

Outline Case Study



Site: 10 Weymouth Street, London W1

Remit: Ridgeford properties are extending the existing building, known as 10 Weymouth Street, which consists of 19 high specification rental apartments over five floors and 4,004 sq ft of office space. They are adding to the existing building adding a 6th floor and by extending to the rear of the site towards Bridford Mews to create a further 1,500 sq foot of office space at ground level. The rear of the site, which overlooks RIBA head office and its restaurant terrace is to be clad in brass and features glass bay pods to maximise light and space.

The development aims to include a range of environmental features including a meadow roof and a ground source heat pump to provide simultaneous heating/cooling.

Solution ISO Energy has been commissioned to drill one 113 meter abstraction borehole and a 113 meter reinjection borehole into the London aquifer to provide an open looped energy source for the Waterkotte DS 5110.3 series heat pump.



Borehole drilling

