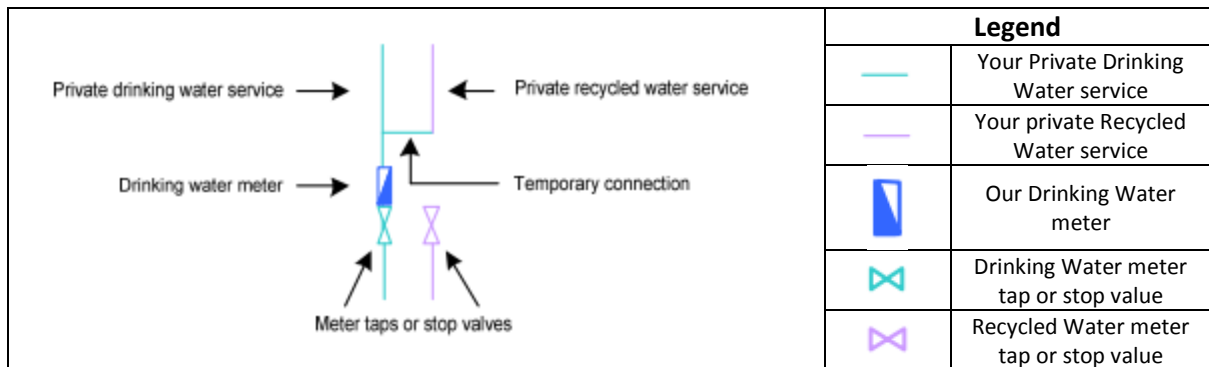


# Guide for installation of Meters

## Installation of Meter

For temporary connection of drinking water, during the construction phase of the home, the following demonstrates how the drinking meter water meter should be installed. We will arrange for the recycled water meter will be installed during our Final Connection Inspection.



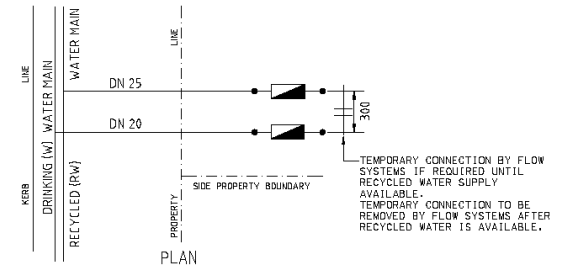
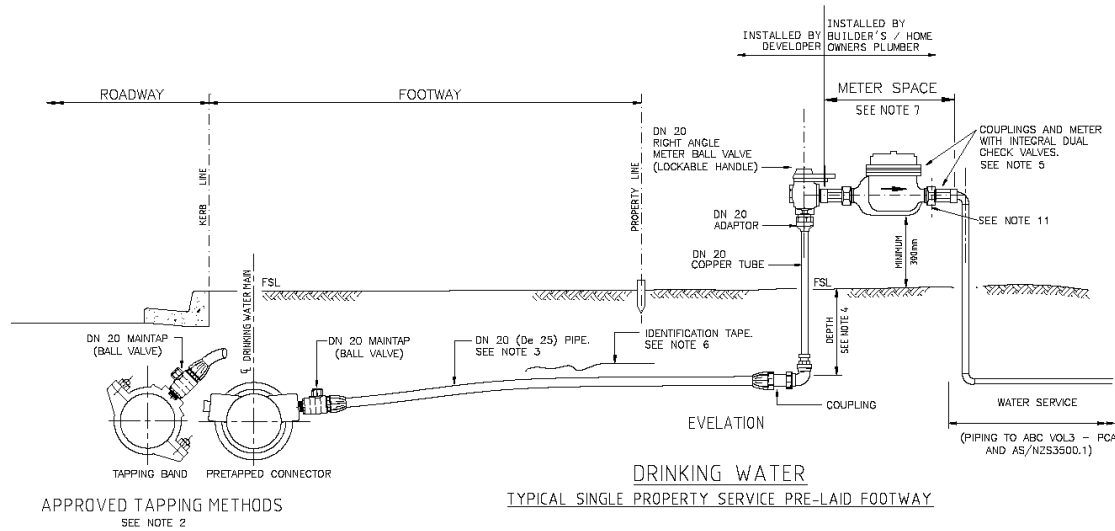
## Backflow prevention device

20mm and 25mm diameter meters have internal backflow check valves, so there is no need to install a separate backflow prevention device. However if a high risk business (e.g. one that may contaminate the water supply) will be occupying the property, there may be a requirement to install an additional backflow prevention device. In any event, a separate backflow prevention device must be installed for each meter larger than 25mm in diameter.

## Additional Information

Please refer to the attached Drawings on the following pages for additional information:

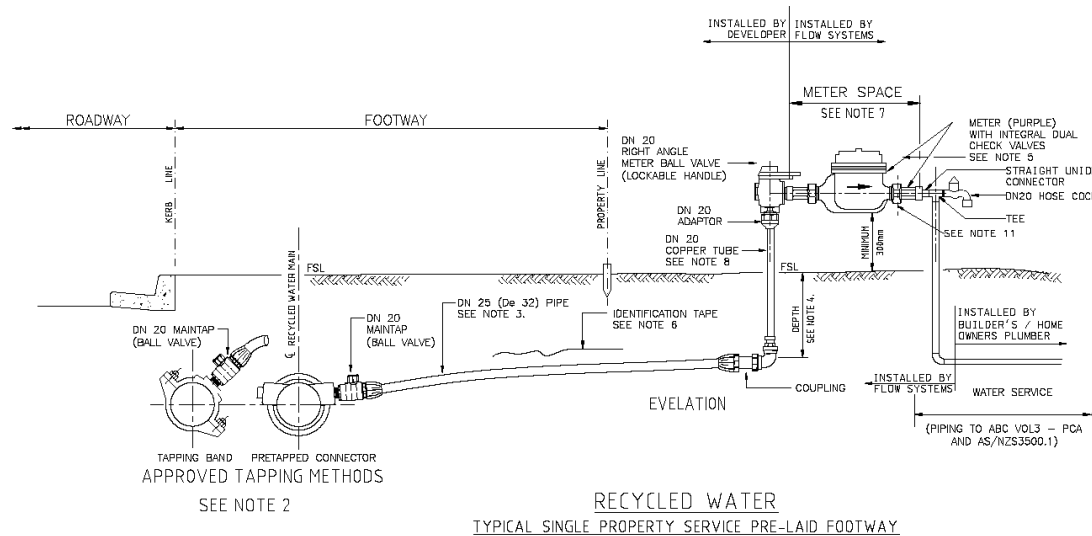
- WAT-1854-FS – Dual Water Reticulation System Single Property Services Pre-Laid Footways
- FSI-1000-FS – Infrastructure On-Lot Infrastructure Installation Set out Details



### NOTES

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
- FOR APPROVED TAPPING METHODS, SEE WAT-1854-S (DCL MAINS) AND WAT-1854-S (PE/CP MAINS).
- PROPERTY SERVICES CONNECTED TO:
  - DCL MAINS: ALL NON-METALLIC (PLASTIC) PIPE MATERIAL FOR USE IN PROPERTY SERVICES TO BE IN ACCORDANCE WITH THE AUSTRALIAN BUILDING CODE VOL. 3 - PLUMBING CODE OF AUSTRALIA AND AS/NZS 3500.1 (MINIMUM PN 50, PE 80 & PVC-U).
  - PE/CP MAINS: ALL SERVICE PIPE FOR DRINKING WATER TO BE COLOURED PLAIN BLUE.
  - EXCEPT MAINS: ALL MATERIALS FOR USE IN PROPERTY SERVICES TO BE IN ACCORDANCE WITH THE AUSTRALIAN BUILDING CODE VOL. 3 - PLUMBING CODE OF AUSTRALIA AND AS/NZS 3500.1 (MINIMUM PN 50, PE 80 & PVC-U).
  - PE/CP MAINS: PROPERTY SERVICE PIPE FOR RECYCLED WATER TO BE COLOURED BLACK WITH PURPLE STRIPES (LONGITUDINAL) TO AS 2700. WHERE THE NOMINAL SIZE OF A PIPE IS SPECIFIED, AN EQUIVALENT PIPE SIZE APPROPRIATE TO THE MATERIAL BEING USED TO BE AS SPECIFIED IN AS 3500.1, TABLE 11.
  - PROPERTY SERVICES TO BE CONTINUOUS (WITHOUT JOINTS) BETWEEN MAINTAP BALL VALVE AND METER RISER.
- DEPTHS TO BE IN ACCORDANCE WITH ABC VOL.3 - PCA AND AS/NZS 3500.1
- METERS WITH DUAL CHECK VALVES REQUIRED FOR DRINKING WATER AND RECYCLED WATER PROPERTY SERVICES.
- PROVIDE IDENTIFICATION TAPE ON ALL PROPERTY SERVICES WITHIN THE FOOTWAY UP TO THE BALL VALVE AS APPROPRIATE. TAPE TO BE COLOURED:
  - (i) PURPLE AND MARKED "RECYCLED OR RECLAIMED WATER-CO NOT DRINK"
  - (ii) "GREEN" AND MARKED "CAUTION WATER MAIN BURIED BELOW"
- METER SPACE:
  - DRINKING & RECYCLED WATER
  - METER SPACE FOR DRINKING & RECYCLED WATER IS THE DISTANCE BETWEEN THE THREADED END OF THE BALL VALVE AND THE THREADED END OF THE FLOW. DISTANCES ARE AS FOLLOWING:

| METER SIZE  | 20  | 25  |
|-------------|-----|-----|
| METER SPACE | 244 | 283 |
- USE COPPER TUBE PRECOATED WITH PURPLE COLOURED PE FOR RISERS ON RECYCLED WATER SERVICES.
- INSTALL SERVICES FROM MAIN TO METER IN A STRAIGHT LINE AND AT RIGHT ANGLES TO KERB LINE.
- LOCATE PROPERTY SERVICES FROM MAIN TO METER, (DRINKING AND RECYCLED WATER) IN THE ONE STREET ONLY, AT FRONTAGE OF PROPERTIES.
- PLACE DRINKING AND RECYCLED WATER METERS TOGETHER WITHIN 1 METRE INSIDE THE FRONT BOUNDARY AND PARALLEL TO A SIDE BOUNDARY WITHIN A DISTANCE OF 600mm.
- CUSTOMER CONNECTION POINT FOR ASSET OWNERSHIP AND MAINTENANCE.



SIZE  
A1

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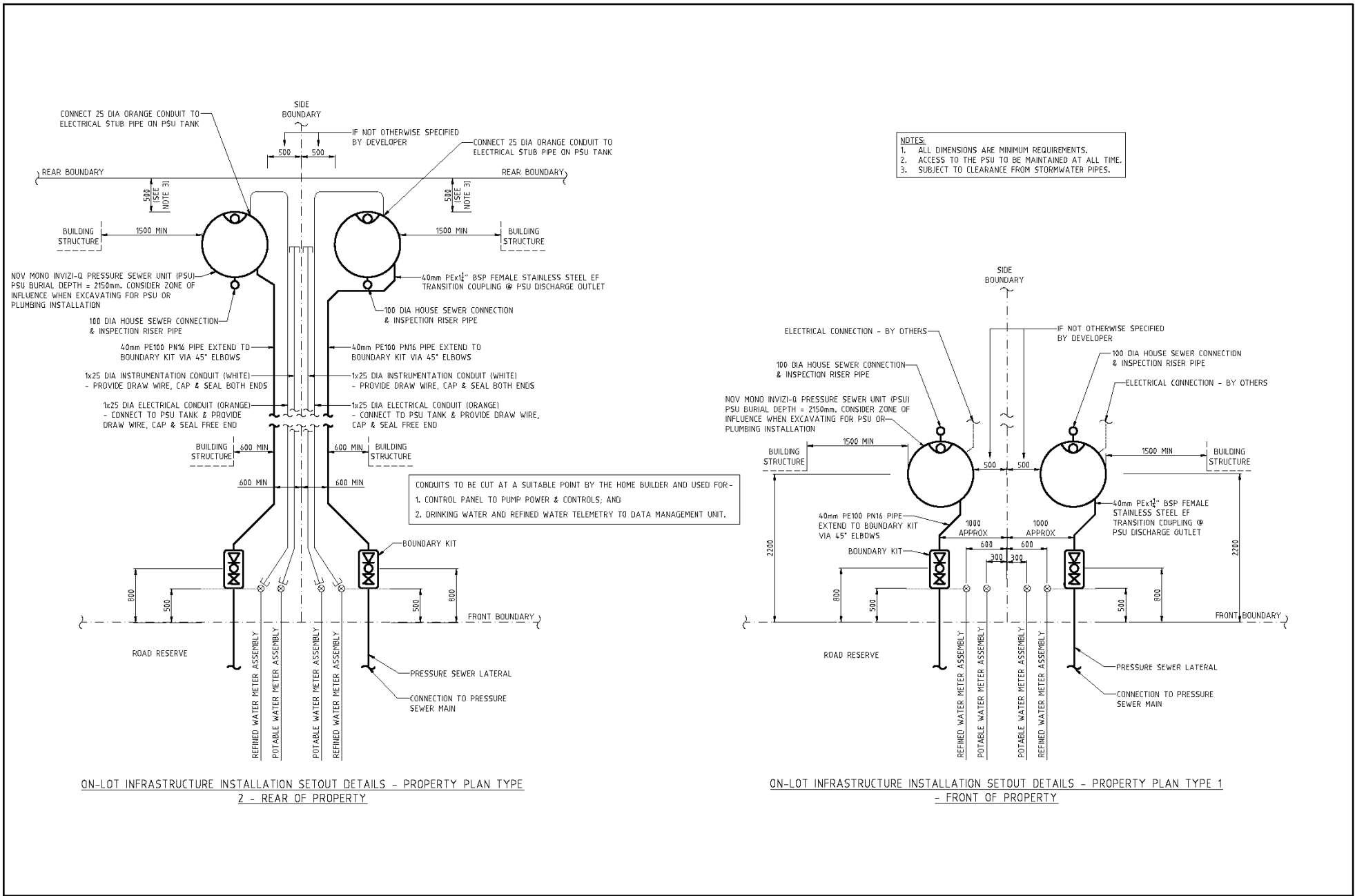
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|-----|---------|---------------------|----|----------|---------|
| A   | 11/2/15 | SUPERSIDES WAT-1854 |    |          |         |

flow  
systems

DRG TITLE:  
DUAL WATER RETICULATION SYSTEM  
SINGLE PROPERTY SERVICES  
PRE-LAID IN FOOTWAYS

NOT TO SCALE  
DRG No.  
WAT-1854-FS

REV  
A



**NOTES:**  
 1. ALL DIMENSIONS ARE MINIMUM REQUIREMENTS.  
 2. ACCESS TO THE PSU TO BE MAINTAINED AT ALL TIME.  
 3. SUBJECT TO CLEARANCE FROM STORMWATER PIPES.

ON-LOT INFRASTRUCTURE INSTALLATION SETOUT DETAILS - PROPERTY PLAN TYPE  
 2 - REAR OF PROPERTY

ON-LOT INFRASTRUCTURE INSTALLATION SETOUT DETAILS - PROPERTY PLAN TYPE 1  
 - FRONT OF PROPERTY

SIZE  
 A1

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| DRAWN:    |         |             |    |          |
| CHECKED:  |         |             |    |          |
| REV       | DATE    | DESCRIPTION | BY | APPROVED |
| A         | 11/2/15 | NEW DRAWING |    |          |



DRG TITLE:  
 PRESSURE SEWER SYSTEM  
 ON-LOT INFRASTRUCTURE  
 INSTALLATION SET OUT DETAILS

NOT TO SCALE  
 DRG No.  
 FSI-1000-FS

REV  
 A