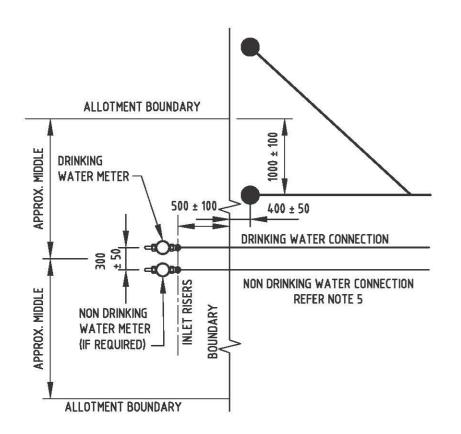


### SINGLE WATER CONNECTION

#### **DUAL WATER CONNECTIONS**

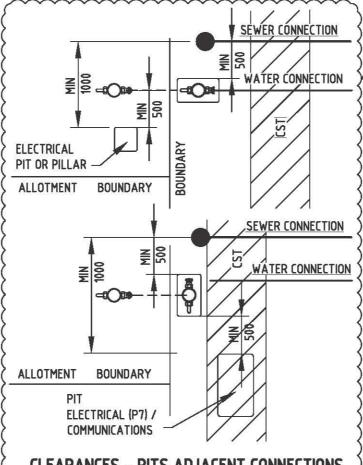
#### STANDARD CONNECTIONS LAYOUT FOR ALLOTMENTS < 8 m WIDE

NO PIT OR PILLAR ADJACENT SIDE BOUNDARY

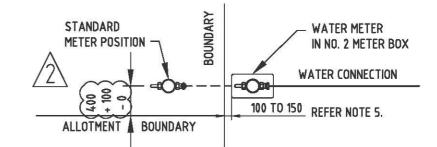


#### STANDARD CONNECTIONS LAYOUT FOR ALLOTMENTS > 8m WIDE (

NOTE: A SINGLE WATER CONNECTION SHALL BE N THE APPROXIMATE MIDDLE POSITION



# CLEARANCES - PITS ADJACENT CONNECTIONS (RESULTING IN NON-STANDARD POSITIONS)



## POSITION OF NO. 2 METER BOX {WHEN APPROVED}

## NOTES:

- REFER 4005-30002-01 TO 4005-30002-04 FOR GENERAL NOTES AND DESIGN CONSIDERATIONS.
- 2. REFER 4005-30004-01 TO 4005-30004-04 FOR DETAILS OF THE STANDARD 'DEFAULT' SA WATER MAIN AND CONNECTION POSITIONS INCLUDING DIMENSIONS FROM BOUNDARIES.
- REFER WSCM SECTION 6 AND SCM SECTION 6 FOR GENERAL CONNECTIONS REQUIREMENTS.
- 4. REFER THE DESIGN DRAWINGS FOR DESIGNED LOCATIONS OF THE CONNECTIONS.
- WHERE THE NO. 2 METER BOX IS PROPOSED AS AN ALTERNATIVE TO THE ABOVE GROUND METER POSITION, SPECIFIC APPROVAL IS REQUIRED. THE CONSULTANT IS REQUIRED TO PROVIDE APPROPRIATE DETAIL ON THE DESIGN DRAWINGS TO ENABLE SA WATER TO ASSESS THE JUSTIFICATION OF THIS OPTION.
- NON DRINKING WATER CONNECTION & METER SHALL BE POSITIONED TO THE LEFT OF DRINKING WATER CONNECTION WHEN VIEWED FROM ROADWAY.
- 7. 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.
- 8. WHERE POSITIONAL TOLERANCES (+/-) ARE SHOWN, THE TOLERANCE ALLOWS FOR CONSTRUCTION DIFFICULTIES ASSOCIATED WITH THE FINISHED POSITION OF THE CONNECTION OR METER. THE TOLERANCE SHALL NOT BE UTILISED BY THE DESIGNER.
- 9. A TOLERANCE OF 0 SHALL DESIGNATE THE PIPE OR METER SHALL NOT BE CLOSER TO THE BOUNDARY THAN THE SPECIFIED OFFSET.
- 10. WHERE A PIT OR PILLAR IS REQUIRED ADJACENT THE SIDE BOUNDARY, CLEARANCE TO THE SA WATER CONNECTIONS SHALL BE IN ACCORDANCE WITH THIS DRAWING.
- 11. PIT CLEARANCES SHALL GENERALLY BE WATER 500; SEWER 1000. WHERE THERE IS BOTH WATER AND
- SEWER TOGETHER, 500 CLEARANCE FROM THE NO 2 BOX SHALL BE THE OVERRIDING MEASUREMENT.

  12. A PIT, PILLAR OR ELECTRICAL CONDUIT SHALL NOT BE DESIGNED WITHIN THE LIMITS OF A 'Y' SEWER
- CONNECTION. IN SUCH AN INSTANCE SINGLE CONNECTIONS SHALL BE REQUIRED.

  13. SHOULD THE WATER DESIGN DEFCEDE THE ELECTRICAL DESIGN AND A DESIGNED DIT OF PILL AD IMPA
- 13. SHOULD THE WATER DESIGN PRECEDE THE ELECTRICAL DESIGN, AND A DESIGNED PIT OR PILLAR IMPACT A CONSTRUCTED WATER CONNECTION, A NEW WATER CONNECTION SHALL BE CONSTRUCTED. THE RELOCATION SHALL COMPLY WITH THE CLEARANCES SHOWN HEREIN AND SHALL INCLUDE A NEW TAPPING OFF THE WATER MAIN. REQUIREMENTS SHALL BE:
  - A NEW TAPPING SADDLE BEING INSTALLED ON THE NEW WATER MAIN WITH THE MINIMUM SPACING BETWEEN FITTINGS BEING COMPLIANT WITH 4005–30006–01.
  - THE OFFTAKE ON THE DISUSED PRETAPPED CONNECTOR OR TAPPING SADDLE SHALL BE PLUGGED.
  - THE AS CONSTRUCTED DRAWING SHALL BE UPDATED TO DESIGNATE THE RELOCATED OFFTAKE CHAINAGE.
- 14. WHERE THE CST IS IN CLOSE PROXIMITY OF THE FRONT BOUNDARY, THE NO 2 METER BOX SHALL BE ROTATED 90°.
- 15. WHERE THERE IS DUAL RETICULATION SYSTEMS (AND TWO BOXES), THE DESIGNER SHALL TAKE INTO CONSIDERATION ADDITIONAL SPACE REQUIRED TO ACCOMMODATE THE BOXES IN THE DIFFERENT ORIENTATION.
- ( 16. ALL DIMENSIONS IN MILLIMETRES.
- 17. ALL ILLUSTRATIONS NOT TO SCALE.

REVISION PANEL						DESIGN PANEL			
REV	DATE	DRN	DETAILS	APR	CURRENT REV 13/08/18	DESIGNED:	28/09/15	AUTHORISED: 31/0	3/1
					AUTHORISED:	RJP		T.GALEK	
						DRAWN:	16/11/15	SIGNATURE:	
3	09/07/18	RP	NOTES 9 - 14 & PITS CLEARANCES ADDED.	MA	SIGNATURE:	MS			
2	22/09/17	RP	LAYOUTS COMBINED TO SAME DRAWING	TG	M -1A+ .,	REVIEWED:	21/03/16	ORIGINAL SIGNED	)
1	31/03/16	MS	2016 STANDARDS REVIEW	TG	111-11-19	TG			



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SA WATER STANDARD DRAWINGS
WATER SUPPLY CONSTRUCTION MANUAL
ALLOCATION OF SPACE FOR
SERVICES IN LAND DIVISIONS
STANDARD CONNECTION LAYOUT SHEET 2

A 3
SHT SIZE

TOTAL SHEETS: 4
SUPERSEDES:

DRAWING NUMBER

