

Design and Access Statement for Rose Cottage, Foxt Road, Foxt, ST10 2HN

This Design and Access Statement supports the application for the installation of roof-mounted solar photovoltaic (PV) panels at Rose Cottage, Foxt Road, Foxt, ST10 2HN. The proposed development involves the installation of 12 solar panels to generate sustainable electricity for the property, reducing its carbon footprint and reliance on grid-supplied power

Part 1 Design

Use

The sole purpose of the proposed development is to generate renewable electricity for Rose Cottage, contributing to a more sustainable energy future for the property.

Amount and Layout

A total of 12 solar panels are proposed for installation on the garage roof slopes. The panels will be mounted, 6 panels on the front elevation and 6 panels on the rear elevation ensuring optimal sunlight exposure for energy generation. The battery and all ancillary equipment will be sited inside the garage.

Scale

The scale of the installation is appropriate to the size of the dwelling, being mounted directly onto the existing garage roof structure. The specific solar panels are Eurenor 475 watt which has a standard residential panel size. The panels will lie as flush as possible with the roofline, minimising visual intrusion and maintaining the integrity of the garage's appearance.

Appearance

The solar panels will be dark in colour, typically black, to blend effectively with the existing roof tiles and overall aesthetic of the garage. They will have a low-profile mounting system. The panels are designed to be non-reflective to minimise any potential glare issues to neighbouring properties or road users.

Part 2 Access

Site and Context

Rose Cottage is a residential dwelling located on Foxt Road in Foxt. The surrounding area is primarily residential and rural in character. The solar panels will be situated on the roof of the garage, meaning the proposed development will not affect existing vehicular or pedestrian access to the property or to the surrounding public areas. The installation is entirely contained within the curtilage of the property.

Construction and Maintenance Access

Access for the installation will be managed entirely from within the property's boundary, typically involving temporary scaffolding and the use of the driveway or garden for material storage and equipment staging. Standard health and safety measures will be implemented during the construction phase. Once installed, the system requires minimal maintenance, which can be conducted using standard access equipment such as ladders or a cherry picker, ensuring no long-term disruption to neighbouring properties or public access routes.

Conclusion

The proposed installation of 12 Eurenor solar panels at Rose Cottage, Foxt Road, Foxt, ST10 2HN is a well-considered and sensitively designed development that meets the homeowner's desire for sustainable energy generation. The design prioritises minimal visual impact through careful placement on the garage roof and the use of low-profile, dark-coloured panels. Access requirements for installation and future maintenance are temporary and will not negatively impact the locality.