

# New Zealand Drinking Water Protection Conference 2023.

From the source to the last flowing tap.

Jeff Parsonage - BPAA President



**The Backflow Prevention Association of Australia Inc (BPAA) is a professional body dedicated to the protection of our drinking water supply.**

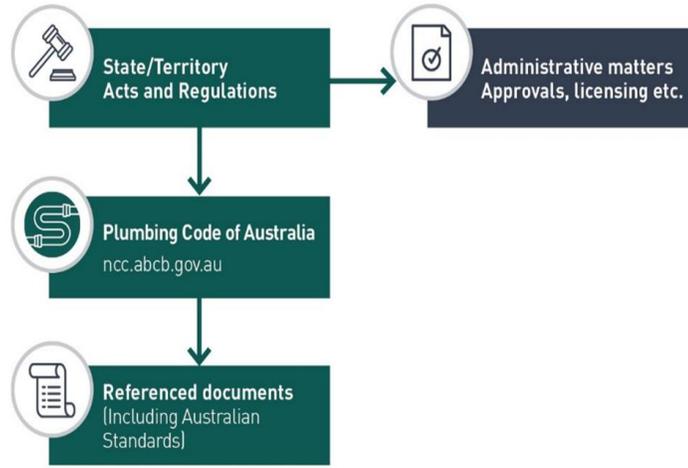
We are a not-for-profit, volunteer organisation made up of members across all aspects of the plumbing and water supply industry, including local government and water supply authorities, manufacturers, plumbing contractors, and education and training providers.

We have seats on various Australian Standards committees.

We have chapters in Queensland, New South Wales, Victoria, Tasmania, and Western Australia.

We also have The Legionella Management Advisory Group (LMAG) as a division of our association.






**Volume Three**  
 Plumbing Code of Australia




**2022**

AS/NZS 3500.1:2018

Australian/New Zealand Standard™

**Plumbing and drainage**

**Part 1: Water services**




Accessed by South Region TAFE on 16 Jul 2018. Document currency not guaranteed when printing.

AS/NZS 2845.3:2020

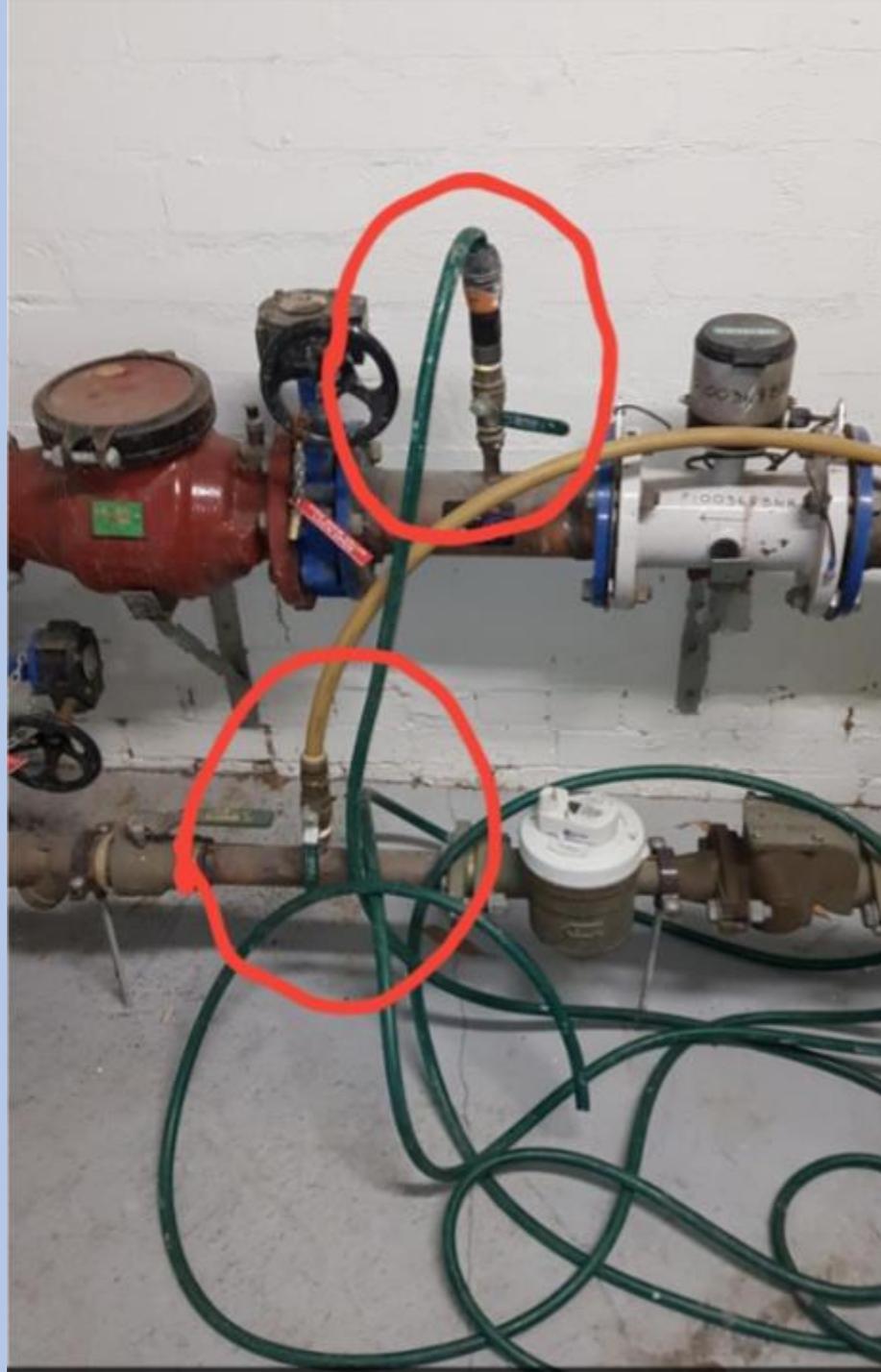
Australian/New Zealand Standard™

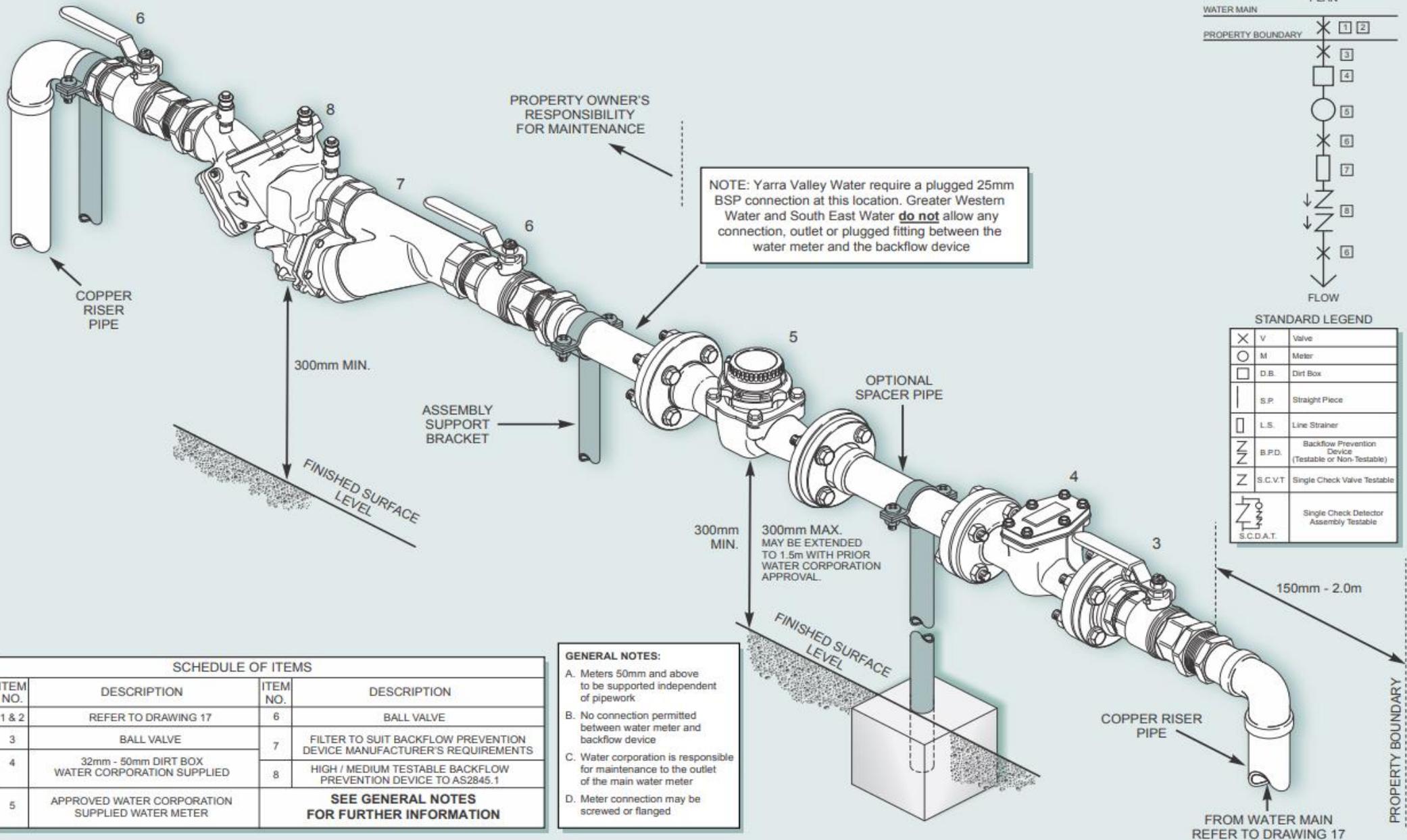
**Water supply — Backflow prevention devices**

**Part 3: Field testing and maintenance of testable devices**




Copyright material licensed by SA Global Supplier. Copy Allowed. Accessed on 2020-02-11. Reproduction/distribution storage or use on a network is prohibited.





DRAWING NUMBER:

**5**

SCALE:

NOT TO SCALE

DATE:

DECEMBER 2021

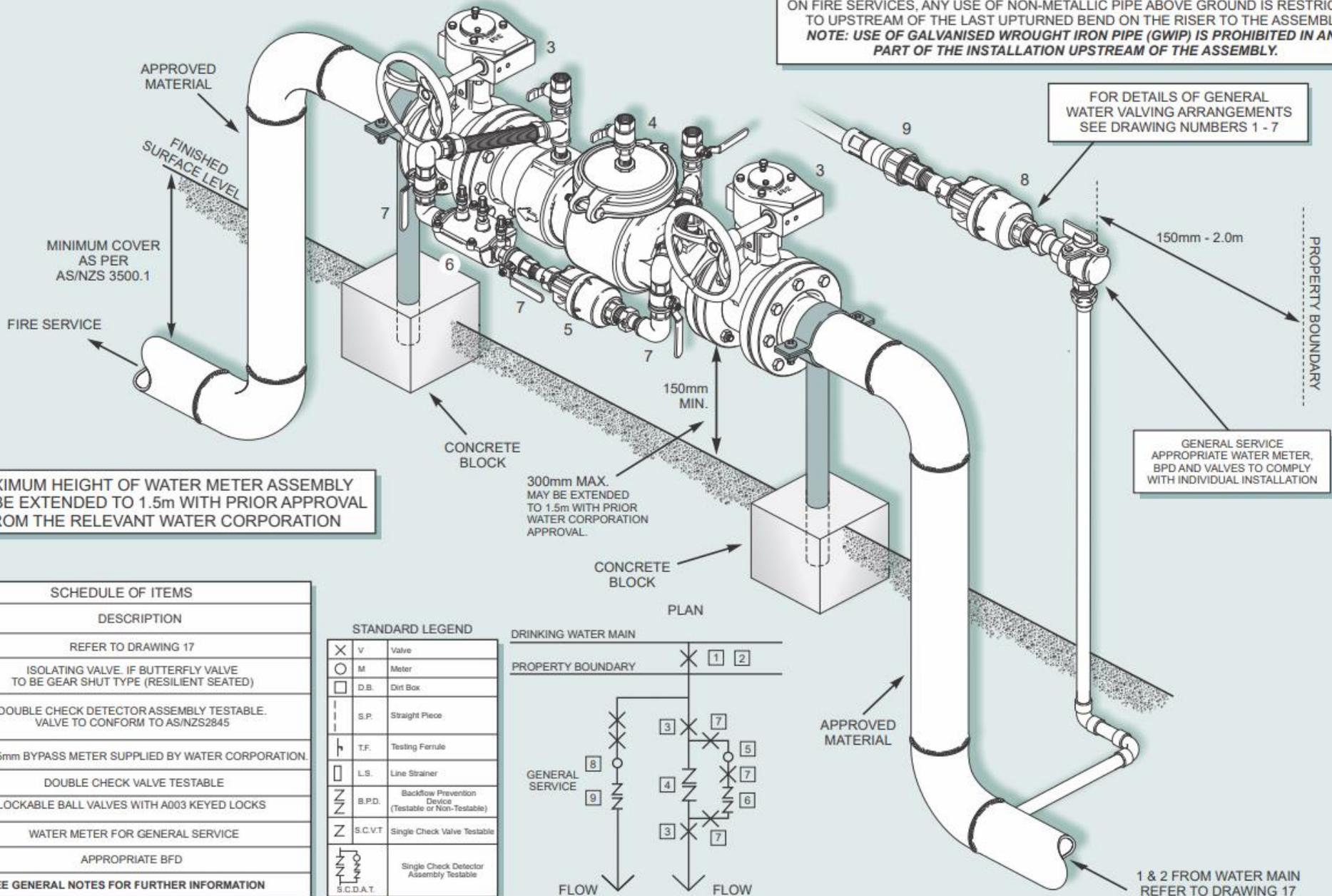
32 - 50mm GENERAL WATER SERVICE  
MEDIUM/ HIGH HAZARD  
RESIDENTIAL / COMMERCIAL / INDUSTRIAL  
TYPICAL ARRANGEMENT





ON FIRE SERVICES, ANY USE OF NON-METALLIC PIPE ABOVE GROUND IS RESTRICTED TO UPSTREAM OF THE LAST UPTURNED BEND ON THE RISER TO THE ASSEMBLY.  
**NOTE: USE OF GALVANISED WROUGHT IRON PIPE (GWIP) IS PROHIBITED IN ANY PART OF THE INSTALLATION UPSTREAM OF THE ASSEMBLY.**

FOR DETAILS OF GENERAL WATER VALVING ARRANGEMENTS SEE DRAWING NUMBERS 1 - 7

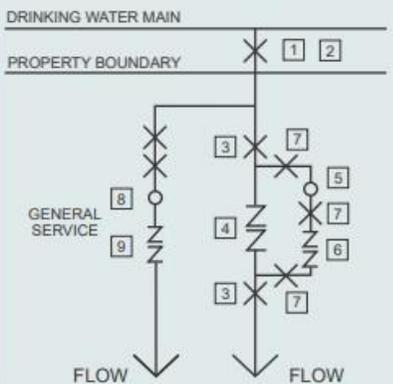


MAXIMUM HEIGHT OF WATER METER ASSEMBLY MAY BE EXTENDED TO 1.5m WITH PRIOR APPROVAL FROM THE RELEVANT WATER CORPORATION

H.3.3 Bypass valve  
 If the reading of the bypass valve is equal to or greater than the main valve, the main valve shall be repaired or replaced. The test shall be repeated

SCHEDULE OF ITEMS	
ITEM NO.	DESCRIPTION
1 & 2	REFER TO DRAWING 17
3	ISOLATING VALVE. IF BUTTERFLY VALVE TO BE GEAR SHUT TYPE (RESILIENT SEATED)
4	DOUBLE CHECK DETECTOR ASSEMBLY TESTABLE. VALVE TO CONFORM TO AS/NZS2845
5	25mm BYPASS METER SUPPLIED BY WATER CORPORATION.
6	DOUBLE CHECK VALVE TESTABLE
7	LOCKABLE BALL VALVES WITH A003 KEYED LOCKS
8	WATER METER FOR GENERAL SERVICE
9	APPROPRIATE BFD
SEE GENERAL NOTES FOR FURTHER INFORMATION	

STANDARD LEGEND		
⊗	V	Valve
○	M	Meter
□	D.B.	Dirt Box
—	S.P.	Straight Piece
⊥	T.F.	Testing Ferrule
▭	L.S.	Line Strainer
⌌	B.P.D.	Backflow Prevention Device (Testable or Non-Testable)
Z	S.C.V.T.	Single Check Valve Testable
⌌	S.C.D.A.T.	Single Check Detector Assembly Testable



DRAWING NUMBER:

10

SCALE:

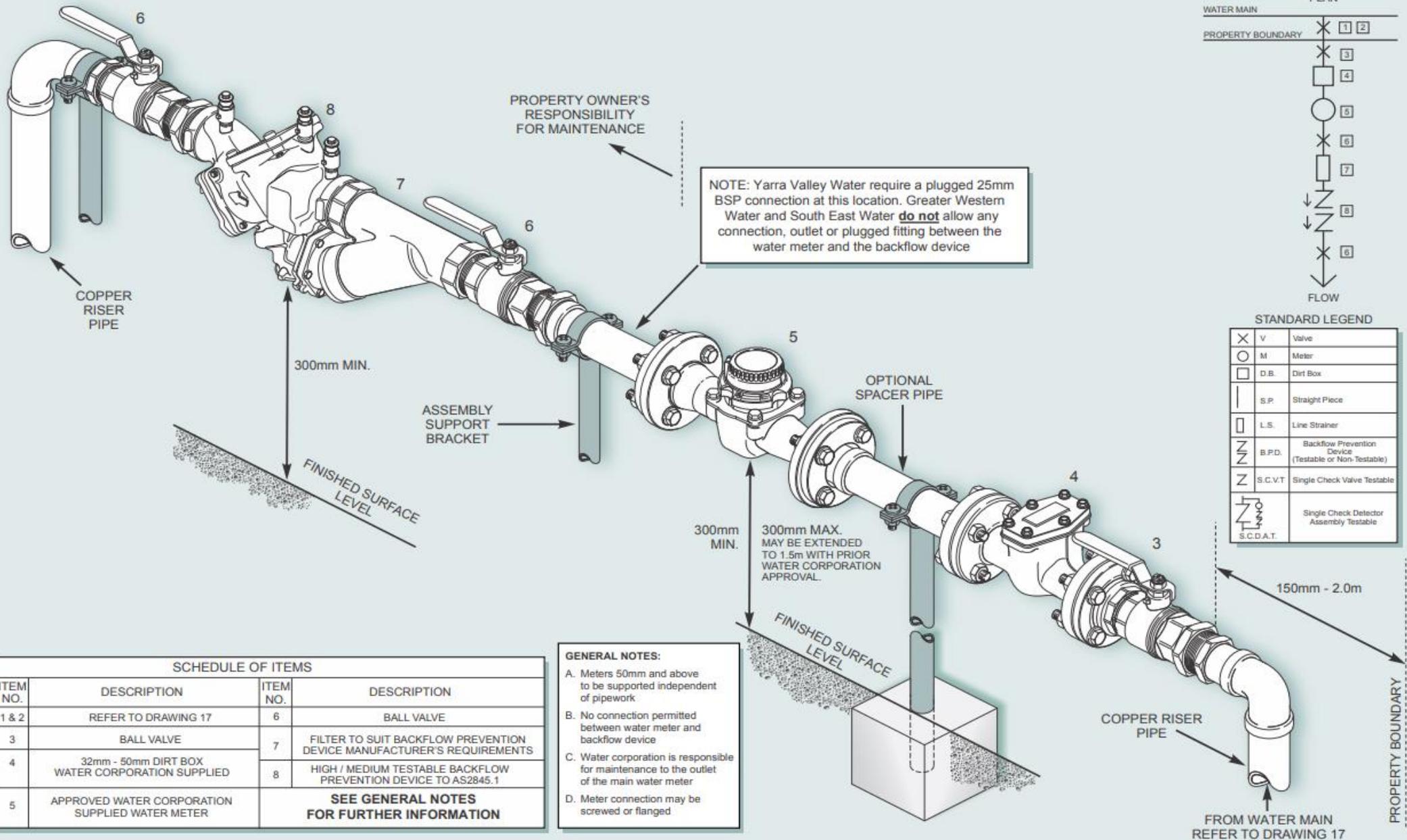
NOT TO SCALE

DATE:

JULY 2017

80mm+ FIRE HYDRANT / HOSE REELS WITH DOUBLE CHECK DETECTOR ASSEMBLY TESTABLE TYPICAL ARRANGEMENT





DRAWING NUMBER:

**5**

SCALE:

NOT TO SCALE

DATE:

DECEMBER 2021

32 - 50mm GENERAL WATER SERVICE  
MEDIUM/ HIGH HAZARD  
RESIDENTIAL / COMMERCIAL / INDUSTRIAL  
TYPICAL ARRANGEMENT





# World Backflow Prevention Day



# Water for Health and Environment



# Water for Health and Environment



# 2023 NATIONAL BACKFLOW & LEGIONELLA CONVENTION - Water for Health and Environment



The 2023 National Backflow & Legionella Convention will be held on 19th & 20th October 2023.

We are holding a hands-on Workshop on Wednesday 18th October 2023 at Ashmore TAFE from 2.00 pm. Check out the ticket section for more information.

Our Email: [bpaaoffice@bpaa.org.au](mailto:bpaaoffice@bpaa.org.au)

Our Website: [www.bpaa.org.au](http://www.bpaa.org.au)

Thank you.

# Backflow and the Elm Leaf Beetle.

