Planning and Design Statement - Proposed Electric Vehicle Rapid Charging (EVRC) Points

Submission - April 2019

The Longshore Public House, Shoreham-by-Sea, BN43 5LD

Introduction

This Statement is prepared in relation to a Planning Application for the installation of 2 x Rapid Chargers for Electric Vehicles within the Marston's Longshore Restaurant and Public House car park. The EVRC's will facilitate rapid charging in a convenient and accessible location thereby supporting the increased use of electric vehicles.

The installation is part of a wider programme of introducing EVRC car parks within the UK to support the Government's Road to Zero Strategy and thereby "supporting the development of one of the best electric vehicle infrastructure networks in the world".

In addition to this statement, the application submission comprises:

- Application Form
- Site Location Plan
- Proposed Detail Drawings

Proposal

The proposed development comprises the installation of 2 x EVRC points within existing car parking spaces.

The EVRC units are easy to install DC rapid chargers for electric vehicles. Rapid chargers are electrical installations with high electric currents, therefore requiring specialist equipment and expertise to install. The units are designed to provide flexibility to support charging of current and future generation electric vehicles.

The EVRC unit comprises an upright all-weather steel enclosure. Stainless steel bollards will be installed to protect the chargers from vehicle damage. As part of the installation, there will be the requirement for a power feeder pillar.

Assessment of Planning Issues

The EVRC's will support the shift towards the use of more sustainable electric vehicles versus traditional internal combustion engine vehicles therefore supporting a reduction in associated emissions and contributing to planning policy objectives.

The proposed units support rapid charging thus reducing the problems of long charging times and range issues associated with early generation electric vehicles.

The EVRC units are of a functional and appropriate design in the context of their location within an existing car park.

The units will make use of existing standard car parking bays and will not result in a reduction in overall car parking levels.

The units will not have any discernible impact on the amenities of neighbouring uses.