

# Installation and Positioning of New Boundary Boxes

## Introduction

It is important, when installing our new apparatus that consideration is given to the future access and maintenance by our technicians. This is important during both design when choosing a suitable location for the boundary boxes and during construction when ensuring our apparatus is installed in the agreed position and to the specification and quality required. This document provides guidance regarding our specification and expectations. **Please share this information with your onsite contractors and other utility providers to ensure no unnecessary hazards are created during the installation of this new apparatus.**

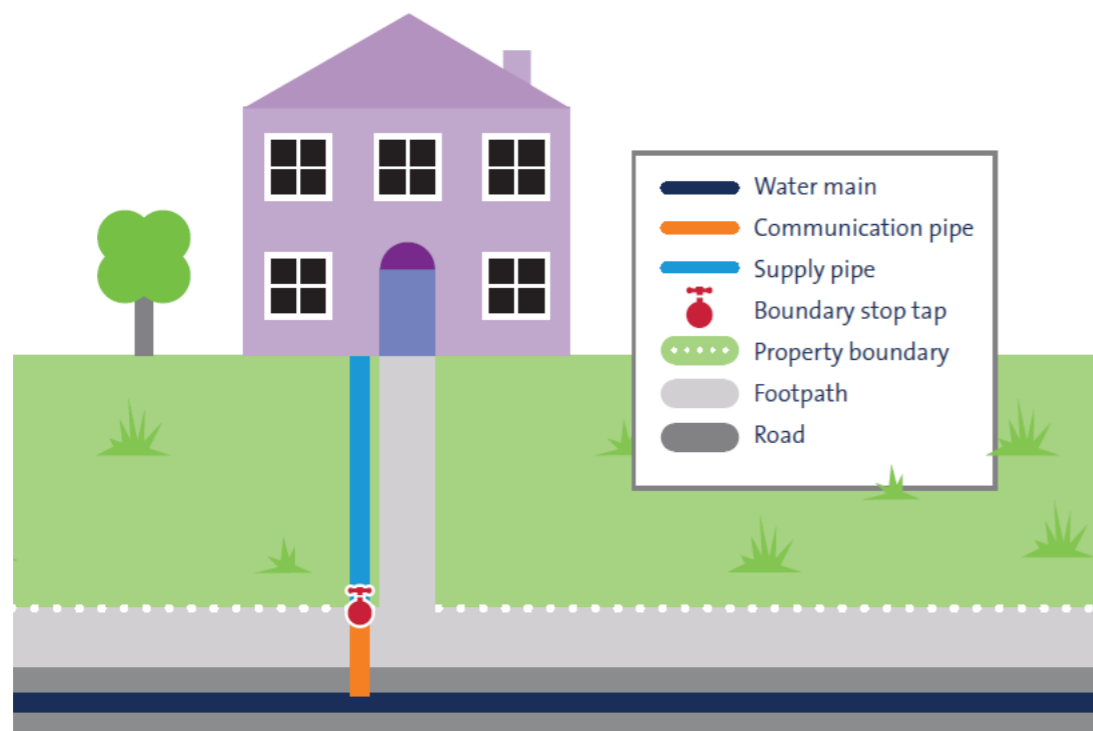
## Positioning

Affinity Water's preference is for installation of the stop tap and meter to be on or within 1m of the boundary (**See Diagram 1**). The preference for surface is *soft dig public* and then *footway*. As an exception where these are not possible the order of consideration of other surfaces should be *hard dig private*, and then *soft dig private*. You must ensure that fences or plants won't obstruct access in the future.

Installation in carriageways should be avoided at all times and driveways should be avoided where possible. Covers shall be capable of withstanding all potential loads placed upon them and shall comply with BS 5834 & BS EN 124. **Metal lids should be installed where necessary.**

Affinity Water should be consulted prior to any installations that will be in private land and where the installation deviates from the above.

Diagram 1 – Positioning of boundary box

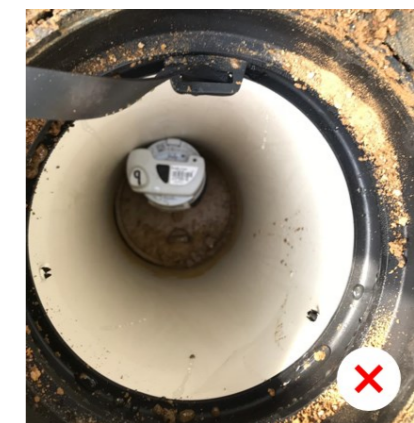
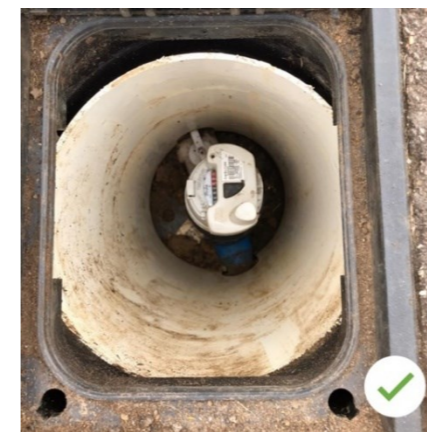
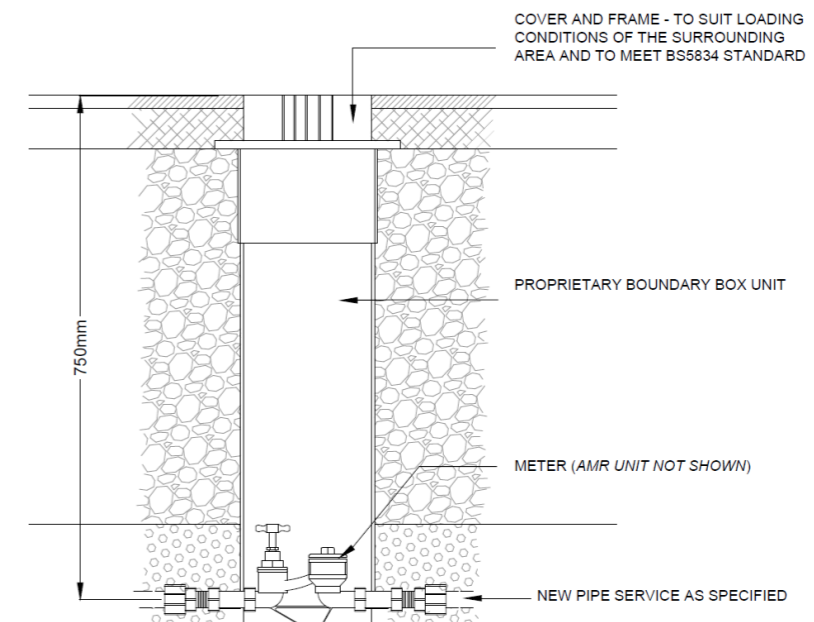


## Installation

It is important that all our new apparatus is installed correctly to enable safe and easy access and maintenance in the future. Boundary boxes provide us with the ability to isolate the water for a specific property in the case of an emergency, therefore it is important that they are positioned and installed in the correct fashion. Please ensure you provide an accurate line and level to our teams when we carry out the service connections. This will allow us to install the boundary boxes in the correct location and at the correct depth.

**Please ensure that only Affinity Water approved materials and lids are used on every Boundary Box.**

Diagram 2 – Affinity Water Standard for installation of Boundary Boxes



In the event of an **emergency**, relating to damage to our mains and/or apparatus please contact our 24-hour operational line on **0345 357 2407**