



# How to lay your pipework

A guide to help you lay your  
external pipework

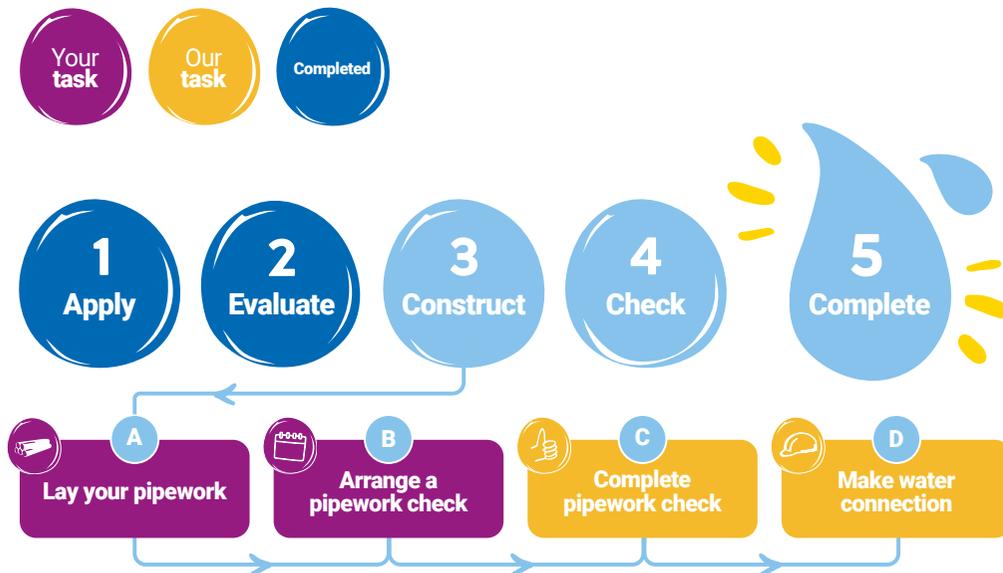


Call: 0345 60 66 087 · Email: [connections@anglianwater.co.uk](mailto:connections@anglianwater.co.uk)

# Your water connection journey

We're on hand every step of the way in your new water connection journey.

Here's a guide to help you complete  
**Step 3A: Lay your pipework**



## Why do I need to lay my pipework in a certain way?

- The Water Supply (Water Fittings) Regulations 1999 are a legal requirement to keep water quality safe.
- They include information on how underground pipework and internal plumbing must be installed and maintained. And are similar in nature to Building Regulations and Gas Regulations.
- We must complete a check on the external pipework you have laid to make sure that it's safe to connect your water supply.
- We'll work with you to make sure your external pipework meets regulations.

## Who can lay my pipework?

- We advise that you appoint a reputable contractor who is familiar with the Water Regulations standards to lay your pipework.
- You can find a list of **approved contractors** at [watersafe.org.uk](http://watersafe.org.uk)

### Quick information

If you use one of our approved contractors, we can move straight to Step 3D: Make water connection. Just send us the certificate provided for your project.



Use this checklist when laying your pipework or show this to your contractor completing the work for you.

# Your pipe laying checklist

Laying your pipework to the location we've agreed with you

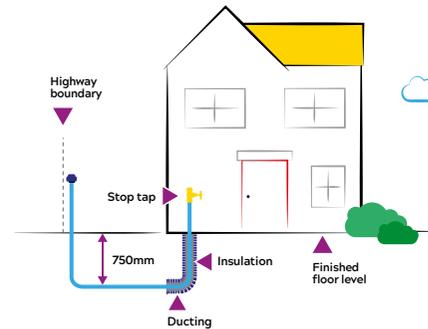


## Important information



If you have difficulty with any of these requirements, call us and we'll be able to help you either over the phone or by coming to see you. **If you're unsure, please don't lay any external pipework.**

## Using your Digital Survey



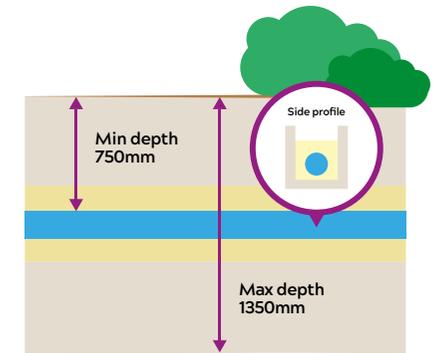
Dig your trench and lay your pipework from your project to the location we've agreed with you in your **Digital survey**. This is normally up to the highway boundary.

Use the right size pipework and material. This information is also provided in your **Digital survey**.

Pipework must comply with Regulation 4 of the Water Fittings Regulations.

[See wras.co.uk](http://www.wras.co.uk) for more information

## Depth

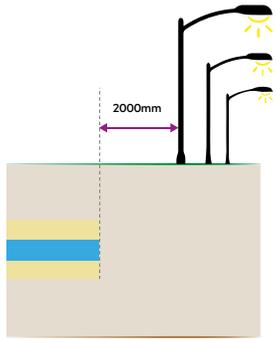


Pipework should be laid at a minimum depth of 750mm from finished ground level (measured from the crown of the pipe)

**Do not lay your pipework more than 1350mm deep.**

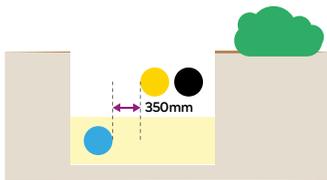
Pipework must be bedded down well for protection. Use sand or a similar suitable material.

## Surrounding area - Street furniture



Pipework must be 2 metres away from street furniture such as lampposts, bins, utilities poles etc.

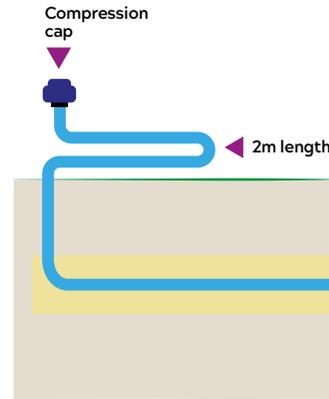
## Surrounding area - Other utilities



Other utilities must be at least 350mm away from the water pipe if they're in the same trench.

## End of pipework

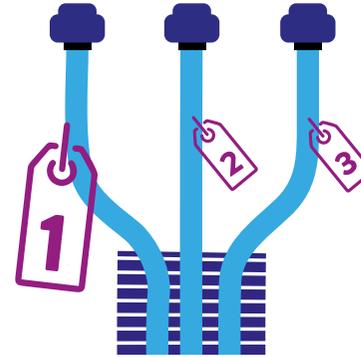
sometimes called tail pipe



Leave at least 2 metres in length of pipework coming up from the ground.

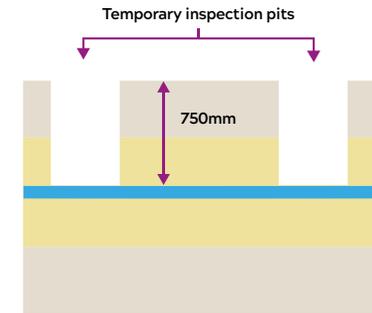
Pipework must be sealed on the end with a compression cap. The compression cap prevents contamination of your pipework or vermin getting inside.

## Labelling



If there are multiple properties, label the pipework to show exactly which property or plot the pipe supplies. Plot number is fine.

## Backfill



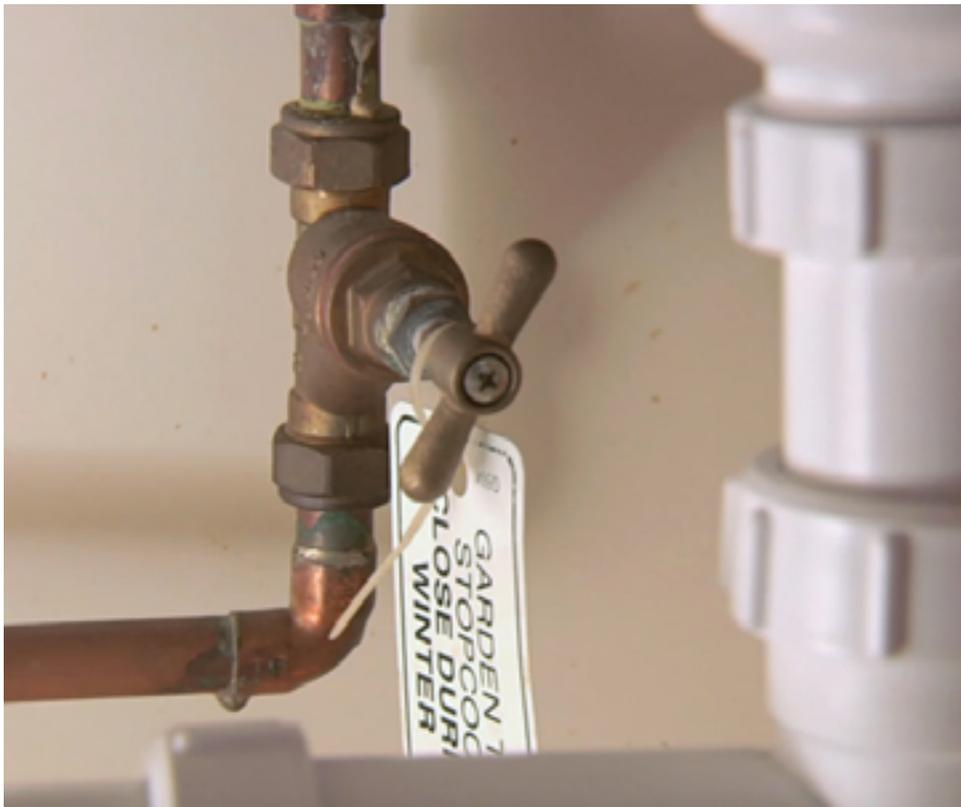
If you plan to backfill your trench, we'll need to see 3 temporary inspection pits to check the depth:

- One close to the point of entry (where the pipework enters the property).
- One in the middle of the run of pipework.
- One close to the end of your pipework.

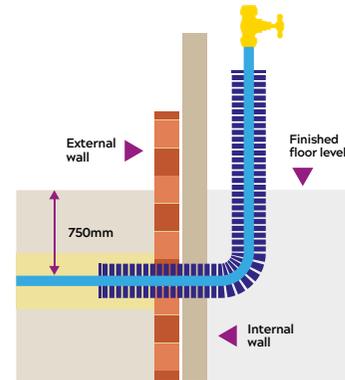
**In longer trenches we need to see additional inspection pits along the pipework run.**

# Pipework entering the property

It's important your pipework enters the property in the correct way. You may need to insulate your pipework as it enters the property, so take note of the special requirements scenarios to see if they apply to you.



## Ducting

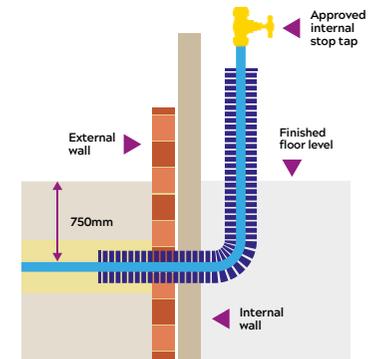


- When the pipework enters the property it must be ducted in appropriately sized ducting.
- Seal the ducting using non-oil based sealant.

## Quick information

You might need to insulate your pipework first before ducting it. We've provided some scenarios on the next page 'Special requirements: insulation.'

## Internal stop tap



- An approved internal stop tap must be installed as close as possible to where the pipework enters the property. This must be above floor level and be easily accessible.

# Special requirements:

## Insulation

If any of the following scenarios apply to you, **insulate your pipework before you duct it.**

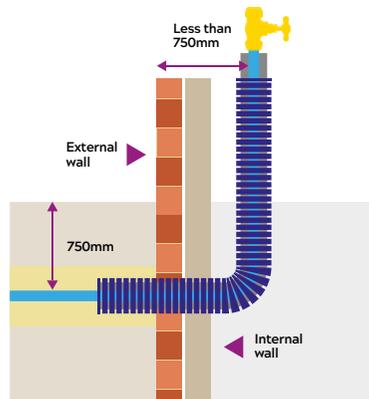
### Quick information

The insulation should be closed cell (waterproof).

Information on insulation can be found at [wras.co.uk](http://wras.co.uk)

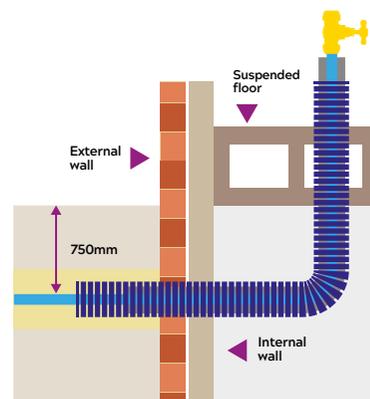


### Scenario 1



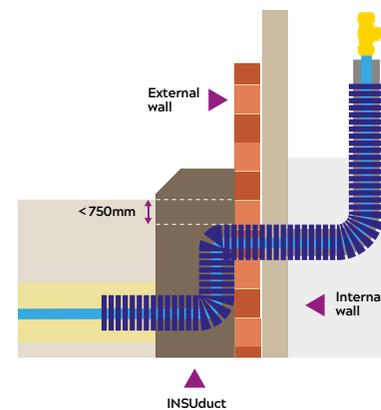
- Your pipework enters the property less than 750mm from the external face of the wall.

### Scenario 2



- Your pipework comes up through a suspended floor (vented or unvented).

### Scenario 3



Your pipework enters the building at a depth of less than 750mm.

WRAS approved products, such as INSUduct, can be used to help insulate pipework entering the property less than 750mm deep.

### Quick information

If you're installing insulation, please don't seal the ducting - we need to check the insulation inside first.



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# For further information

Please contact our water connections team if you have any further questions about how to lay your external pipework.

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