.
- FOR DUAL RETICULATION SYSTEMS (DRINKING WATER & NON DRINKING WATER) THE LOCATIONS AND CLEARANCES SHOWN ON THIS DRAWING SHALL BE ADHERED TO REGARDLESS OF WHETHER THE NON DRINKING WATER SYSTEM SCHEME IS SA WATER OR PRIVATELY OPERATED.
- SEWER CONNECTIONS:
  - FOR STANDARD POSITIONS REFER SEWER CONSTRUCTION MANUAL, SECTION 6.
  - OBSTRUCTIONS OR EXISTING DRAINS MAY REQUIRE AN ALTERNATIVE LOCATION.
  - SINGLE CONNECTIONS SHALL BE USED. SHOULD THE DESIGNER CONSIDER THE USE OF A 'Y' CONNECTION TO SERVE ADJOINING ALLOTMENTS, DETAILS FOR THIS OPTION SHALL BE PROVIDED TO SA WATER REPRESENTATIVE FOR APPROVAL.
  - SINGLE CONNECTIONS SHALL BE ON LOW SIDE OF ALLOTMENT UNLESS IT IS IMPRACTICAL.
- ALL DIMENSIONS IN MILLIMETRES.

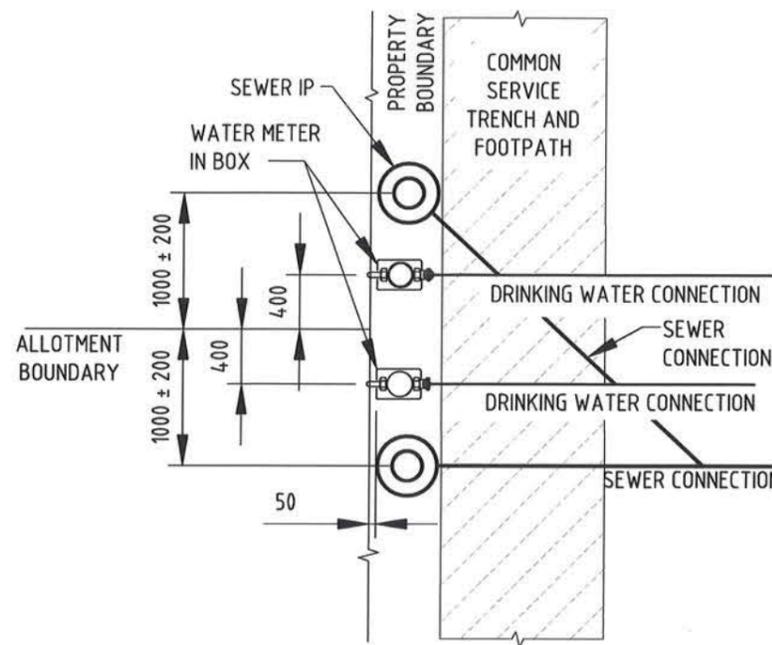
REVISION PANEL					DESIGN PANEL		SA Water		SA WATER STANDARD DRAWINGS		A3		1
REV	DATE	DRN	DETAILS	APR	CURRENT REV AUTHORISED:	DESIGNED: 28/09/15	AUTHORISED: 31/03/16	WATER SUPPLY CONSTRUCTION MANUAL		SHT SIZE		REVISION	
					SIGNATURE:	RJP	T.GALEK	ALLOCATION OF SPACE FOR SERVICES IN LAND DIVISIONS		TOTAL SHEETS:			
						DRAWN: 16/11/15	SIGNATURE:	ALLOTMENT FRONTAGE GREATER THAN 8 m		SUPERSEDES: D2, D3			
						MS	T. Galek			DRAWING NUMBER			
						REVIEWED: 21/03/16	TG			4005-30004-02			
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		TG				PREFIX NUMBER SHEET			

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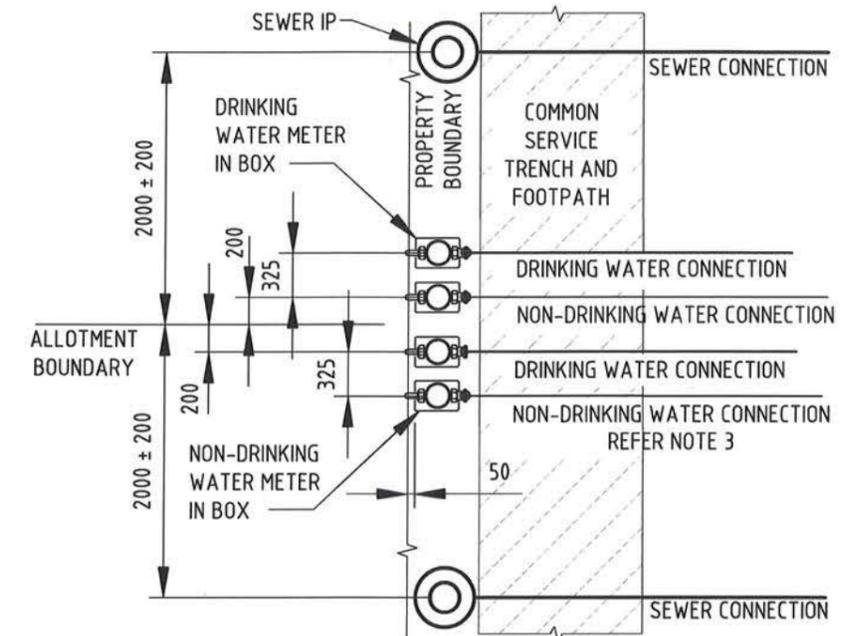
CONNECTION LAYOUT FOR ALLOTMENTS < 8m WIDE

NOT TO SCALE



DETAIL A

SINGLE WATER CONNECTION LAYOUT FOR ALLOTMENTS < 8m WIDE



DETAIL B ALTERNATIVE

DUAL WATER CONNECTION LAYOUT FOR ALLOTMENTS < 8m WIDE

NOTES:

- REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.
- LOCATION OF CONNECTIONS:  
WATER CONNECTIONS - DRINKING WATER AND NON DRINKING WATER:
  - STANDARD 'DEFAULT' POSITIONS ARE AS SHOWN.
  - ALTERNATIVE POSITIONS MAY BE SPECIFIED ON THE DESIGN DRAWING. APPROVAL OF THE SA WATER REPRESENTATIVE IS REQUIRED FOR THIS OPTION.
- NON DRINKING WATER PIPE & METER CONNECTION SHALL BE POSITIONED TO THE LEFT OF DRINKING WATER CONNECTION WHEN VIEWED FROM ROADWAY.
- FOR DUAL RETICULATION SYSTEMS (DRINKING WATER & NON DRINKING WATER) THE LOCATIONS AND CLEARANCES SHOWN ON THIS DRAWING SHALL BE ADHERED TO REGARDLESS OF WHETHER THE NON DRINKING WATER SYSTEM SCHEME IS SA WATER OR PRIVATELY OPERATED.
- WATER METERS ARE SHOWN IN A SA WATER APPROVED METER BOX.  
**HOWEVER, THE ABOVE GROUND METER LOCATION IS THE PREFERRED ALTERNATIVE. REFER 4005-30004-02 FOR DETAILS.**
- SEWER CONNECTIONS:
  - FOR STANDARD POSITIONS REFER SEWER CONSTRUCTION MANUAL, SECTION 6.
  - OBSTRUCTIONS OR EXISTING DRAINS MAY REQUIRE AN ALTERNATIVE LOCATION.
  - SINGLE CONNECTIONS SHALL BE USED. SHOULD THE DESIGNER CONSIDER THE USE OF A 'Y' CONNECTION TO SERVE ADJOINING ALLOTMENTS, DETAILS FOR THIS OPTION SHALL BE PROVIDED TO SA WATER REPRESENTATIVE FOR APPROVAL.
  - SINGLE CONNECTIONS SHALL BE ON LOW SIDE OF ALLOTMENT UNLESS IT IS IMPRACTICAL.
- ALL DIMENSIONS IN MILLIMETRES.

REVISION PANEL					DESIGN PANEL			SA WATER STANDARD DRAWINGS		A3	1
REV	DATE	DRN	DETAILS	APR	CURRENT REV AUTHORIZED:	DESIGNED:		AUTHORISED:	WATER SUPPLY CONSTRUCTION MANUAL		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		DESIGNED: 28/09/15 RJP	AUTHORISED: 31/03/16 T.GALEK	ALLOCATION OF SPACE		TOTAL SHEETS:	
						DRAWN: 16/11/15 MS	SIGNATURE: <i>T. Galek</i>	FOR SERVICES IN LAND DIVISIONS		SUPERSEDES: D4, D5	
						REVIEWED: 21/03/16 TG		ALLOTMENT FRONTAGE LESS THAN 8m		DRAWING NUMBER	
										4005-30004-03	
										PREFIX	SHEET