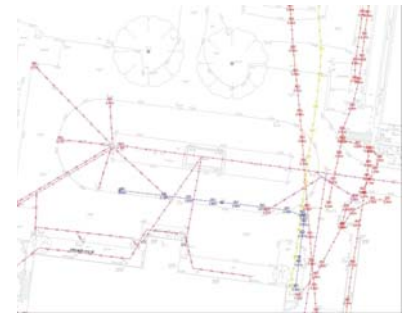


### PROJECT

MAPLE LODGE WWTW  
RICKMANSWORTH

### PROJECT OVERVIEW

LOCATION OF ALL SERVICES WITHIN MAPLE LODGE WWTW AS PART OF THE CHP REPLACEMENT WORKS. ALL SERVICES IN AN AREA OF 53,000M<sup>2</sup> WERE TO BE LOCATED AND MAPPED AS PER THE CLIENT SCOPE, THIS WAS MADE ESPECIALLY DIFFICULT WITH THE ABSENSE OF UP TO DATE PLANS.



### CLIENT

THAMES WATER

### PROJECT HIGHLIGHTS

PRECISION UTILITY MAPPING WERE SELECTED TO PERFORM A TSA LEVEL 4 SURVEY OF THE AREA. ASSETS WERE MAPPED IN THE FIELD USING GLOBAL POSITIONING SYSTEM (GPS) AND ADDED TO A TOPO DRAWING TO ALLOW FOR THE DESIGN OF A CHP PLANT ON SITE

### PROJECT TYPE

EML  
GPR SURVEY  
RTK GPS

### REAL TIME KINEMATIC (RTK) GPS SURVEY

A GLOBAL POSITIONING SYSTEM (GPS) SURVEY WAS PERFORMED TO RECORD THE LOCATION OF ALL UTILITIES.

### QUALITY ASSURANCE

OUR SURVEYORS APPLIED QA/QC PROCEDURES TO THE SURVEY DATA TO ENSURE THAT THE TARGETED ACCURACY WAS BEING ACHIEVED.

