# 5 ASHORNE SOLAR COMMUNITY CONSULTATION

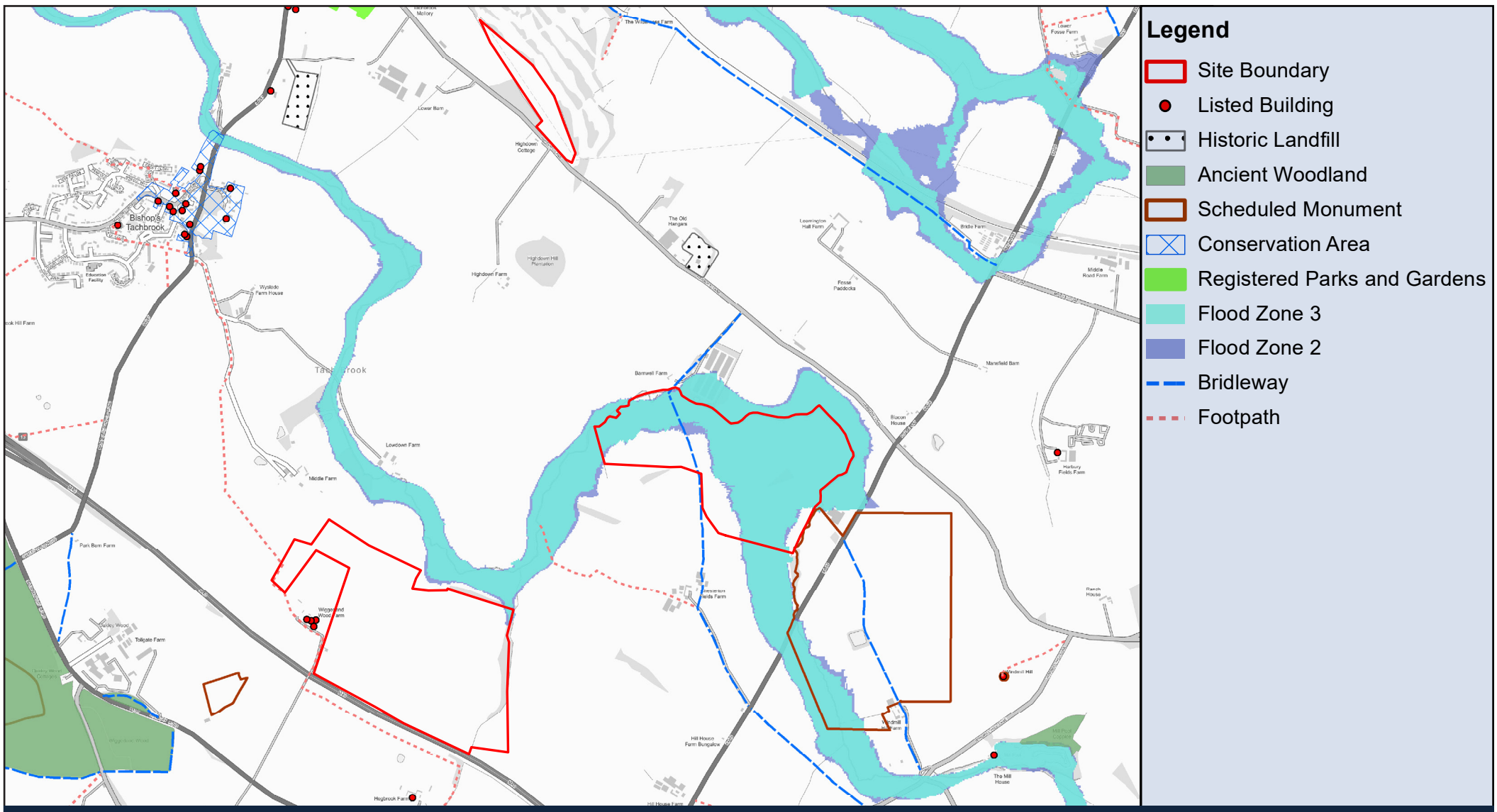
## PROJECT DESCRIPTION

### The Proposed Solar PV Farm would comprise:

- Solar panels mounted on tracking modules, with co-located battery storage;
- central inverter stations, or string inverters;
- a 132 kV substation compound;
- perimeter deer fencing;
- CCTV security cameras;
- internal access track from the site entrance to the substation control building; and
- a temporary construction lay-down area.

The site will have a capacity of up to 49.99MW. Planning permission is sought on a temporary basis for the project's lifetime, which in this case is a 40-year period. The solar farm would generate enough electricity to meet the average annual UK electricity consumption for over 14,800 houses per annum and save around 371,000 tonnes of CO2 equivalent.

The constraints plan shown below provides an indicative area for the site and demonstrates how the development of a solar farm could be accommodated within the site. The site is relatively free of planning and environmental constraints. At this stage the layout is flexible and the design of the solar farm will continue to evolve in response to Council, community and consultee feedback and the findings of the proposed technical and environmental assessments.




Constraints Map