Sustainability Statement 74 Brighton Road, Lancing.

The proposed dwellings have been designed to reduce energy and fuel demand through several construction methods and designs. Including basic design principles such as limiting heat loss and gain along with several other principles listed below.

CONTINUITY OF INSULATION AND THERMAL BRIDGING The building fabric is to be constructed so that the insulation is reasonably continuous across newly built elements. U-values of fabric elements are to be compliant with Part L of the building regulations. The homes are to include installation of new double glazed windows with trickle vents and adequately openable areas to achieve the requirements of purge ventilation in line with current building regulations.

CONDENSATION Walls, floors and roof of the building to be designed and constructed so that their structural and thermal performance will not be adversely affected by interstitial condensation, surface condensation or mould growth.

SOLID WASTE STORAGE (REFUSE) Bin storage to be in accordance with BS 5906:2005 Code of Practice for waste management in buildings to ensure that there is suitable spaces/enclosures for bins.

HEATING Underfloor heating to be used to maximise efficiency. Installed by a Gas safe registered engineer in accordance with Part L and Part H requirements.

EV CHARGERS – Each property is to have 1 new electric car charger installed.