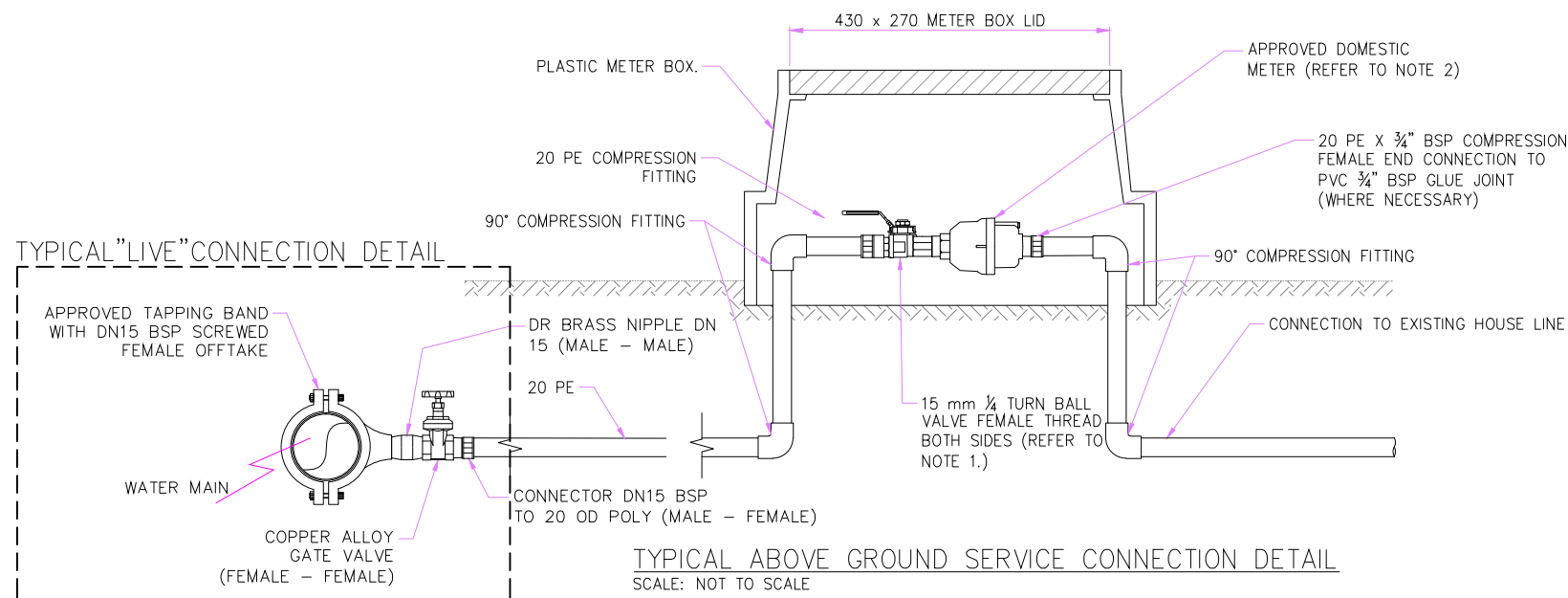
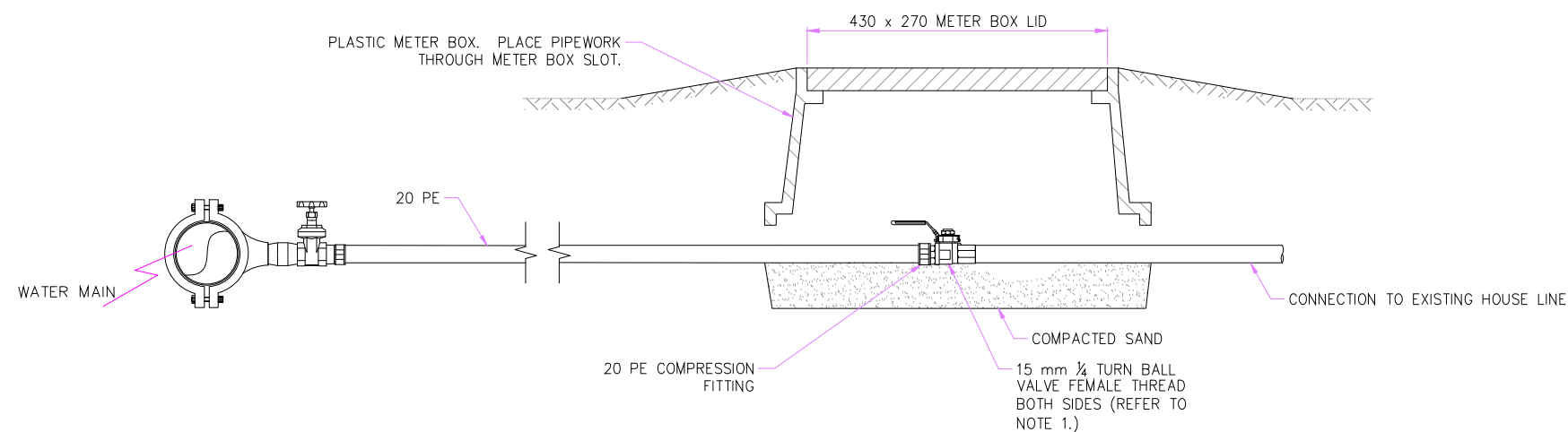


TYPICAL UNDERGROUND SERVICE CONNECTION DETAIL  
SCALE: NOT TO SCALE



TYPICAL ABOVE GROUND SERVICE CONNECTION DETAIL  
SCALE: NOT TO SCALE



TYPICAL UNMETER (RAW MATERIAL) SERVICE CONNECTION DETAIL  
SCALE: NOT TO SCALE

## NOTES:

1. BALL AND GATE VALVES SHALL BE 15 MM COPPER-ALLOY (FEMALE THREAD BOTH SIDES). VALVES SHALL BE SUBMITTED TO ENGINEER FOR TESTING AND APPROVAL PRIOR TO PURCHASE.
2. WATER METERS SHALL BE SUPPLIED BY SWA UNLESS OTHERWISE SPECIFIED.
3. ALL SERVICE PIPEWORK FROM MAIN TO EXISTING HOUSE LINE SHALL BE PE. JOINING TO PVC PIPE SHALL USE A SOLVENT CEMENT JOINT TO NZS 2032 WHERE NECESSARY.
4. MINIMUM COVER TO PIPEWORK: 480 IN ROADWAYS AND 200 ELSEWHERE
5. ANY PIPEWORK SPANNING A DRAINAGE DITCH OR SIMILAR SHALL BE ENCLOSED IN AN 80 DIA. GALVANISED PIPE EMBEDDED A MINIMUM OF 300 INTO EACH BANK.
6. COPPER ALLOY TO BE DEZINCIFICATION RESISTANT (DR) TO AS 2345.
7. IN PREMISES WHERE THERE IS A RISK OF CONTAMINATION, THE LAND OWNER IS REQUIRED TO PROVIDE BACKFLOW PREVENTION DEVICES IN ACCORDANCE WITH AS/NZS 3500.
8. USE HDPE MOULDED METER BOX.
9. METER LOCATION DETAILS SHALL BE AS PER STANDARD DRAWING W-016.
10. ONLY SWA STAFF ARE PERMITTED TO PERFORM LIVE TAPPINGS TO WATER MAINS.
11. DUAL WATER SERVICES (I.E. SINGLE PIPE TAPPING WITH 2 SERVICE BRANCHES) SHALL BE USED WHERE CUSTOMER BUILDINGS ARE LOCATED WITHIN 10 METERS OF EACH OTHER. USE OD 20mm POLYETHYLENE SERVICES PIPE FOR SINGLE SERVICES AND OD 32mm POLYETHYLENE PIPE FOR DUAL SERVICES, REDUCING TO OD 20mm POLYETHYLENE PIPE AFTER THE BRANCH.
12. FOR DETAILS OF PRODUCT SPECIFICATIONS FOR USE ON WATER SERVICES, SEE SWA ENGINEERING STANDARDS PART – MATERIALS AND PRODUCTS STANDARDS.

	BY:	DATE	REV.	DESCRIPTIONS	DATE	APPROVED
DESIGNED :	--	..../..../..			..../..../..	--
DRAWN :	--	..../..../..			..../..../..	--
DSGN CHECKED :	--	..../..../..			..../..../..	--
DWG CHECKED :	--	..../..../..			..../..../..	--
APPROVED :	--	..../..../..			..../..../..	--

DRAWING TITLE :	<b>PROPERTY SERVICE CONNECTION TYPICAL DETAILS</b>
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PROJECT TITLE :	<b>STANDARD DRAWING</b>
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<b>SAMOA WATER AUTHORITY</b> Level 2 TATTE Building Apia, Sogi Ph: +685 20409 Fax: +685 21298	
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SIZE <b>A3</b>	CONTRACT NUMBER :	REVISION <b>0</b>
SCALE: <b>N.T.S</b>	DRAWING NUMBER : <b>W - 017</b>	