

Forest Road Estate, Browells Lane, Feltham Sustainability & Energy Statement



To demonstrate sustainable design the proposed development shall, as a minimum:

- Achieve a BREEAM 'Outstanding' rating
- Achieve EPC A+ Net Zero Carbon emissions through the use of on-site Low or Zero Carbon (LZC) energy sources.

The development will seek to incorporate the following key features to achieve the above.

Energy Conservation

- Increased levels of building insulation
- Air-tight construction
- Solar control glazing
- Rooflights for natural daylighting
- High efficiency air-source-heat-pump heating & cooling to the office areas
- High efficiency heat recovery ventilation to the office areas
- High efficiency LED lighting with occupancy sensing and daylight dimming controls
- Enhanced sub-metering to facilitate monitoring & targeting
- Roof mounted PV systems

Water Conservation

- Mains water leak detection
- Automatic sanitary shut-off valves
- Low water use sanitary fittings

Sustainability

- Electric vehicle charging points

