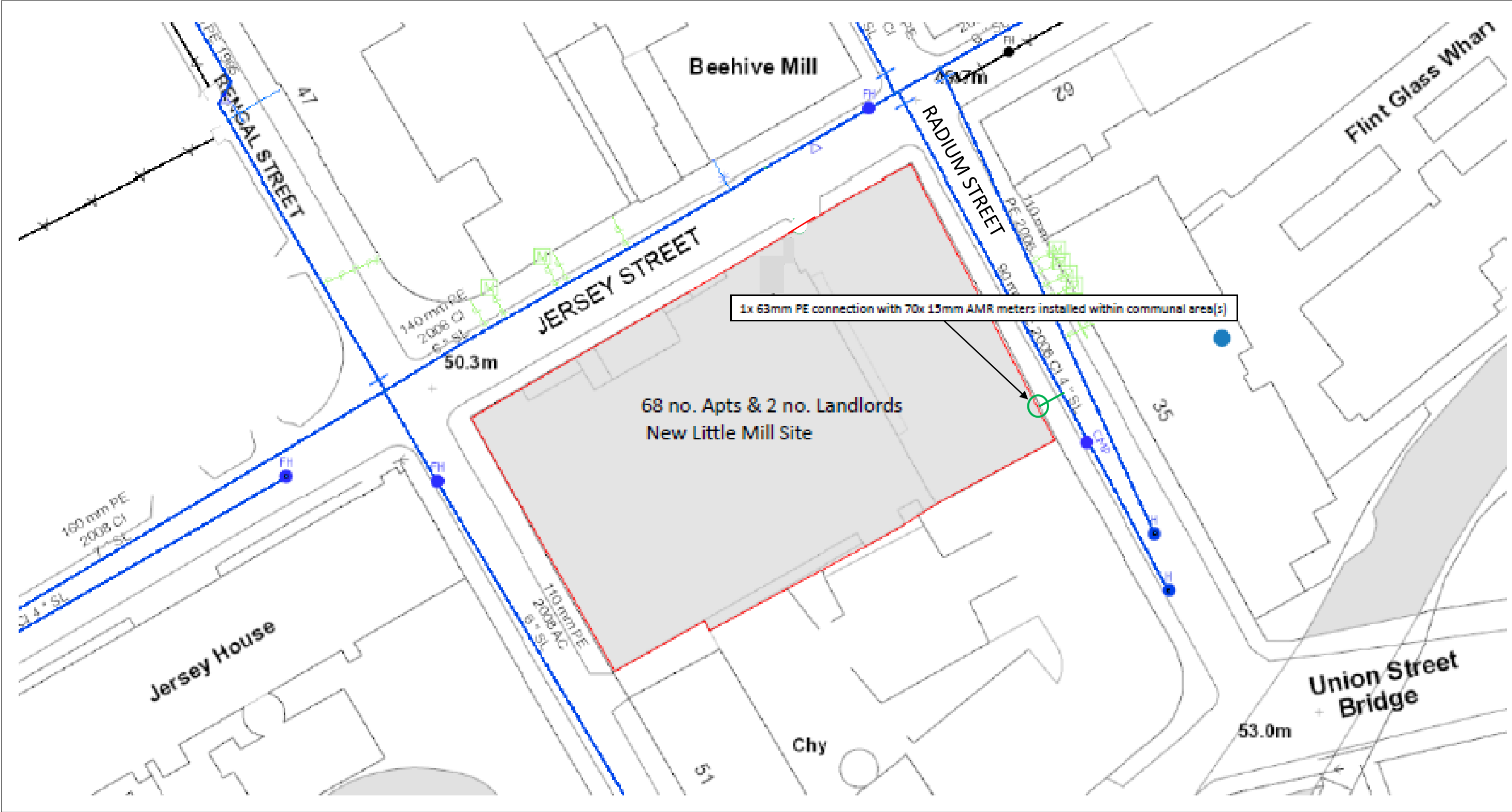




Mains Records Disclaimer

The position of underground apparatus shown on the plan provided is approximate only and is given in accordance with the best information currently available. The actual positions may be different from those shown on the plan and private service pipes may be shown by a blue broken line. United Utilities will not accept any liability for any damage caused by the actual positions being different from those shown.

COPYRIGHT ACKNOWLEDGEMENT

THIS PLAN IS BASED UPON THE ORDNANCE SURVEY MAP BY U.U. WITH THE SANCTION OF THE CONTROLLER OF H M STATIONARY OFFICE. CROWN COPYRIGHT RESERVED. UNAUTHORISED REPRODUCTION INFRINGED CROWN COPYRIGHT.

Laying your new water pipe

Before we can programme any work you must lay your new supply pipe to the highway boundary as shown on the drawing provided. (please provide site with copy of plan)

*If you are laying more than one service pipe please leave a minimum of 350mm between each pipe laid.

*Pipes of all sizes must remain intact and sealed off at boundary with a mechanical watertight stop end and clearly marked or labeled with the number of the property which they serve.

*All work carried out should comply with 'Water Regulations'

*All underground services must be flushed in accordance with BSEN806 & BS8558. An approved stop valve and drain tap should be fitted internally at the point of entry to the building and remain closed after any flushing, testing and disinfection.

Metering (AMR)

Your new connection will have AMR meters fitted (Automated Meter Reader), please refer to the AMR meter diagram on your drawing which provides details on how to configure your pipe work for AMR meter installation.

Please refer to our web page for information on sourcing the materials required

Pipe inspections (63mm & above)

All connections for sizes 63mm and above will require an inspection by a United Utilities Regulations Officer. Please ensure that all pipe work is left visible until a United Utilities inspection has been completed.

* To avoid delays, please phone us when your pipe work is ready to be inspected. You will usually need to give us five working days notice.

* We will not instruct our Field Team to carry out any work without approval by a United Utilities Regulations Officer.

You are also required to pressure test and chlorinate pipe work that is 63mm and above.

* 63mm diameter pipe work (or nearest equivalent) and above are required to be pressure tested and disinfected in accordance with the relevant British standard and the Water Supply (Water Fittings) Regulations 1999.

* The mains water pressure in the United Utilities area varies due to elevation, and daily and seasonal fluctuations, however it is generally between 15m (1.5 Bar) and 60m (6.0 Bar). Due to these variants we request that you carry out the pressure test of your new service pipe to 10 bar pressure for period of one hour (1 hr).

* Certificates confirming a successful pressure test and disinfection must be forwarded to United Utilities at the address below or emailed to water.connections@uuplc.co.uk

For service pipes of 80mm diameter and above, the chlorination certificate will need also to include a satisfactory lab sample result.

* A chlorination certificate only has a validity period of '30 days'. If for any reason the connection is not completed during this time (i.e. pipe work modified after inspection etc) the pipe work will need to be re-chlorinated.

* All underground services must be flushed in accordance with relevant British standard. An approved stop-valve and drain tap should be fitted internally at the point of entry to the building and remain closed after any flushing, testing and disinfection.

*Where pipe identification is required the pipe ID material must be suitable for underground use and should be applied directly to the pipe i.e. must be 'spiralled' around the pipework. This is in addition to any other warning tape laid above the pipe to prevent danger from future excavations

Zone of Interest

Please be aware: This work may be in a "Zone of Interest". United Utilities may need to obtain information from the National Grid on things such as: other utilities in the area, possible underground cables and gas lines. It may result in delays with the work, however you will be advised if this is the case from our field operatives once they receive the work pack from our office team.

LEGEND

- Route of your new pipework
- Site Boundary
- Distribution Main
- Trunk Main
- Comms Pipe
- - - Private Pipe
- ⊗ New Connection Point
- | AC Valve, Open
- ⊘ AC Valve, Closed
- ✱ Stop Tap
- ⊡ Flow Meter
- ⊡ Domestic Meter
- ⊡ Commercial Meter
- ⊡ Hydrant
- ⊡ Fire Hydrant

Backflow Protection

Please note it is the responsibility of the installer, user, owner, or occupier, to ensure the plumbing system complies with The Water Supply (Water Fittings) Regulations 1999. This will usually involve the installation of backflow protection at various points within the premises.

In addition, for non-domestic water use or where the use of the building is unclear at the time of application extra backflow protection is required. Typically, a double check valve is required in a suitable chamber at the boundary, or immediately after the main stop valve inside the premises (risk assessment required). Higher Level protection than that mentioned here may be required if the ultimate use of any premises presents a higher risk.

This also applies to domestic premises with high risk systems such as rain water harvesting. Again, a double check valve should be installed immediately after the incoming stop tap in addition to the other associated requirements for those systems.

Additional servicing valves and drain off points should be installed within the property where applicable and as required by the Water Supply (Water Fittings) Regulations 1999. Please Note: wras approved or equivalent as a backflow prevention device

Private Land

Please bring your pipe out the point indicated. If in order to reach this point you need lay across land which is not under your ownership, you must obtain written permission from the landowner. We will need you to forward a copy of this letter to us. This must cover permission to lay your pipe in the first instance and agreement that the pipe can remain in this land from that point onwards giving access for you to repair and maintain your service pipe.

Traffic Management Act

As of 01st April 2008 The Traffic Management Act came into force, the impact of which may result in an increase of notice periods before we can commence work in the highway.

*We can only give this notice once we have received your 'Request for Work' form confirming you have met all our requirements and are now ready for our contractors to carry out the connection works.

*Time for off-site connections could exceed 15 working days due to restrictions or conditions imposed by local authorities and highway authorities under the traffic management regulations

Break Tank and Pumped System/Storage

If your development is above 2 storeys high we suggest that, in order to provide a suitable water supply to this development you should include a break tank and pumped system. You are also recommended to install storage facilities equivalent to half day's normal usage.

Contact: Stephen Lesser – 0161 602 9254
Developer: Ove Arup & Partners Ltd
Development: New Little Mill Site – Jersey Street, Manchester. M4 6AD.
Work Order: 540000263287
Designer: David Barrow
Date: 15.10.2018
O.S Grid Ref: SJ 85038,98655

United Utilities
helping life flow smoothly

UNITED UTILITIES WATER PLC
DEVELOPER SERVICES
2nd Floor Grasmere House
Lingley Mere Business Park
Lingley Green Avenue
Great Sankey
Warrington
WA5 3LP

