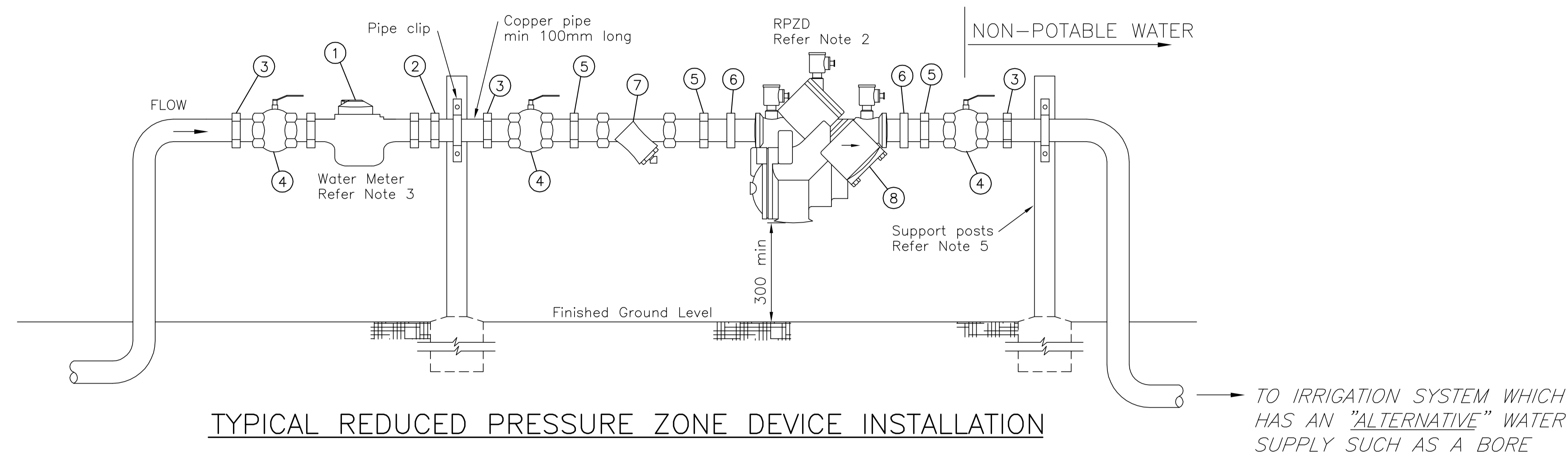


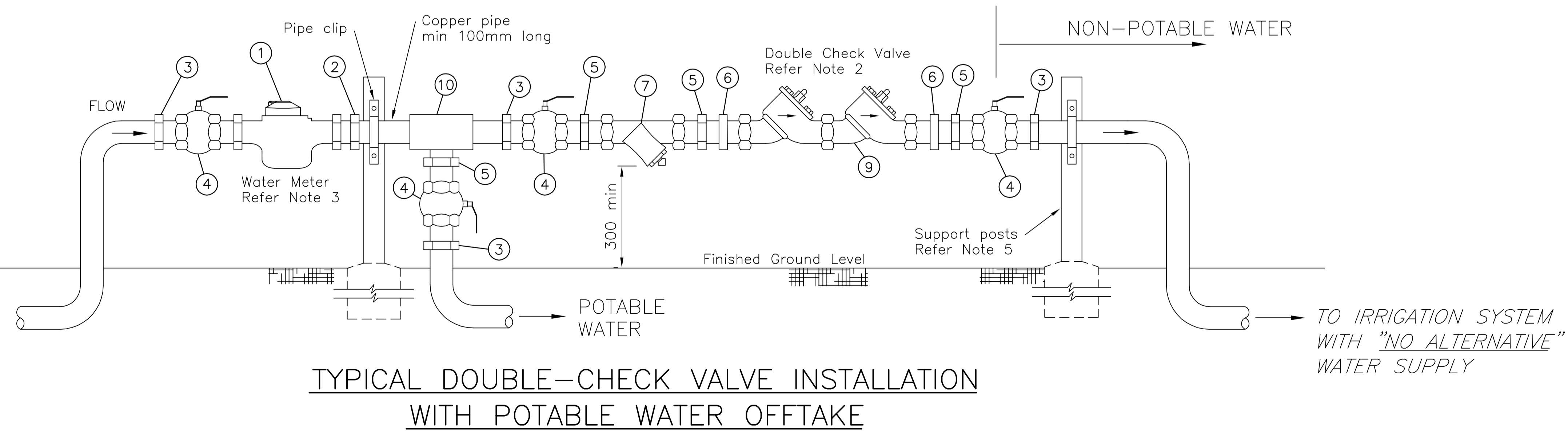
TYPICAL DOUBLE-CHECK VALVE INSTALLATION

MATERIALS LIST	
ITEM	DESCRIPTION
1	Water meter with male gasket couplings
2	Brazing union (FI x copper)
3	Brazing union (MI x copper)
4	Resilient seated stainless steel ball valve (FI x FI)
5	Hexagon nipple (brass)
6	Barrel union (brass)
7	Line strainer (bronze)
8	Reduced pressure zone device (MI x MI)
9	Testable double check valve (FI x FI)
10	Brazing tee with FI outlet



TYPICAL REDUCED PRESSURE ZONE DEVICE INSTALLATION

- NOTES
- Details shown are for installations up to 50mm nominal diameter using copper pipe above ground with threaded fittings. For installations larger than 50mm diameter, pipes, fittings and devices to be flanged and self supporting unless directed otherwise.
 - Reduced pressure zone device (RPZD) and double check valve (DCV) to comply with AS 2845.1. After installation, device to be tested by a certified plumber and test certificate supplied to the Director of Engineering Services.
 - Water meter to be approved positive displacement type up to 50mm diameter and helix type for 80mm or larger.
 - All other valves, strainer and fittings to be of non-ferrous metal or stainless steel, and to comply with relevant Australian Standard or to be approved by the Director of Engineering Services.
 - Support posts to be 51x51x3.2mm RHS, capped end, hot dip galvanised, set 500mm into Grade N20 concrete footing, minimum 200mm diameter and 550mm deep.
 - Pipe clips to be copper or stainless steel Grade 316 securely fastened to posts with approved stainless steel fasteners not less than 4mm diameter.
 - Any hose cock/s connected to be downstream side of a backflow prevention (containment) device will be deemed as non-potable and shall be clearly and permanently labelled at every outlet as required by AS 3500.1 with sign No. 404 to AS 1319:



TYPICAL DOUBLE-CHECK VALVE INSTALLATION WITH POTABLE WATER OFFTAKE

NOTES : Not to Scale
Supersedes 10030A



CITY OF THURINGOWA
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**WATER METER AND BACKFLOW PREVENTION
INSTALLATIONS FOR NON-DOMESTIC
IRRIGATION SYSTEMS**

**STANDARD
DRAWING
WATER
10350**

No.	DATE	DESCRIPTION	AP'D
A	1/7/99	ORIGINAL ISSUE	
REVISIONS			

DRAWN: NRN	Engineer Approved: Original Signed by C.Phillips Date: 13/12/1999
CHECKED: WJP	D.E.S. Approved: Original Signed by K.Shephard Date: 13/12/1999