



## CASE STUDY: NAZARETH HOUSE (HAMMERSMITH)

As part of the Counters Creek Flood Alleviation Scheme Falco were contracted by MGjv to provide a solution to ongoing basement flooding at the Nazareth House Care home.

We carried out pre-construction surveys of the existing drainage systems and also commissioned a Ground Penetrating Radar survey of the site to locate existing services to inform the initial design. We worked collaboratively with Thames Water and their professional team to devise a robust solution which involved the installation of a new FLIP chamber and the construction of 70 metres of new 225 diameter sewer and eight new manholes.

We excavated to 4 metres through the main access road adjacent and hand-dug the installation in the basement of the care home which also involved the construction of an eight-metre heading (hand dug timber-framed tunnel) to facilitate the connection beneath its foundations.

Working closely with the care home management our team were able to minimise disturbance to its normal operations. We provided additional temporary parking and security to enable alternative access via the rear of the property during the works. Also, the installation of a new sewer and connecting manhole in the ornate gardens at the back of the property proved challenging.

We installed a temporary roadway to protect the existing footpaths and grassed areas from potential damage by heavy plant and reinstated the garden back to its original state upon completion.

Sector: Water

Client: MGjv

Duration: 10 weeks

Completed: Mar 2020

Value: £400k

Location: London W6

Falco discharged their duties at Counters Creek with great care and professionalism. Their multi-disciplined team seamlessly accommodated fluctuations in programme and unexpected challenges that occurred during the project

**Kevin Parcell, Contract Director, Morrison Utilities Services**

