

PREVENT SERVICE DAMAGE

32mm Gas Service Damage

Overview

On 05/09/2019 at 14:30 hours during mechanical trench excavation works a 32mm PE gas service was damaged. The area was made safe and reported to the asset owners who carried out the repairs.

Investigation

The investigation identified that the area had undergone a trial hole previously to locate the position of a 32mm PE gas which was shown on the drawings running at a 45° angle towards the curb. This service was not identified during this operation, this was recorded on the trial hole report

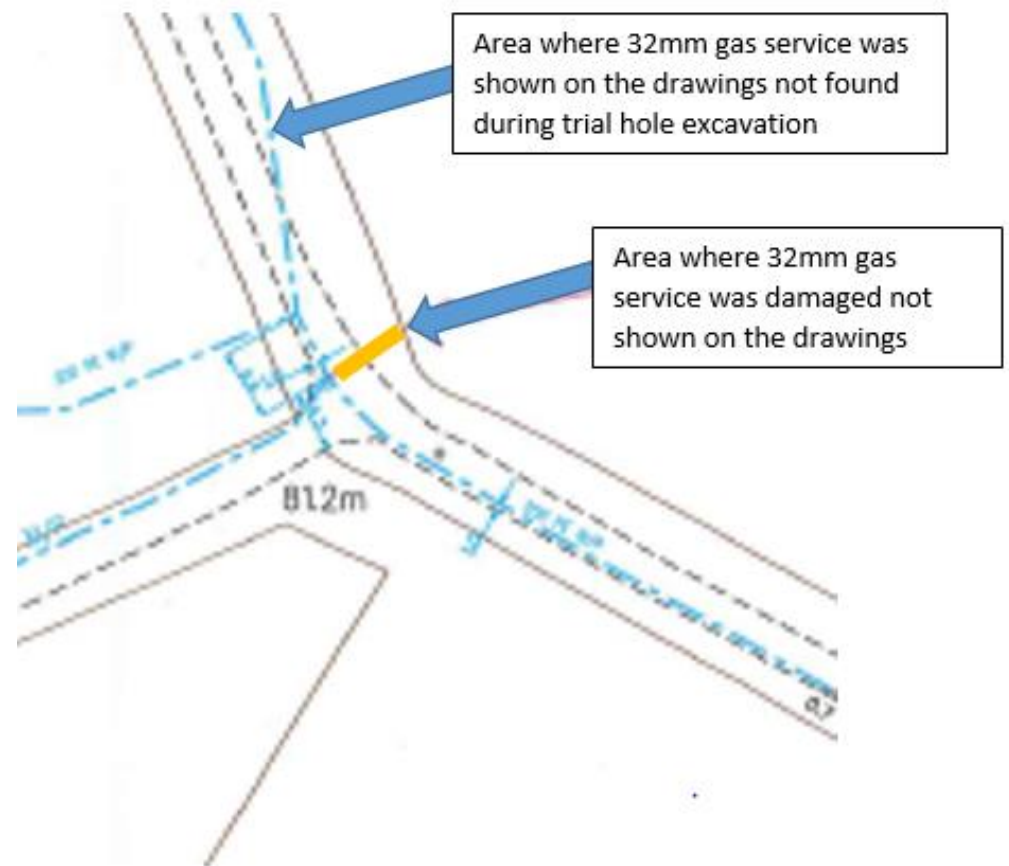
During the mechanical trench excavation works several weeks later a 32mm PE gas service sustained damage . This was located approximately 30 metres from the area shown on the drawings and was running at a 90° angle towards the kerb.

There were no visible signs that a service was located in that area and no building close by . It was observed following the damage that the service did not have a fine fill material or marker tape cover.



Controls in Place

Controls in place consisted of a risk assessment, POWRA, desk top survey, trial holes, permit to dig, banksman and use of a CAT4 & genny prior to and through out the dig



ACTION TO PREVENT REOCURANCE

1. Always use utility drawings as guide only
2. If an assumed utility is not located during trial holes consider the following –
 - a) Additional trial holes
 - b) Use of GPR
 - c) Services usually run at 90° angles from the main
 - d) Report details to the asset owner for guidance