

Pythouse Farm – Ground Mounted Solar Array Construction Phase Plan (CPP)

Project: Ground-Mounted Solar PV Installation

Location: Pyt House Farm, Wiltshire

Date: 27.02.2026

Revision: 1.0

1. Project Description

The project involves the installation of a ground-mounted photovoltaic (PV) array at Pythouse Farm including:

- Support structures and PV modules
- Inverters and cabling
- Fencing and security
- Foundations constructed using a small tracked excavator to auger holes, filled with site-mixed concrete
- Commissioning of the complete system

Key Emphasis: Safe, controlled access for deliveries via the existing farm access, avoidance of the western road, protection of chickens, and safe execution of foundation works.

2. Health & Safety Objectives

- Safe access for deliveries and personnel
 - Highway access **via existing farm access** only
 - No access from the road to the west of the site
 - Protection of chickens and avoidance of livestock disturbance
 - Safe operation of tracked excavator and handling of wet concrete
 - Zero reportable injuries
 - Compliance with CDM 2015, BS7671, and manufacturer instructions
-

3. Project Programme & Phasing

1. **Mobilisation & Site Setup:** Establish approved site access, temporary laydown zones, signage, and welfare facilities.
2. **Ground Preparation & Foundations:**
 - o Auger foundation holes using a small tracked excavator
 - o Fill holes with site-mixed concrete
 - o Allow concrete to cure to design strength before mounting structures

3. **Mounting Structure Installation:** Sequential delivery of rails and PV modules.
 4. **Module Installation:** Avoiding areas occupied by chickens.
 5. **Electrical Works:** Install cabling and inverters, connect to grid/consumer unit.
 6. **Commissioning & Testing**
 7. **Handover & Demobilisation**
-

4. Site Access & Materials Management

4.1 Access Routes

- All highway access via the existing farm access.
- No access from the lane to the west of the site is permitted.
- Delivery of ground mounted frames will be on a single flatbed articulated lorry
- PV panels will be in one delivery of a 40ft container
- Vehicle speed limited to 5–10 mph

4.2 Delivery Scheduling

- Deliveries of PV modules, rails, and electrical equipment.
- Concrete materials delivered via tracked excavator-compatible routes.

4.3 Materials Storage & Laydown Areas

- Designated zones for modules, rails, and concrete materials.
- Areas marked and secured, away from chicken enclosures.

4.4 Handling & Movement

- Small tracked excavator used for augering foundations.
- Wet concrete handled safely using tracked excavator.
- Mechanical handling for modules and rails; manual handling limited.

4.5 Temporary Measures

- Heras/staked barrier fencing to exclude livestock from site.
-

5. Risk Management & Control Measures

Hazard	Controls	Notes
Vehicle collision	Banksman, exclusion zones, high-vis PPE	Applies to all deliveries
Track damage	Reinforcement, temporary matting	Maintain farm operations access

Hazard	Controls	Notes
Material collapse	Pallet stacking, mechanical lifting	PV modules and rails
Manual handling	Team lifts, lifting aids	During module/rail handling
Electrical hazards	Lock-out/tag-out, qualified electricians	DC/AC works
Livestock disturbance	Restricted zones, biosecurity protocol	Chicken enclosures protected
Access from prohibited western road	Signage and site induction	Strictly enforced
Highway access	Existing farm access only	Monitored by Site Manager
Augering & concrete	Operatives trained, barriers around excavator	PPE, safe mix handling, clear communication

6. Traffic & Logistics Management

- All deliveries and site access from the highway will be via the existing farm access.
- Lane to west of site is strictly prohibited.
- Laydown zones established near installation points.
- Banksman present during deliveries, tracked excavator movement, and unloading.
- Heavy vehicles scheduled to avoid farm activity peaks.



Drop off/turning area for material deliveries



Farm entrance from adopted highway



Access route to site

7. Environmental Management

- Waste segregated and removed promptly.
- Noise restricted to daytime.
- Protect vegetation near chicken enclosures.

8. Site Security & Biosecurity

- Fencing of laydown and installation areas.
- Chicken enclosures designated as exclusion zones.
- Personnel briefed on biosecurity protocols.
- Signage for vehicle exclusion zones and hazard warnings installed.

9. Completion & Handover

- Remove temporary access measures and inspect farm tracks.
 - Chicken enclosures fully secure after demobilisation.
 - Provide as-built drawings, O&M manuals, and commissioning certificates.
 - Client training delivered.
-