

Enborne Community Solar Farm

2MW Solar Farm

- Community owned site
- Held in trust through Poor's Allotment Charity and Enborne Parish Council
- Community owned farm proposed

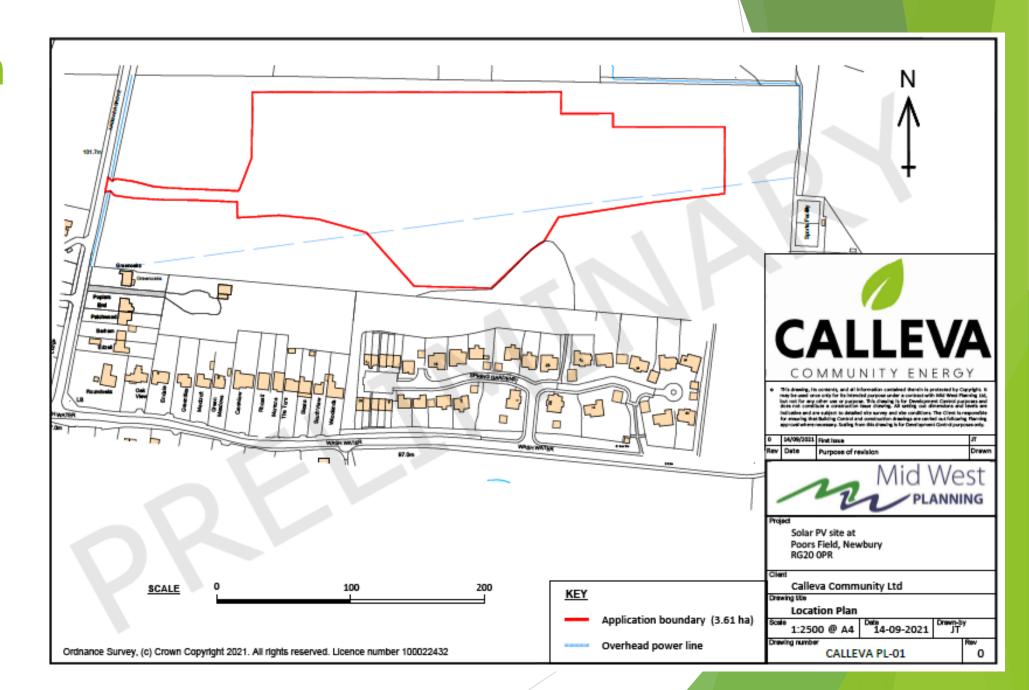
Solar Farm Community Benefits

- > 2,500,000 kWh clean energy generated per year
- Over 450 tonnes of carbon emissions saved per year
- > Equates to electricity supply for c.700 average UK homes
- Or c.240 average UK homes including air source heat pumps and 10,000 miles electric car charging each year
- Leads to an increase in biodiversity and abundance -broad leaved plants, grasses, butterflies, bumblebees and birds (Westmill Solar Farm research 2016)
- Adds to local energy security
- Provides active learning environments for local schools and college students

Calleva Community Energy

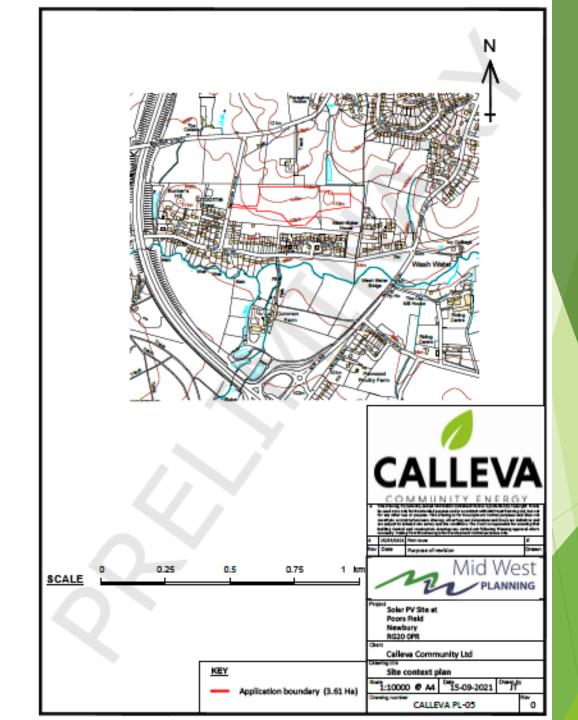
- > A not for profit community energy hub
- Founded in the heart of Calleva Park, Aldermaston, Berkshire
- Our portfolio community owned renewable energy, including rooftop solar and small solar farms
- We invest our surplus improving energy efficiency and cutting carbon emissions amongst our partners and our community
- We are passionate in our ambition to help our community reach net carbon zero.

Location Plan

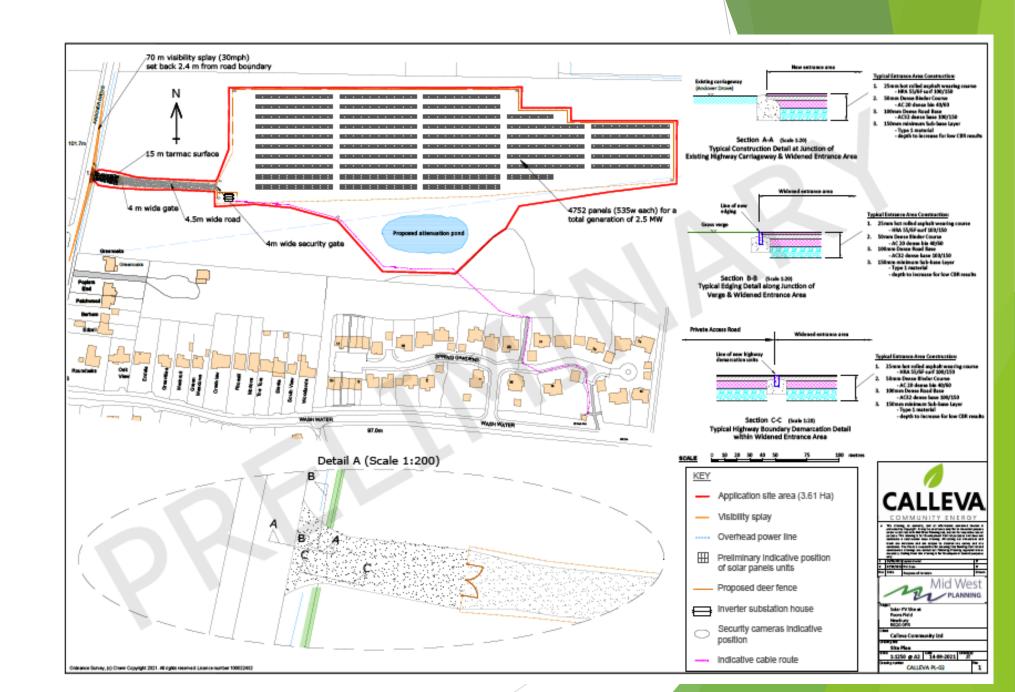


Contextual Plan

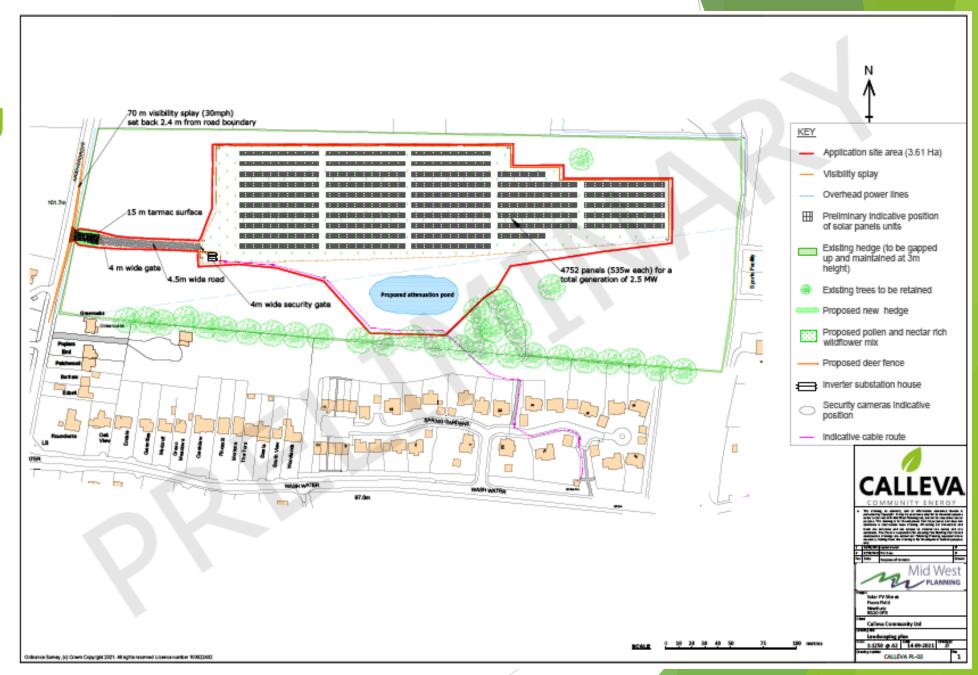
Location of the proposed solar farm



Solar Farm Site Plan



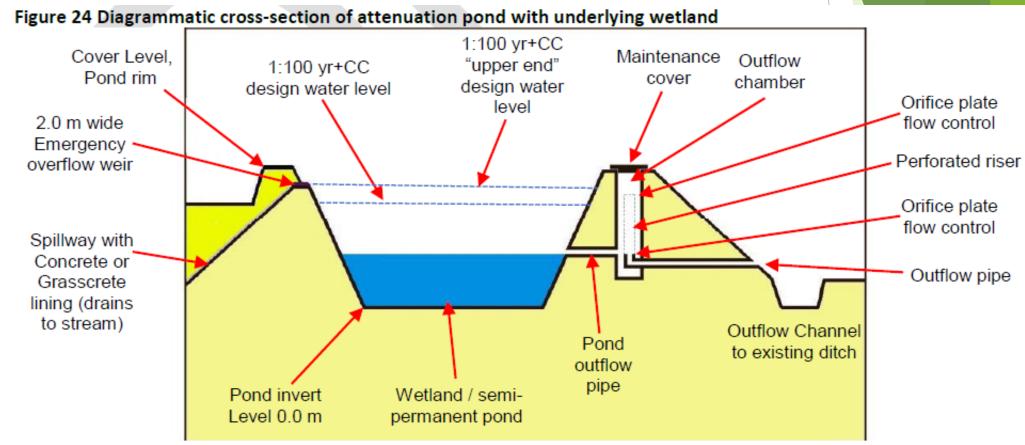
Solar Farm Landscaping Plan



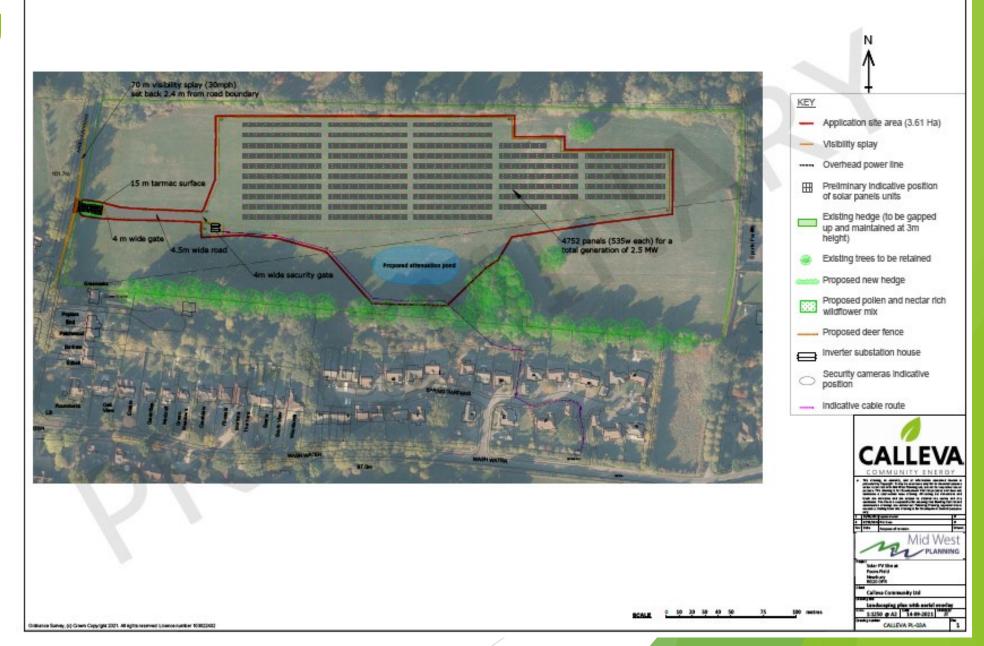
Attenuation Pond and Infrastructure

Figure 22 Indicative location of the wetland, attenuation pond and associated structures, not to scale Application site area (3.61 Ha) Visibility splay Preliminary indicative position of solar panels units in and sure or the management and control of the last two trees are design and a management of the contract of the Existing hedge (to be gapped up and maintained at 3m 163600 Existing trees to be retained Ditch and bund Proposed new hedge Attenuation pond channel runoff Proposed pollen and nectar rich and wetland area wildflower mix - Proposed deer fence Patchanod Inverter substation house Security cameras indicative 163500 position - Indicative cable route Mid West Subs N/Site at Food told Regions Recover callege community and Landscaping plan 1.12 6 At 14.09-2021 Days 4452 BOLEVA PL 03

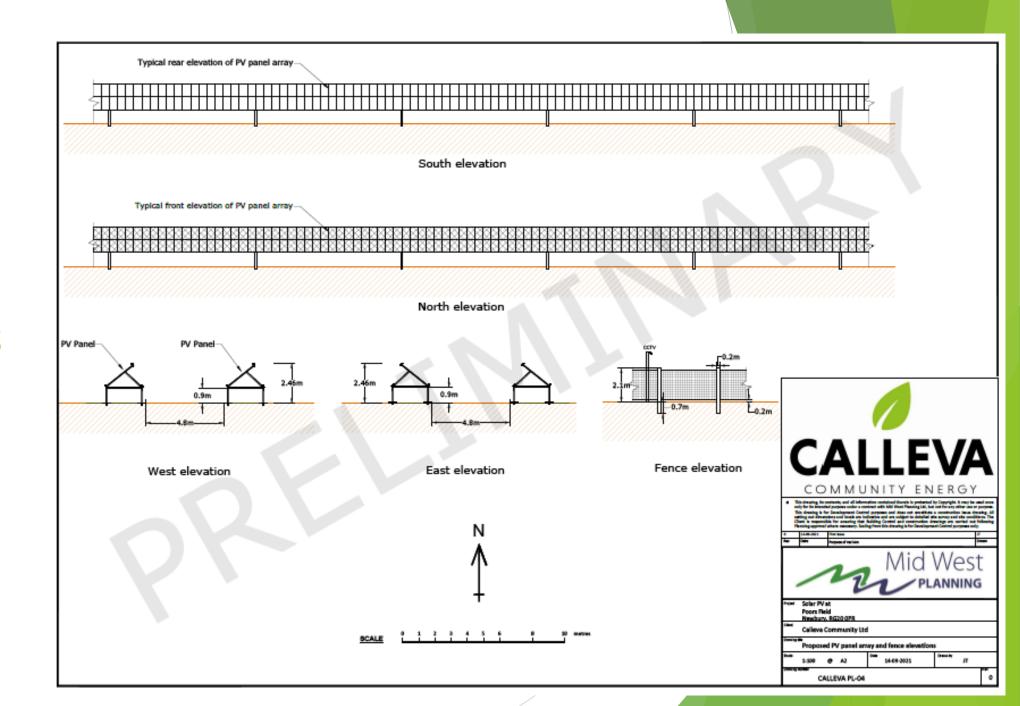
Cross Section of Pond Figure



Landscaping Plan with aerial image overlay



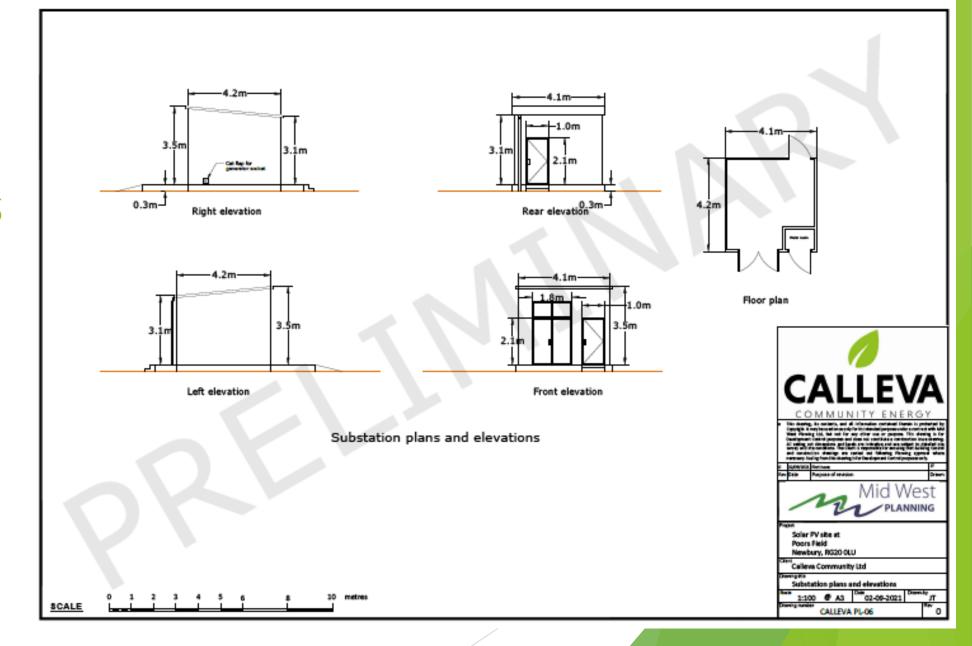
Solar
Panel
Array &
Deer
Fence
Elevations



Example of Deer Fencing Proposed



Substation/ Inverter/ Transformer House Plans and Elevations



Typical Inverter/ Substation House



Key Planning Considerations

- Landscape and Visual Impacts
- Ecological impacts and environmental enhancement opportunities
- Surface water management and flood mitigation/prevention
- Transport impacts (during the construction phase)
- Protection of residential amenity and privacy
- Climate change benefits
- Energy security benefits
- Community benefits
- Educational benefits
- Maintenance of agricultural use of land