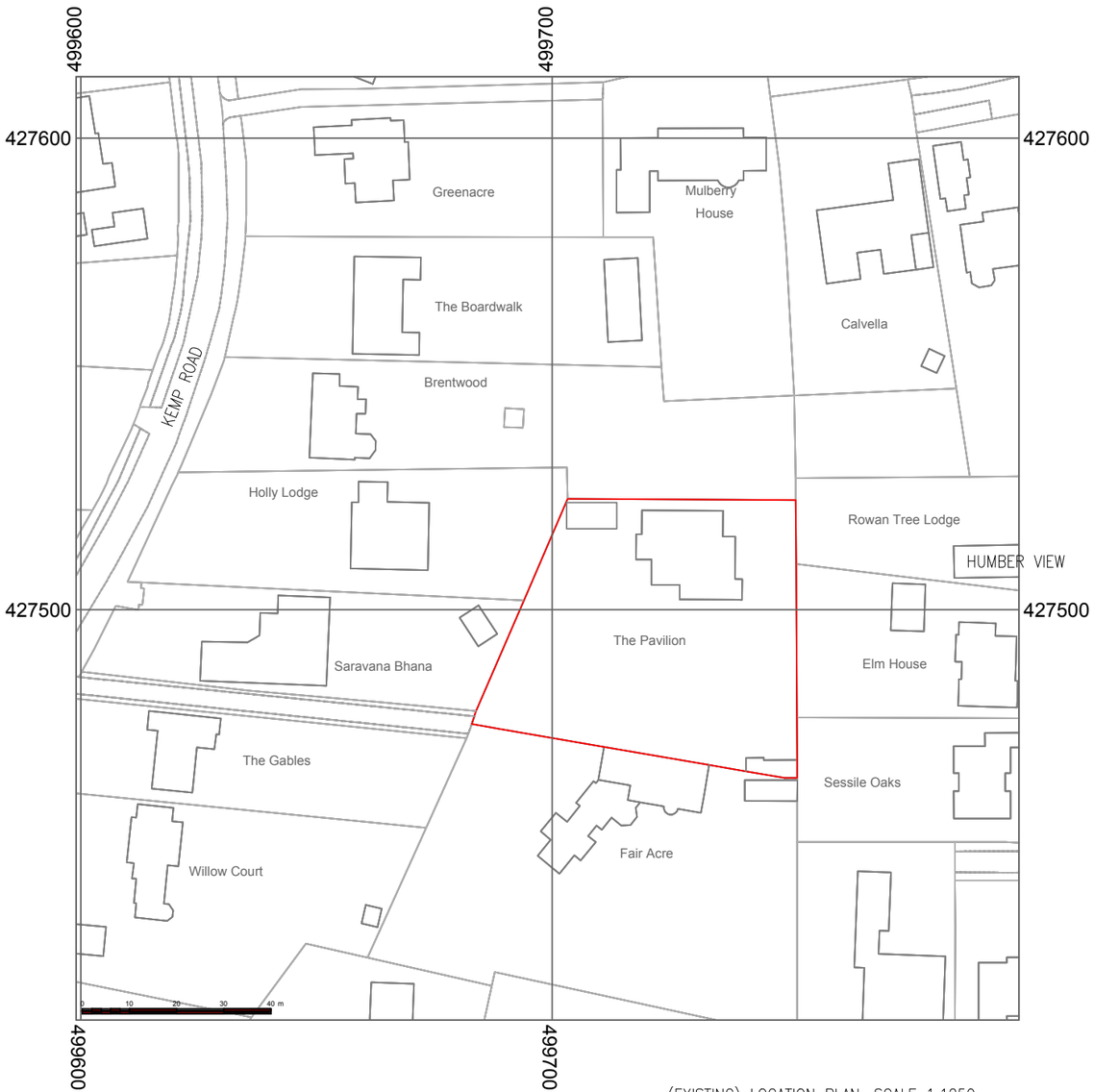

(EXISTING) LOCATION PLAN; SCALE 1:1250

N

Scale Bar

0 1 12.5 25 50 75 100 125 Metres

SOLAR ELECTRIC (PHOTOVOLTAIC)

Installation to be in compliance with all manufacturer's details and specifications, the British Standard Approved Document for Photovoltaic (PV) and BS EN IEC 61730

Installation must not impair the weather tightness of the roof. All penetrations through the roof to be weatherproofed and covered with suitable flashings, purpose-made tiles, etc.

Installation to have sufficient resistance to wind suction forces for the location. The installer to calculate the wind loads for the location (taking into account the local wind speed, site altitude and topography, building height and roof configuration) and choose components or kits with a declared wind resistance that exceeds those wind loads.

The roof structure to be designed to accommodate the load of the collectors, advice of a structural engineer to be sought if required.

All penetrations to be weatherproofed through the roof covering with suitable flashings, purpose-made tiles, etc

All components to have adequate resistance to the external spread of flame in compliance with Part B4 of Approved Document B.

Ensure the panels are not fitted in the shadow of overhanging branches, a chimney or aerial.

For the installation of a grid-connected system, the local Distribution Network Operator (DNO) will need to be notified if the system output exceeds 16A per phase (Engineering Recommendation G83/1).

An electrical fused spur outlet will normally be required. Pumps and controls should be located so that they are accessible for maintenance.

Solar electric panels should be inclined as steeply as possible to ensure that rain and dirt run off quickly.

Ventilation to be provided around the inverter and control equipment.

Fix permanent labels to wiring, junction boxes, etc.

Ensure that the system is commissioned properly and test for correct operation.

Provide operating instructions and maintenance recommendations for the homeowner.

An EPC to be provided with Feed-in Tariff (FIT) application showing the energy efficiency of the building.

System to be commissioned and tested for correct operation in accordance with the MCS 012 standard.

All electrical work to be undertaken by a Part P registered Electrician i.e. NAPIT, ELECSA and NICEIC.

PROPOSED EXTENSION at THE PAVILION, KEMP RD, SWANLAND

PLANNING APPLICATION PLAN NO. 9 OF 10; REF: PL9

LOCATION PLAN; SCALE INDICATED @ A3 SEP 23

APPSCERT LTD