



## Completion Report

**Bramcote School, Derby Road, Bramcote, Nottingham NG9 3GD**

### Water meter details

Size (mm)	15-28	✓	32-50		75-100		125-200		Above 200mm
Serial number	07AC009820								
Meter Reading (after leak repair)	59258.930				Time:	11:45 28 November 2015			

### Repair Activities

The water leak on the 3" pipework supplying Bramcote School and Foxwood Academy was repaired on Saturday 28<sup>th</sup> November 2015 following a staged process:

1. Saturday 21<sup>st</sup> November: Valve inserted on 3" pipework to confirm volume of leakage in substation and to inspect pipe to check if suitable for sliplining.
2. Friday 27<sup>th</sup> November: Trial excavation to locate pipework in substation grounds at a suitable point to enable sliplining from new valve location in Bramcote School fields.
3. Saturday 28<sup>th</sup> November: Cut 3" main in both locations and insert approximately 30m of new 50mm MDPE pipework under substation. Connect up at both ends and flush water through at fire hydrant points outside Bramcote School and Foxwood Academy.

Once the flushing was completed, the meter was checked and found to be almost stationary. The slight movement may be due to urinal tanks filling in the schools and small pockets of air still remaining in sections of the pipework.

Prior to the leak repair, the meter was checked and found to be recording water consumption at a rate of 45 litres per minute (64m<sup>3</sup>/day).

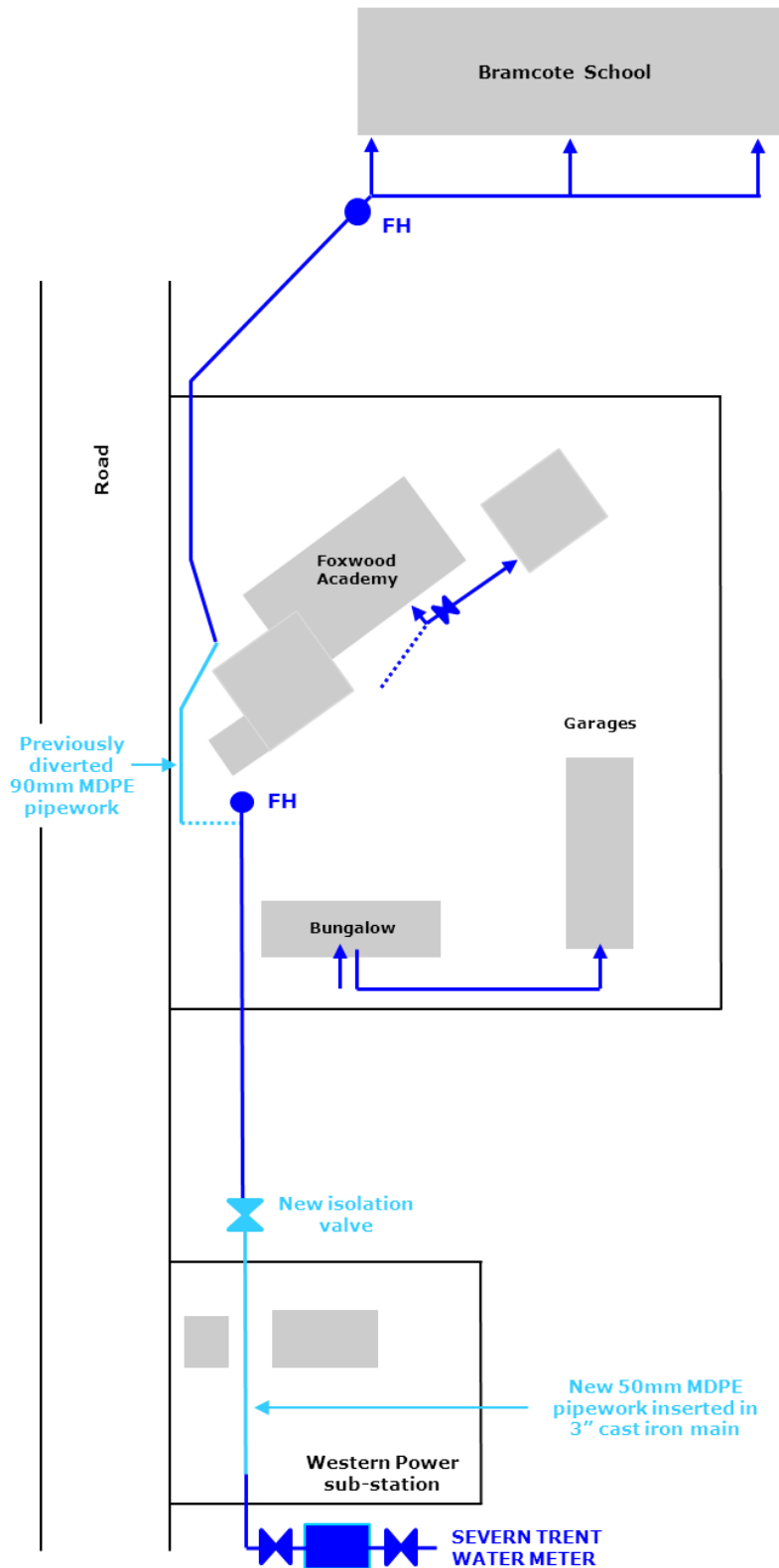
#### Meter Readings

<b>59258.930</b>	11:45	28 November 2015
<b>59278.431</b>	10:00	01 December 2015

From the meter readings taken just after the work was carried out and at 10am on 01 December, nearly 20 cubic metres of water had been used. This is in line with what a secondary school and academy would likely use in just over a day.

# Bramcote School Nottingham – Drawing of Completed Work

28 November 2015



## Photographs



Leak rising through ground



New connection in substation land



New isolation valve outside substation



Line of main looking away from A52



Water meter reading after repair



Reinstated excavation

**Savings £57,000.**