




# 2021 Olalla Water System – Water Main Replacement

As part of the continuing upgrades to the Olalla Water System, the RDOS is completing a design to replace the last sections of original water main, which will complete our rehabilitation of the distribution system. The last sections of water main requiring replacement are the laterals which provide water to the homes on 2nd street to 8th street.



**Map Legend:**

- Water Mains Requiring Replacement 
- Fire Hydrant 
- Valve 

The replacement main will be constructed in the same location and water services will be renewed as a part of the scope of work. The RDOS will work with consultants and contractors to minimize the disruption to residents during construction.

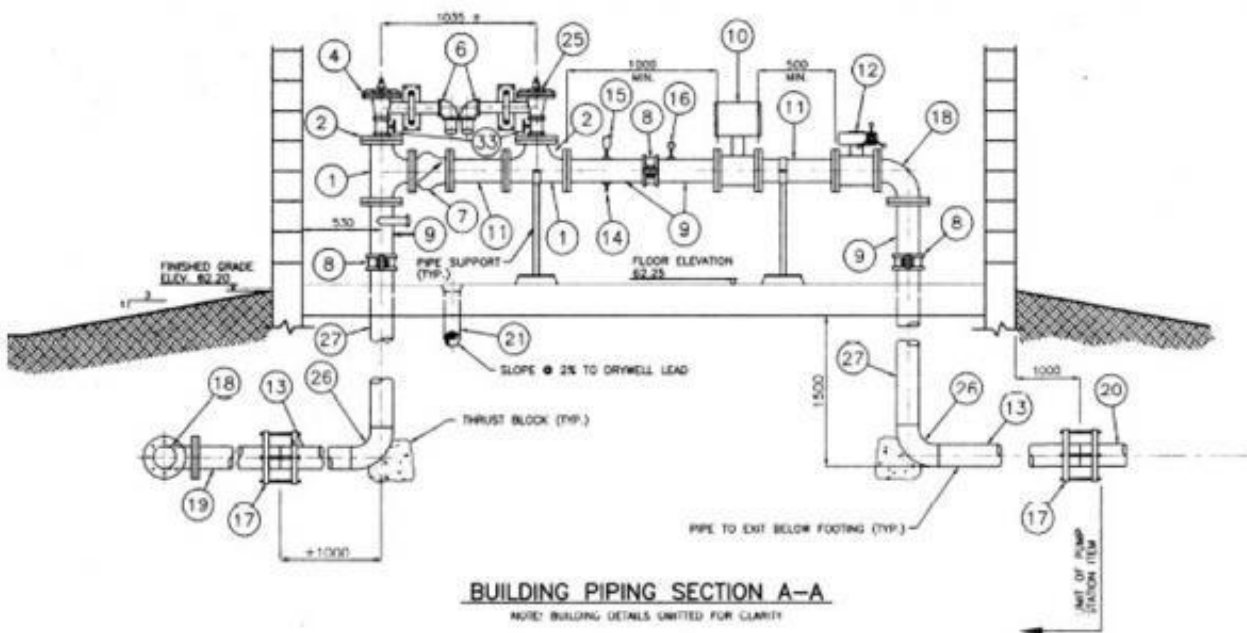
# Header Replacement Work

The header for the water system is a piece of metal water main located in the pump house used to install instruments for water operations and monitoring. The existing header is made out of ductile iron and coming to the end of its lifespan, the header has also started to show signs of wear due to its age. The header is an important component of the water system and any issues or leaks with the header would put the system completely out of commission until it was repaired.

In order to replace the header the Regional District has contracted an experience metal shop to fabricate a 1:1 replacement of the using stainless steel instead of ductile iron, which is a longer lasting and more resilient material less susceptible to corrosion. The replacement project should not result in a disruption to water services, but residents will be informed when works are taking place and will be asked to keep extra water on hand just in case there are issues that arise during the installation.

The installation of the new header is expected to take place in late spring 2021.

## Olalla Header Design



## Existing Header

