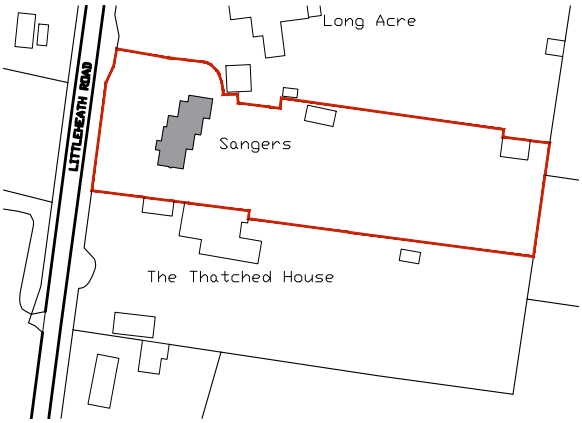
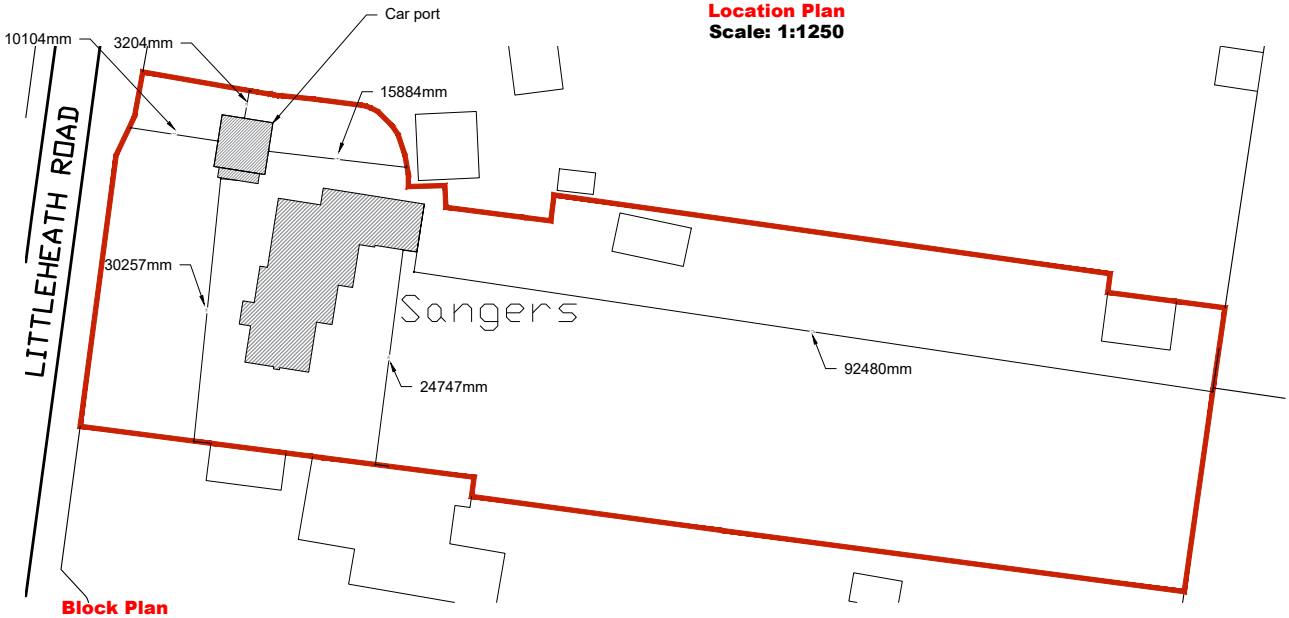
Ceiling Height

C
OUND LINE





Location Plan
Scale: 1:1250



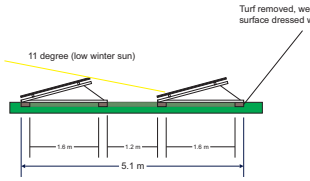
Block Plan
Scale: 1:500

Project: Priestley
8/03/2023
Ver 1

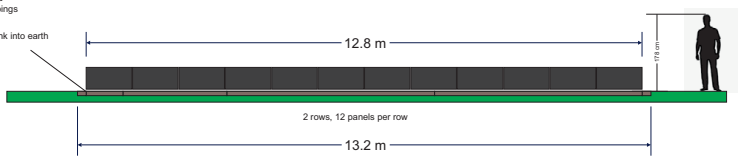
24 x 370W JA Solar panels
Array 8.88kW
Solis 8kW 3-ph inverter + GivEnergy AC coupled inverter + 9.5kWh battery
DNO permission required due to existing PV taking site above 11kW

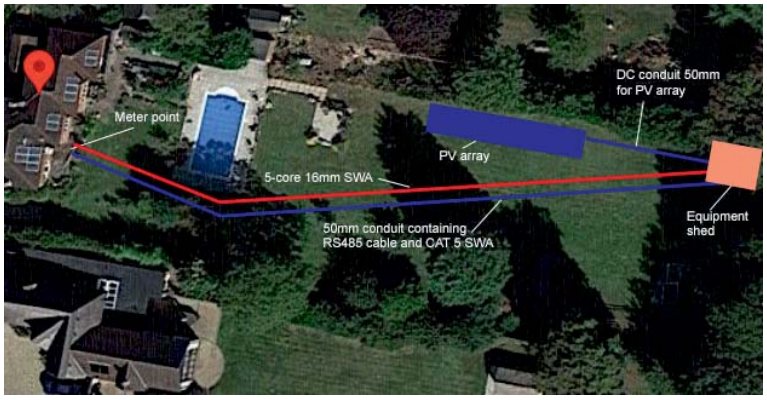
Sussex solar
Renewable energy experts

East elevation view



South elevation view





Prepare trench 150mm x 400mm deep and install:-

1 - 16mm 5-core armoured cable from PV array to home meter point/consumer unit
2 - 50 mm flexible conduit containing the following comms cables
  a - Duct grade CAT 6 cable (CEF stock code: 2019-3169)
  OR
  a - Armoured CAT 5 cable (TLC stock code: CA CAT5E/SWA)
  b - Duct grade RS485 cable (CEF stock code: 0138-6895)
3 - 50mm flexible conduit from PV array to shed (we will supply and install specialist cable)

Note:-

The trench path shown approx 86m with a margin 100m roll should be sufficient
(depending on actual route to be taken). Dig trench and measure distance before purchasing cables.
Please provide LAN connection socket connected to your router
next to the consumer unit in the cupboard to provide internet connection for the PV equipment
in the garden shed.