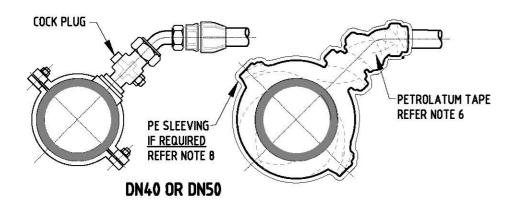
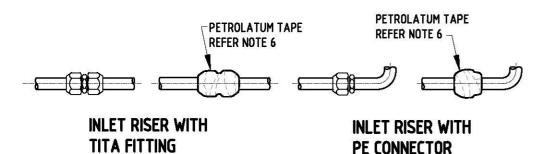
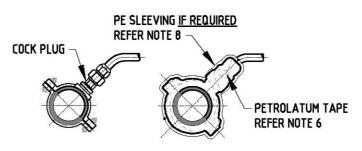


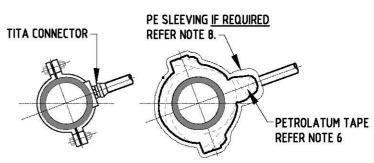
MSCL WELDED BOSS WITH COCK PLUG







COCK PLUG INSTALLATION TAPPING SADDLES



TITA CONNECTOR INSTALLATION

NOTES:

- 1. REFER 4005-30002-01 AND 4005-30002-02 FOR GENERAL NOTES.
- 2. ALL BRASS & GUNMETAL FITTINGS SHALL BE PROTECTED IN ACCORDANCE WITH TS 18.
- 3. FBE & STAINLESS STEEL FITTINGS DO NOT REQUIRE PROTECTIVE WRAPPING UNLESS DAMAGED. REFER NOTE 5 FOR CLARIFICATION OF DAMAGE.
- THE CONTRACTOR SHALL INSPECT ALL FBE & STAINLESS STEEL FITTINGS PRIOR THE INSTALLATION.
- 5. IF DAMAGE IS DETECTED PROCEED USING THESE GUIDELINES:
 - EXTERNAL DAMAGE <25 x 25 mm WRAP THE ITEM IN ACCORDANCE WITH TS 18 AND THIS DRAWING.
 - INTERNAL OR EXTERNAL DAMAGE > 25 x 25 mm REPLACE THE ITEM.
- 6. THE PROCEDURE FOR WRAPPING ALL METALLIC TAPPING SADDLES AND ALL BRASS FITTINGS SHALL BE:
 - COAT WITH PETROLATUM PRIMER,
 - WRAP WITH 50 mm WIDE PETROLATUM TAPE,
 - IN ACCORDANCE WITH TS 18.
- 7. POLYETHYLENE SLEEVING AROUND THE PETROLATUM TAPE IS NOT REQUIRED IF PIPE IS PVC, AC OR CICL.
- 8. WHERE THE PIPE IS DICL, THE CONTINUITY OF THE POLYETHYLENE SLEEVING SHALL BE MAINTAINED BY:
 - CUTTING A PIECE OF POLYETHYLENE SLEEVING SUFFICIENTLY LONG AND WIDE TO PROVIDE MIN 150 OVERLAP (AT EACH END) TO THE SLEEVE PROTECTING THE PIPE.
 - APPLYING THE PETROLATUM TAPE SYSTEM AROUND THE SADDLE OR PRETAPPED CONNECTOR TAPPING AND FITTING.
- FIT THE PREPARED PIECE OF SLEEVE AROUND THE PIPE AND FITTING AND SECURE BOTH ENDS TO THE PIPE SLEEVE WITH ADHESIVE TAPE.
- 9. WHERE THE PIPE IS MSCL:
 - PRIOR TO WELDING, REMOVE THE PIPE COATING AROUND THE AREA WHERE BOSS IS TO BE LOCATED,
 - CLEAN THE PIPE COATING FOR THE FULL CIRCUMFERENCE 100 mm WIDE EACH SIDE OF THE BOSS,
 - FOLLOWING WELDING, COAT PIPE, BOSS AND BRASS FITTINGS WITH PETROLATUM PRIMER AND FILL GAPS WITH MASTIC,
 - WRAP PIPE, BOSS, COCK PLUG AND BRASS FITTINGS WITH 50 mm WIDE PETROLATUM TAPE,
 - APPLY OVERWRAP TAPE OVER THE PIPE AND FITTINGS.
- 10. PETROLATUM PRODUCTS AND METHODS FOR APPLICATION OF THE TAPE SYSTEM SHALL BE IN ACCORDANCE WITH TS 1

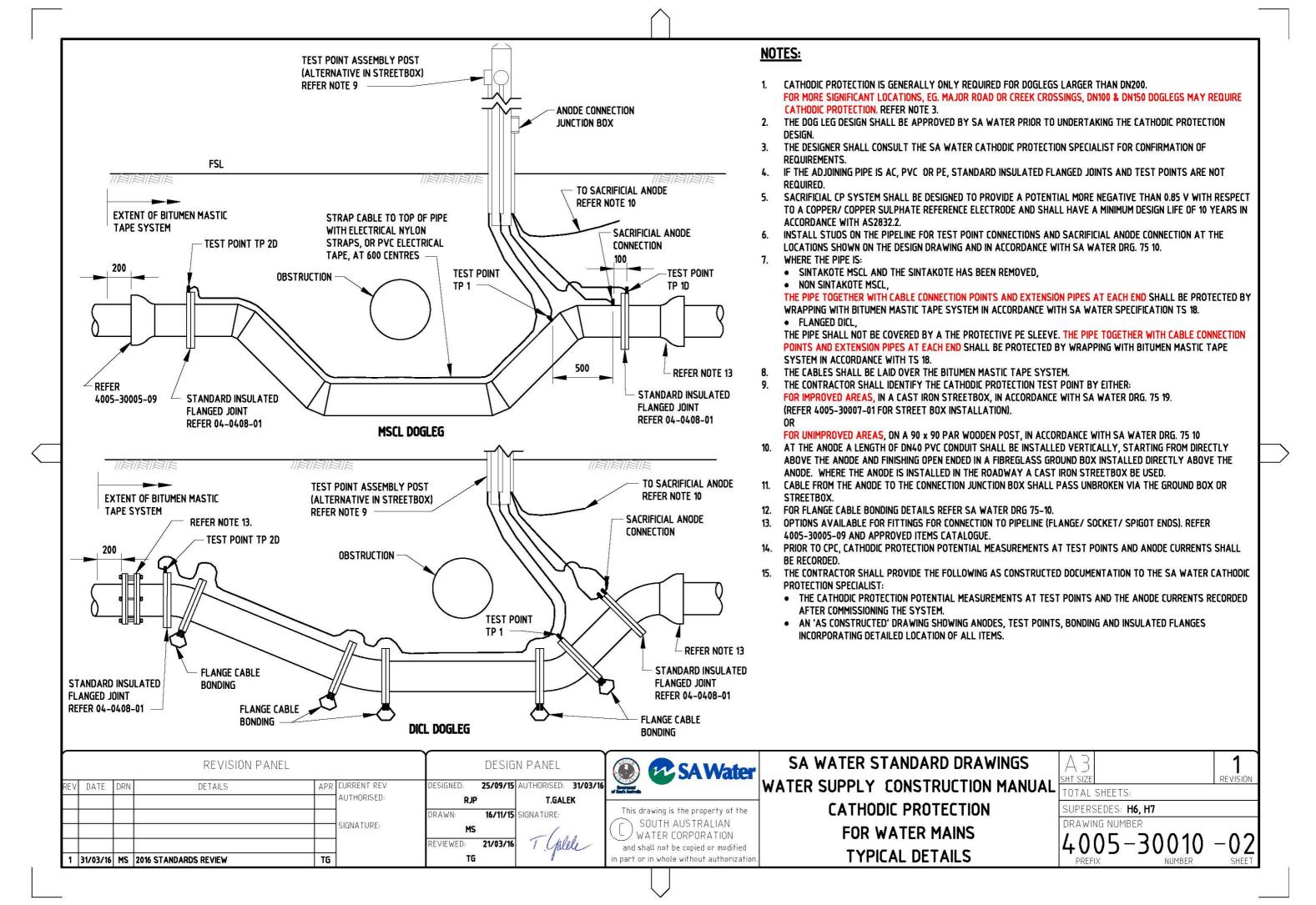
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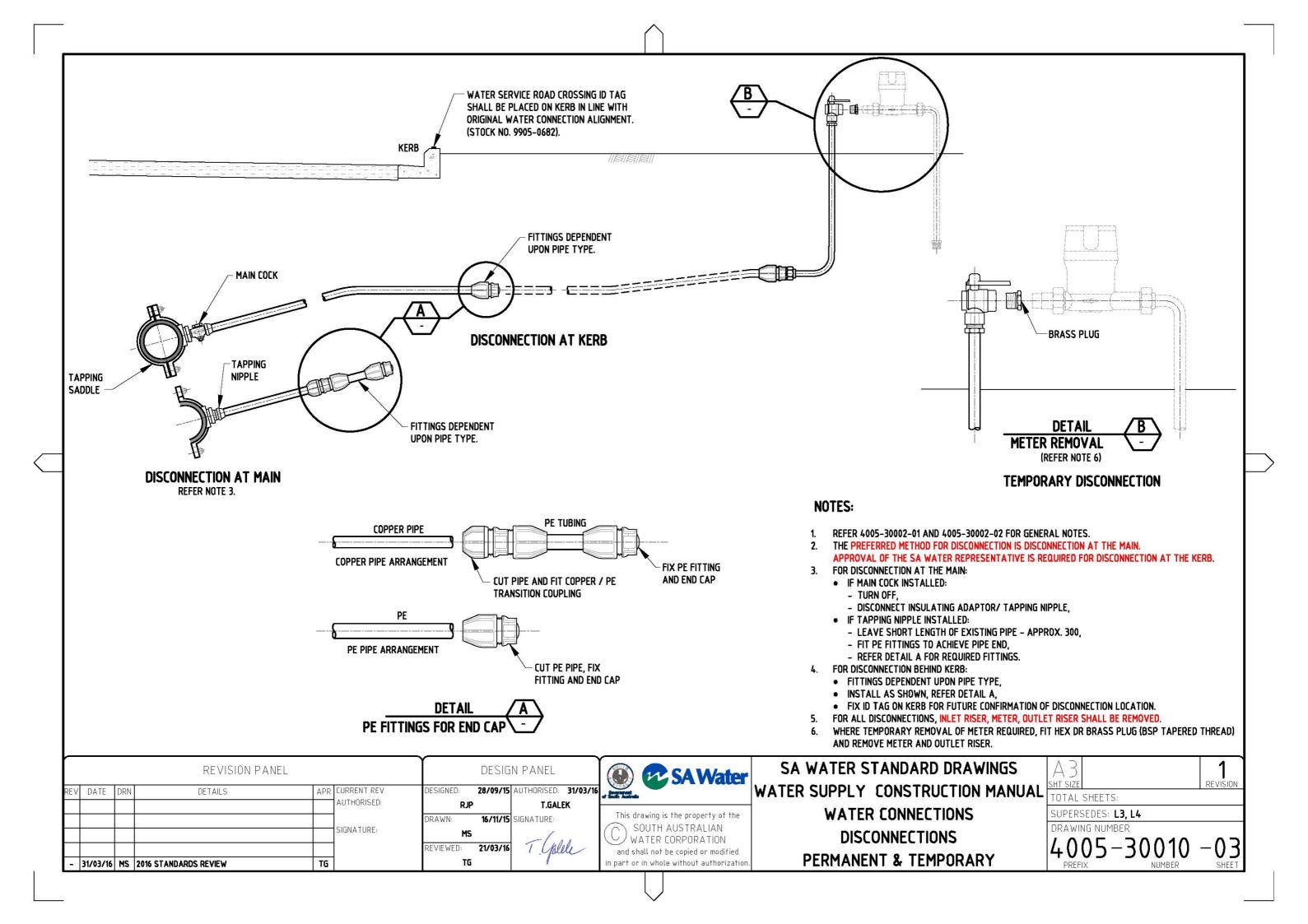


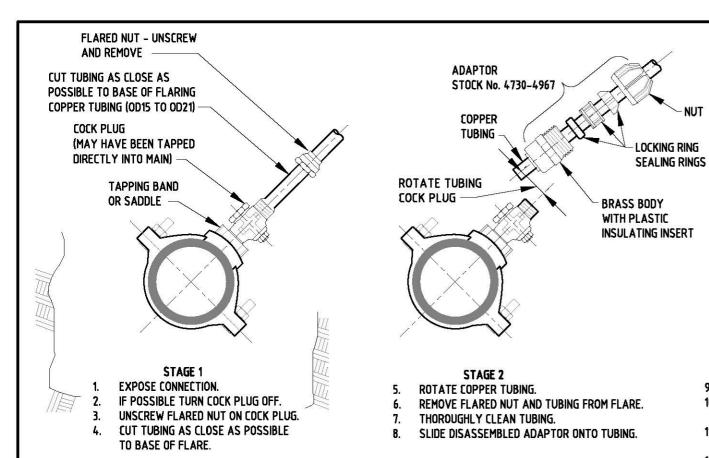
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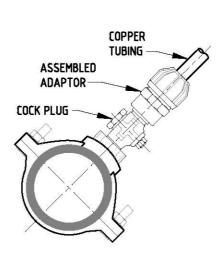
SA WATER STANDARD DRAWINGS
WATER SUPPLY CONSTRUCTION MANUAL
CORROSION PROTECTION FOR
COPPER CONNECTIONS

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	SUPERSEDES: H1, H2, H3, H5	
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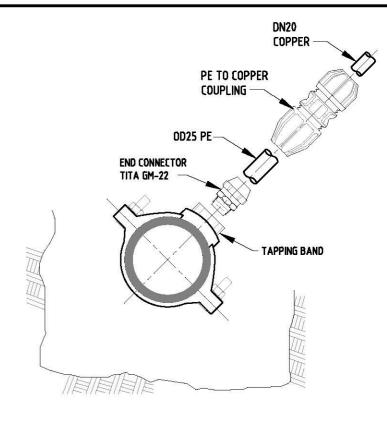








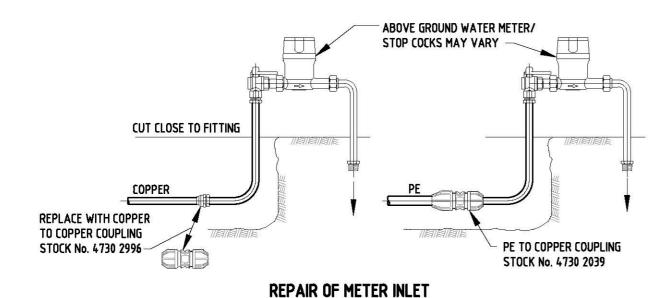
- P. RE-ALIGN COPPER TUBING WITH COCK PLUG.
- SLIDE BRASS BODY, WITH INSULATING INSERT, DOWN TUBING AND USING LOCTITE THREAD SCREW ONTO COCK PLUG.
- SLIDE REMAINING COMPONENTS DOWN TUBE AND SCREW NUT ONTO BRASS BODY.
- 12. IF COCK PLUG OFF TURN ON.



NO MAINCOCK FITTED

WITH MAINCOCK FITTED

REPAIR OF DN20 COPPER WATER CONNECTION



NOTES:

- REFER 4005-30002-01 AND 4005-3002-02 FOR GENERAL NOTES.
- 2. SAFETY NOTE:

SAFETY – ELECTRICAL EARTH: CONNECT JUMPER LEADS UPSTREAM & DOWNSTREAM OF METER FITTING BEFORE REMOVING METER.

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SA WATER STANDARD DRAWINGS
WATER SUPPLY CONSTRUCTION MANUAL
REPAIR OF
DN20 COPPER WATER CONNECTIONS

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	A3 sht size	1 REVISION
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	SUPERSEDES: L1, L2	
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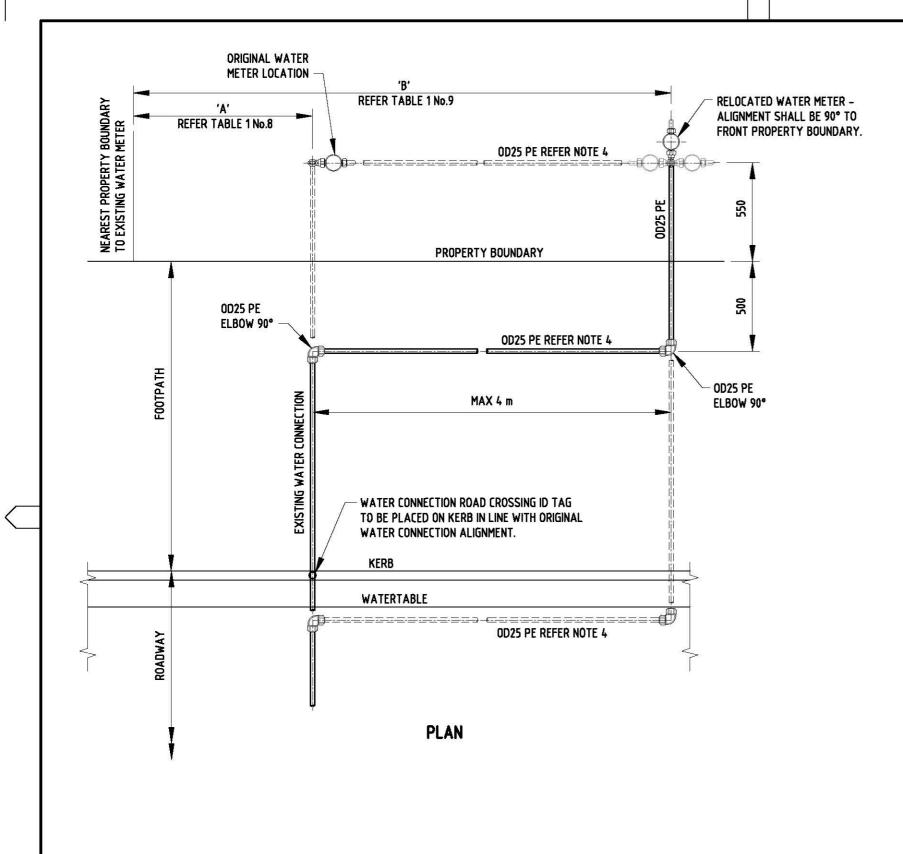


TABLE 1

No.	AS CONSTRUCTED DRAWING INFORMATION
1.	ADDRESS
2.	METER SIZE
3.	METER TYPE
4.	METER NUMBER
5.	ORIGINAL WATER CONNECTION PIPE DIAMETER
6.	ORIGINAL WATER CONNECTION PIPE MATERIAL TYPE
7.	WATER METER RELOCATED LEFT OR RIGHT
8.	LOCATION OF EXISTING INLET RISER – DISTANCE 'A'
9.	LOCATION OF RELOCATED INLET RISER – DISTANCE 'B'
10.	NEW PIPEWORK INSIDE / OUTSIDE FRONT BOUNDARY
11.	DISTANCE FROM FRONT BOUNDARY
12.	DEPTH OF NEW PIPEWORK

NOTES:

- 1. REFER 4005-30002-01 AND 4005-30002-02 FOR GENERAL NOTES.
- CONNECTION (& METER) RELOCATION IS ONLY APPROVED FOR DN20 AND DN25 WATER METERS. NO RELOCATION OF DN40 & DN50 METERS PERMITTED.
- 3. RELOCATION IS APPROVED FOR BOTH DRINKING WATER AND NON-DRINKING WATER SYSTEMS.
- 4. THE OD25 PE PIPEWORK SHALL BE LAID IN FOOTPATH. SHOULD OTHER UTILITIES IMPACT COMPLIANCE WITH THIS REQUIREMENT, APPROVAL OF THE SA WATER REPRESENTATIVE SHALL BE SOUGHT FOR PERMISSION TO LOCATE PIPEWORK WITHIN THE PROPERTY (MAX 500 FROM FRONTAGE) OR WITHIN THE ROAD.
- 5. DETECTABLE UNDERGROUND WARNING TAPE SHALL BE LAID APPROX 150 ABOVE OD25 PE PIPE. TAPE MARKINGS WILL BE DEPENDENT UPON THE DRINKING WATER SYSTEM.
- RELOCATION OF THE WATER CONNECTION OR WATER METER IS PERMITTED ONCE. A RELOCATED CONNECTION OR METER CANNOT BE MOVED.
- REFER 4005-30002-01 FOR GENERAL NOTES.
- REFER 4005-30006-01 FOR WATER CONNECTION NOTES & REQUIREMENTS.
- REFER 4005-30008-01 FOR FOR DN20 AND DN25 WATER METERS ASSEMBLY.
- 10. FOR ALL RELOCATIONS:
- THE CONTRACTOR SHALL PROVIDE THE SA WATER WITH AN 'AS CONSTRUCTED' DRAWING WITH REQUIRED DIMENSIONS & INFORMATION LISTED IN TABLE 1.
- 11. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.

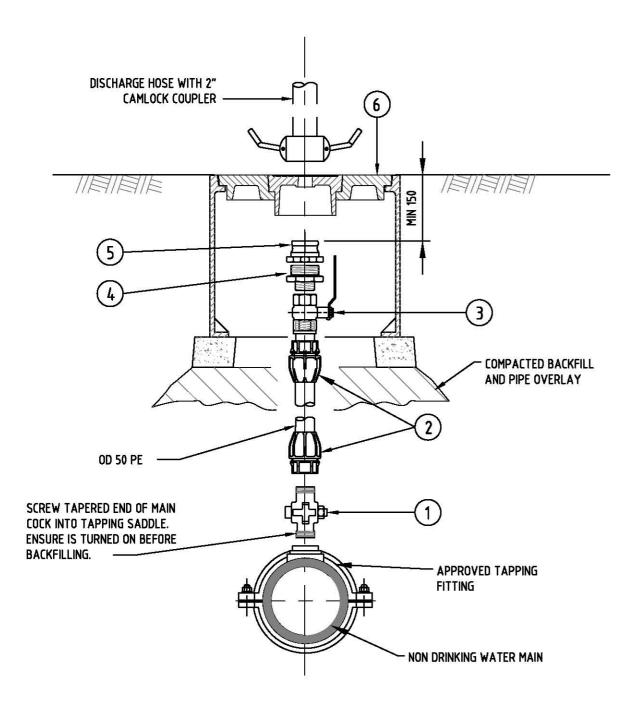
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SA WATER STANDARD DRAWINGS
WATER SUPPLY CONSTRUCTION MANUAL
WATER CONNECTION RELOCATION/
WATER METER RELOCATION
(DN20 & DN25 ONLY)

200		
â	A3 sht size	1 REVISION
-	TOTAL SHEETS:	
	SUPERSEDES: K7, L6	
	DRAWING NUMBER	
	4005-30010	-05



NON DRINKING WATER MAIN AIR BLEED ASSEMBLY

ITEM	DESCRIPTION	REMARKS
1	MAINCOCK (38 mm)	TURNED ON PRIOR TO BACKFILL
2	PE END CONNECTOR (FEMALE)	OD 50 x 1 1/2 "
3	DN 40 BALL VALVE	ZETCO SERIES 1298
4	REDUCING BUSH DR BRASS	2½" BSP X 40mm SPIG – SOC BSP
5	2" CAMLOCK COUPLER (MALE)	
6	CI STREET BOX	

NOTES:

- 1. REFER 4005-30002-01 AND 4005-30002-02 FOR GENERAL NOTES.
- REFER 4005-30005-11 FOR OD63 WATER MAIN.
- 3. REFER 4005-30006-05 FOR (TYPICAL) DN40 WATER CONNECTION DETAIL.
- 4. PIPE EMBEDMENT & TRENCH REINSTATEMENT SHALL BE IN ACCORDANCE WITH WSCM SECTION 3.
- 5. REFER WSCM SECTION 7 FOR STREET BOX INSTALLATION DETAILS.
- THE INSTALLATION SHALL BE PERFORMED TO THE SATISFACTION OF THE SA WATER REPRESENTATIVE.

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SA WATER STANDARD DRAWINGS
WATER SUPPLY CONSTRUCTION MANUAL
NON DRINKING WATER SYSTEM
RETRO FITTING OF AIR BLEED ASSEMBLY

		22.4%
ı	A3 sht size	1 REVISION
L	TOTAL SHEETS: 1	
	SUPERSEDES: K5	
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T	4005-30010	-06
	PREFIX NUMBER	SHEET