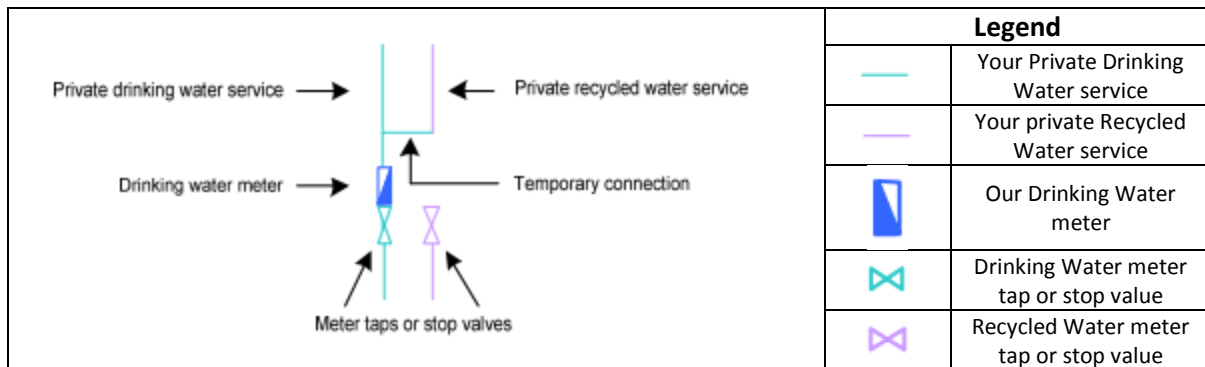




Guide for installation of Meters

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.



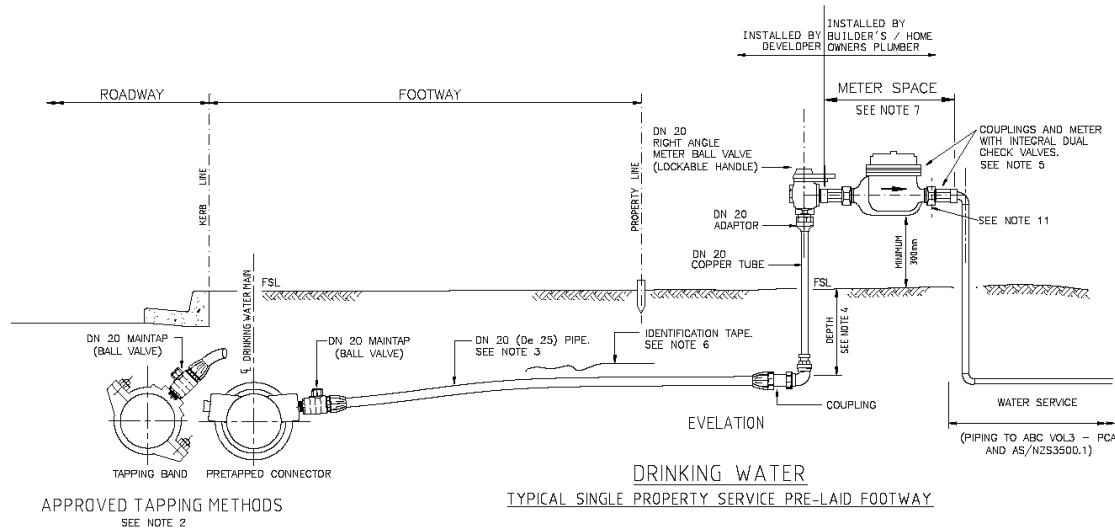
Backflow prevention device

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.

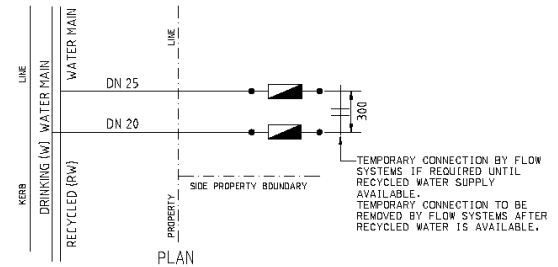
Additional Information

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



DRINKING WATER
TYPICAL SINGLE PROPERTY SERVICE PRE-LAID FOOTWAY

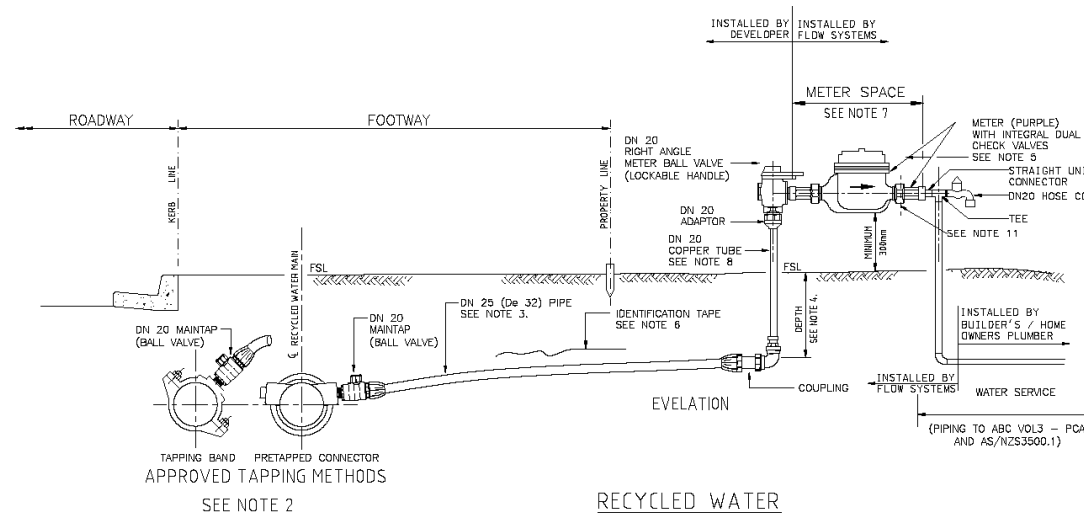


NOTES

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. FOR APPROVED TAPPING METHODS, SEE WAT-1854-S (DCL MAINS) AND WAT-1854-S (PE/CP MAINS).
3. 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).
 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).
 POLYETHYLENE 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.
4. DEPTHS TO BE IN ACCORDANCE WITH ABC VOL 3 - PCA AND AS/NZS 3500.1
5. METERS WITH DUAL CHECK VALVES REQUIRED FOR DRINKING WATER AND RECYCLED WATER PROPERTY SERVICES.
6. 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"
7. 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 FOLLOWS:

METER SIZE	20	25
METER SPACE	244	283
8. USE COPPER TUBE PRECOATED WITH PURPLE COLOURED PE FOR RISERS ON RECYCLED WATER SERVICES.
9. INSTALL SERVICES FROM MAIN TO METER IN A STRAIGHT LINE AND AT RIGHT ANGLES TO KERB LINE.
10. LOCATE PROPERTY SERVICES FROM MAIN TO METER, (DRINKING AND RECYCLED WATER) IN THE ONE STREET ONLY, AT FRONTAGE OF PROPERTIES.
11. 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.
11. CUSTOMER CONNECTION POINT FOR ASSET OWNERSHIP AND MAINTENANCE.

APPROVED TAPPING METHODS
SEE NOTE 2



RECYCLED WATER
TYPICAL SINGLE PROPERTY SERVICE PRE-LAID FOOTWAY

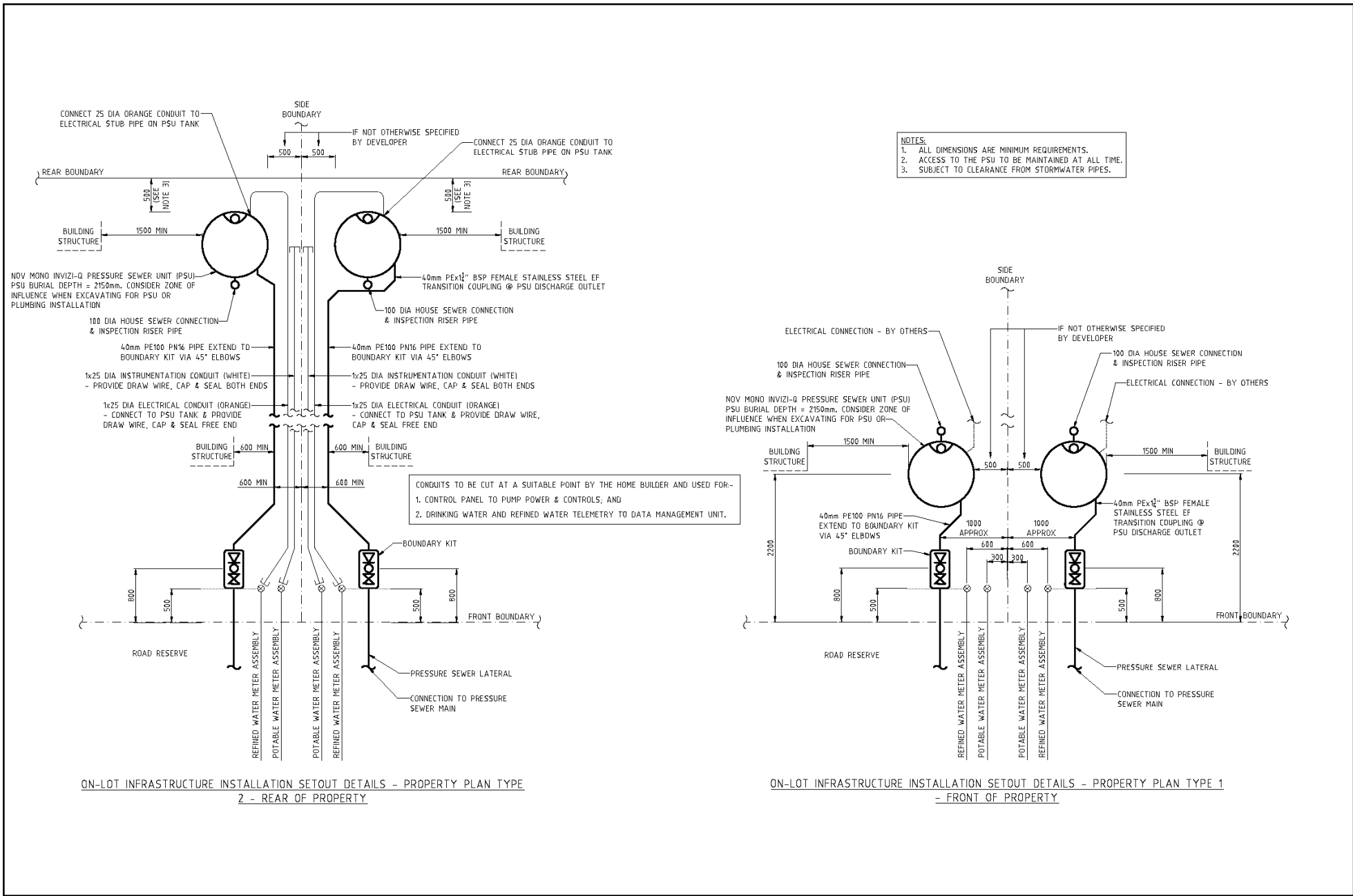
APPROVED TAPPING METHODS
SEE NOTE 2

DESIGNED:	OK			
DRAWN:				
CHECKED:				
REV	DATE	DESCRIPTION	BY	APPROVED
A	11/2/15	SUPERSIDES WAT-1854		



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

NOT TO SCALE	REV
DRG No. WAT-1854-FS	A



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 Potted by: Snaiz Date: 12/02/2015 4:00:33 PM Csd File No: J:\500-Csd-Data\Standard_Drawing\Flow Systems\FS-1000-FS_On-Lot Infrastructure Installation Set Out Details.dwg						DESIGNED: OK		DRG TITLE: PRESSURE SEWER SYSTEM ON-LOT INFRASTRUCTURE INSTALLATION SET OUT DETAILS	NOT TO SCALE DRG No. FSI-1000-FS	REV A
						DRAWN:				
	A	11/2/15	NEW DRAWING			CHECKED:				
	REV	DATE	DESCRIPTION	BY	APPROVED					