

The Proposal

The proposed data facility will include four buildings: two data facility buildings, a gatehouse and an electricity sub-station. Both two storey data facility buildings will be up to 212m long, 70m wide and be up to 24m high. The single storey gatehouse will be 11m by 21m by 4.5m high. The dedicated sub-station is up to 50m by 60m.

Both data facility buildings will run parallel to the railway line. The office element of both data facility buildings will face the Yewtree Avenue entrance.

The building closest to Foxlands Lane will have its emergency plant on its southern side and the building near the railway will have it as internal and rooftop plant. Acoustic screening of all plant has formed an integral part of the design of both buildings.

Both data facility buildings and the gatehouse will have roof top PV cells. Together these will generate up to 1.7MWh of power from almost 4,000 cells in what is the largest single solar facility in the Borough and the largest new bespoke roof top array in the Capital.

Figure 5: Access plan



The main access to the site for staff and deliveries will be from Yewtree Avenue. The Dagenham Road access will only be used for visitor parking and occasional maintenance access to electricity sub-station. The site will be permanently staffed with employees who work shifts so the facility operates at all times.

This part of the Sanofi-Aventis site was previously allocated 149 car parking spaces by the Council. 59 of these are on the site and the remainder are on the northern side of Foxlands Lane. All of the parking spaces will be provided with electric charging points.

Figure 6: CGI of the completed Data Facility

