

38 Folly View Road  
Faringdon  
Oxfordshire  
SN7 7DH



Property and Energy  
Services Ltd.

Date: 07/08/2020

Re Sustainability and Carbon Dioxide saving at Henley Road Phase 2 site

Application 200619

This is a summary of the main steps being taken to meet the Reading Policy guidelines.

#### Energy

Six of the houses will have a 1.22kW solar PV array on the roof to the rear. This will generate a 19.5% reduction in CO<sub>2</sub> from the current building regulations requirement.

The combined DER for the site is 100.95 Kg Co<sub>2</sub>/year

The Regulations TER for the site is 125.38 Kg Co<sub>2</sub>/year

The reduction is therefore 19.5%

See attached spreadsheet showing the DER and TER from the design stage SAP reports under Part L1A Building regulations. and a Block compliance report to show the DER and TER for each plot.

#### Water

Through a combination of water saving appliances, low flow showers and flow restriction discs for taps, the calculation shows how the houses will achieve the higher standard of 110 lpppd of water usage - the proposed usage is 109.21 lpppd.

Ian Lloyd  
Director  
Elmhurst Assessor H044-0001