

1781 PA01 The Pearl, Lower End, Leafield

WODC Sustainability Standards

**A - Net zero carbon**

Has the building fabric been designed to standards of ultra-low energy demand? No

Has thermal comfort and the risk of overheating been assessed and passive design measures been prioritised? No

Is the development fossil fuel free? Heating to be fed from an air source heat pump, electrically heated hot water.

Does the development achieve a net zero operational carbon balance and deliver 100% of energy consumption using renewables? No

Have embodied carbon emissions been minimised? No

**B - Travel**

Is home working supported? Not specifically

Has active travel been prioritised? No

Is shared mobility facilitated? No

Has electric vehicle charging infrastructure been provided? It will be in accordance with the Building Regulations Approved Document to Part S.

**C – Water**

Will water consumption be minimised? In accordance with the Building Regulations Approved Document to Part G.

Will water be conserved through rainwater harvesting or grey water recycling? No

Has the flood risk assessment accounted for climate change and sustainable drainage proposed? N/A

**D – Waste**

Is the construction company registered with the Considerate Construction Scheme? Not yet appointed

Will a Site Waste Management Plan be followed and targets set for construction waste recycling and disposal? Yes

Will there be safe and convenient access for waste recycling? Yes – see drawing 1781\_202

#### **E – Biodiversity**

Has a Biodiversity Self-assessment Form been submitted? Yes. Bat & bird boxes to be integrated into new-build dwelling – see drawing 1781\_205

Has an Ecological Impact Assessment (EclA) report and checklist been submitted? No

Will a European site be affected? No

Has a Biodiversity Net Gain (BNG) Design Stage Report been submitted? No

Will the wider environmental benefits from nature be maximised? Not yet assessed.

#### **F - Voluntary standards**

Will non-domestic development be BREEAM certified? N/A

Will the development receive a sustainability accreditation and/or follow recognised sustainability principles? No

#### **G - Only for development affecting heritage assets or traditional buildings**

Have the heritage value of the building(s) and impact on any heritage asset been appropriately assessed? Yes – see Heritage Statement

Is a 'Whole Building Approach' being taken? Yes

Have you considered whether your proposal adheres to Responsible Retrofit measures? No