

Welcome to our exhibition

We would like to hear your views about our proposals for a Battery Energy Storage Development.

Queequeg Renewables Ltd are proposing to develop a Battery Energy Storage Development at Land West of Woodford Road, Poynton.

We hope you will find the exhibition informative.



The UK Government has set a target to achieve a net zero economy by 2050 and are committed to replacing fossil fuels with clean green energy solutions. The spiralling costs of imported energy resulting in higher energy bills, has further highlighted the need to strengthen energy security and resilience in the UK with the aim of providing cheaper and cleaner energy.

In January 2022, Cheshire East Council made a pledge to become a carbon neutral borough by 2045.

Battery Energy Storage Systems are an effective technology to support this transition and strengthen energy security and resilience within the UK. This storage allows electricity to be stored from renewable sources like wind and Solar Photovoltaics.

This electricity is then released during times of peak demand providing a more resilient power supply helping to reduce reliance on fossil fuels.

As the UK generates and uses more weather dependent energy generation, such as wind and solar photovoltaic panels, the need for energy storage in the form of battery containers becomes increasingly important.

At this exhibition we set out the proposals in greater detail. We want to hear your views on the proposals to further inform the design of the scheme. Forms are provided today and your feedback is welcomed and encouraged.

Project Outline

About Queequeg Renewables

Queequeg Renewables Ltd are a dynamic UK-based developer of renewable energy assets operating across wind, PV solar and energy storage sectors.

Queequeg Renewables Ltd have an ambitious pipeline over 4GW of renewable energy projects making them a major contributor to the UK Renewable Energy Sector. The UK Government has set an ambitious target of reducing emissions by 78% by 2035 meaning we all need to embrace innovative solutions as we work towards a net zero carbon future.

Where is the proposed battery storage development located?

The Site is located north west of Woodford Road. The Site is bound by agricultural fields apart from the western boundary which is an area of ancient woodland. Further to the south of the Site are residential properties, located off and along Woodford Road.

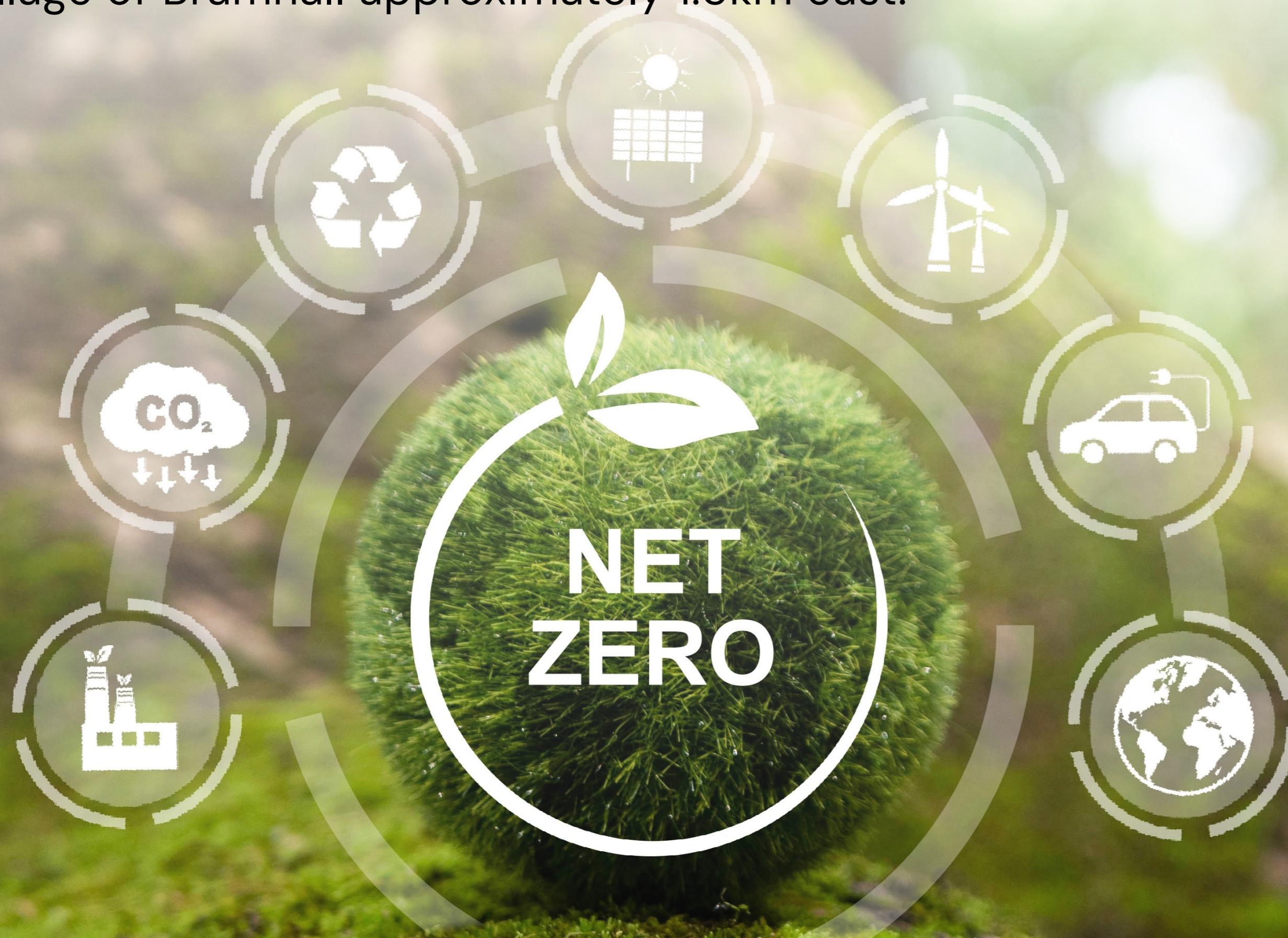
Beyond the Site to the north is the area of Norbury Moor, approximately 740m from the Site. The town of Poynton is approximately 1.5km to the south-east of the Site and the village of Bramhall approximately 1.5km east.

Why this site?

National Grid estimate that 30GWh of battery storage capacity is required to ensure that energy generated by renewables can be stored when it is not needed, and then used when required. This battery energy storage proposal will help unlock progress to meeting local and national targets by providing more flexibility to store electricity from renewable energy sources.

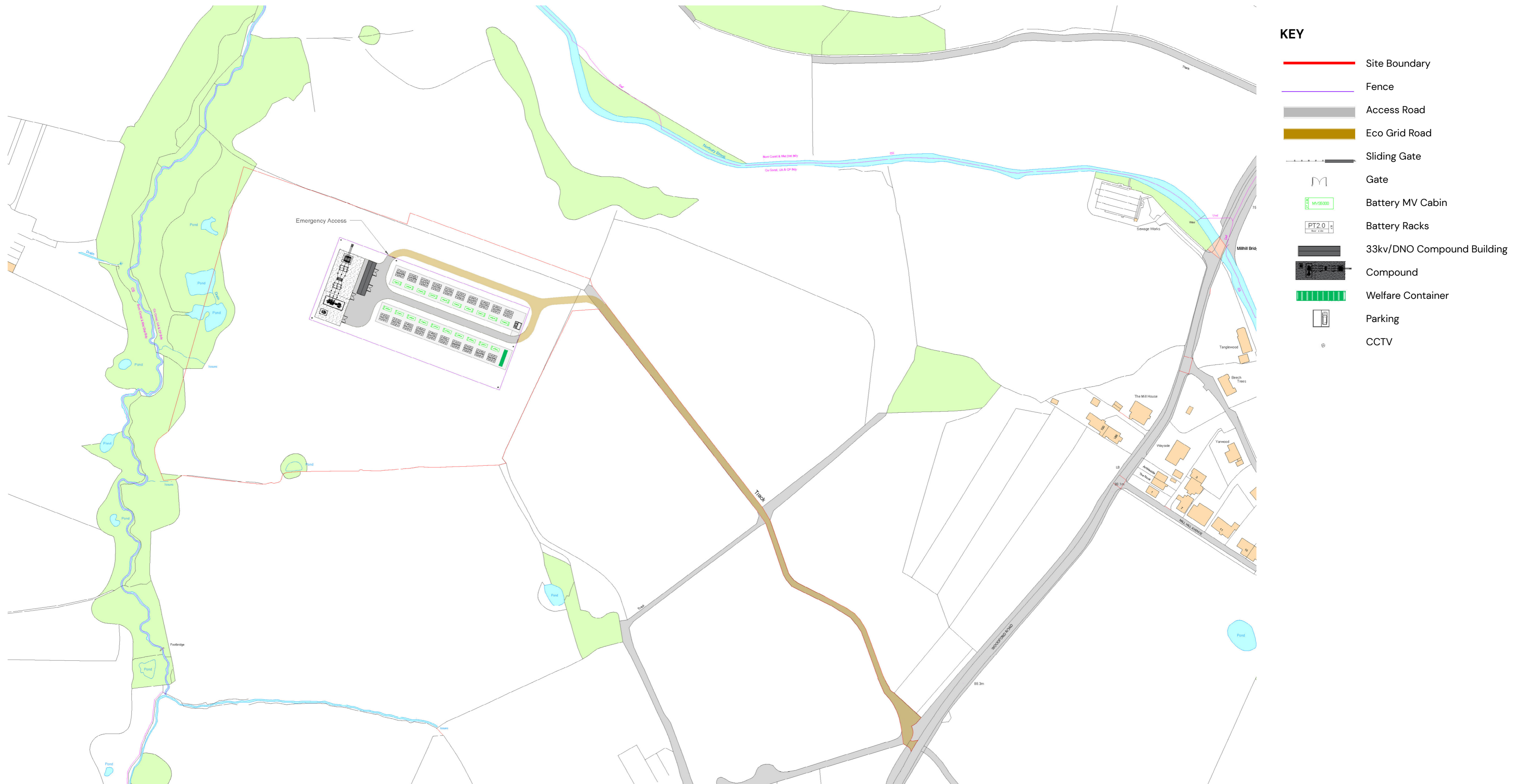
The proposal will connect to Adswold National Grid Substation, approximately 3.5km north west of the Site.

Existing woodland and vegetation provide screening to the west of the proposal with opportunities to incorporate further landscaping on the Site. The Site also provides opportunities for biodiversity enhancements.

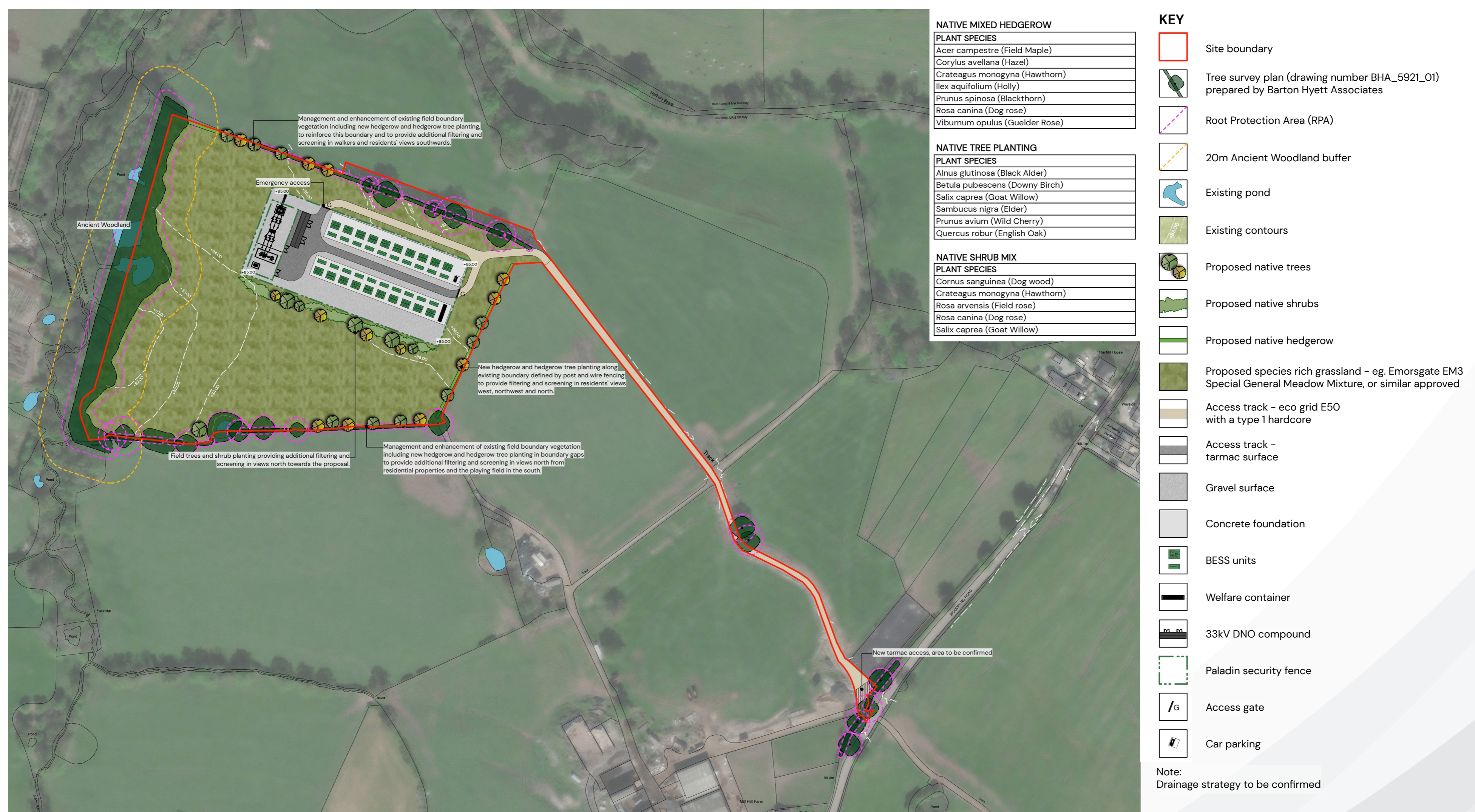


Indicative Development Proposals

Proposed Battery Storage Equipment Plan

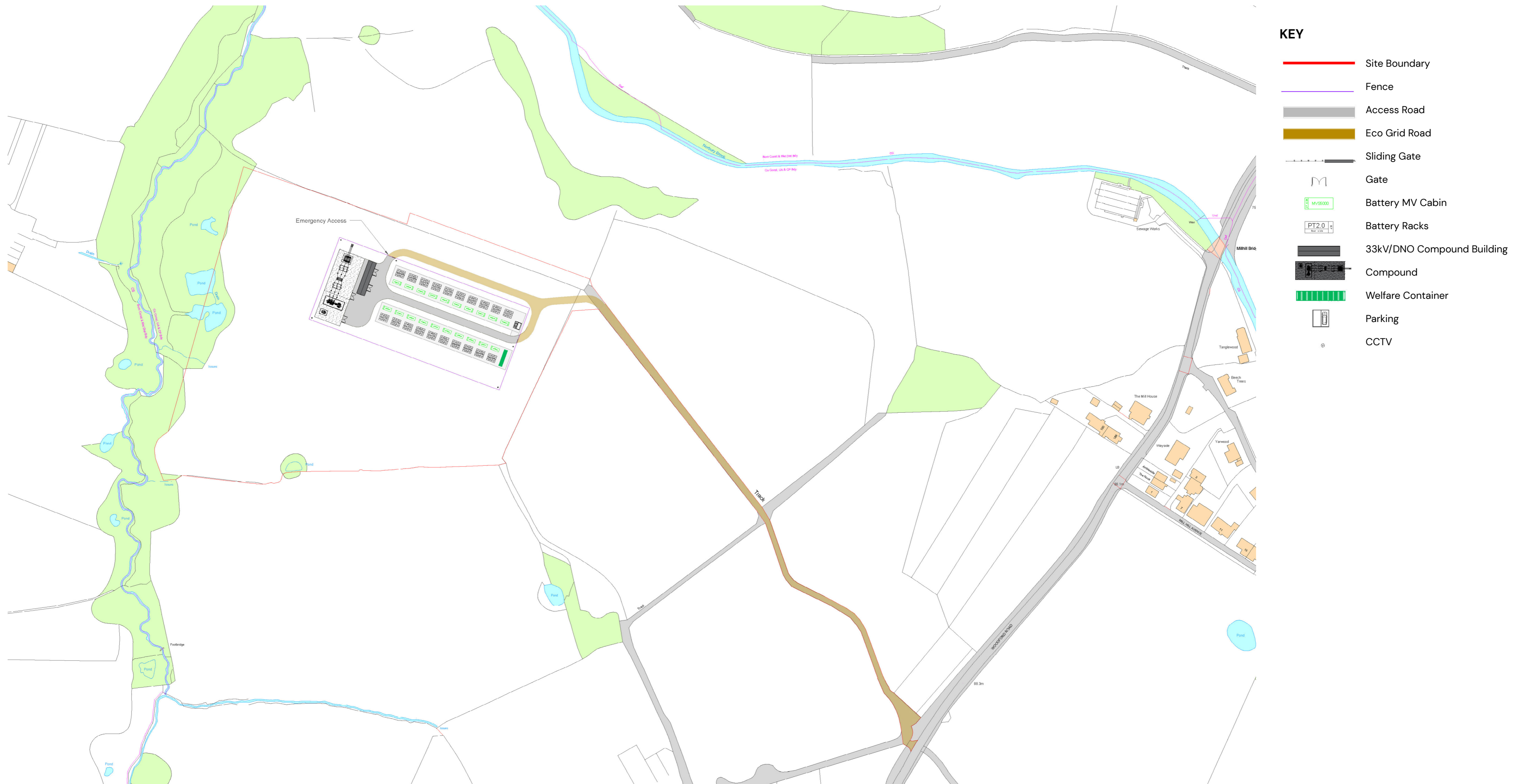


Proposed Indicative Landscape Masterplan

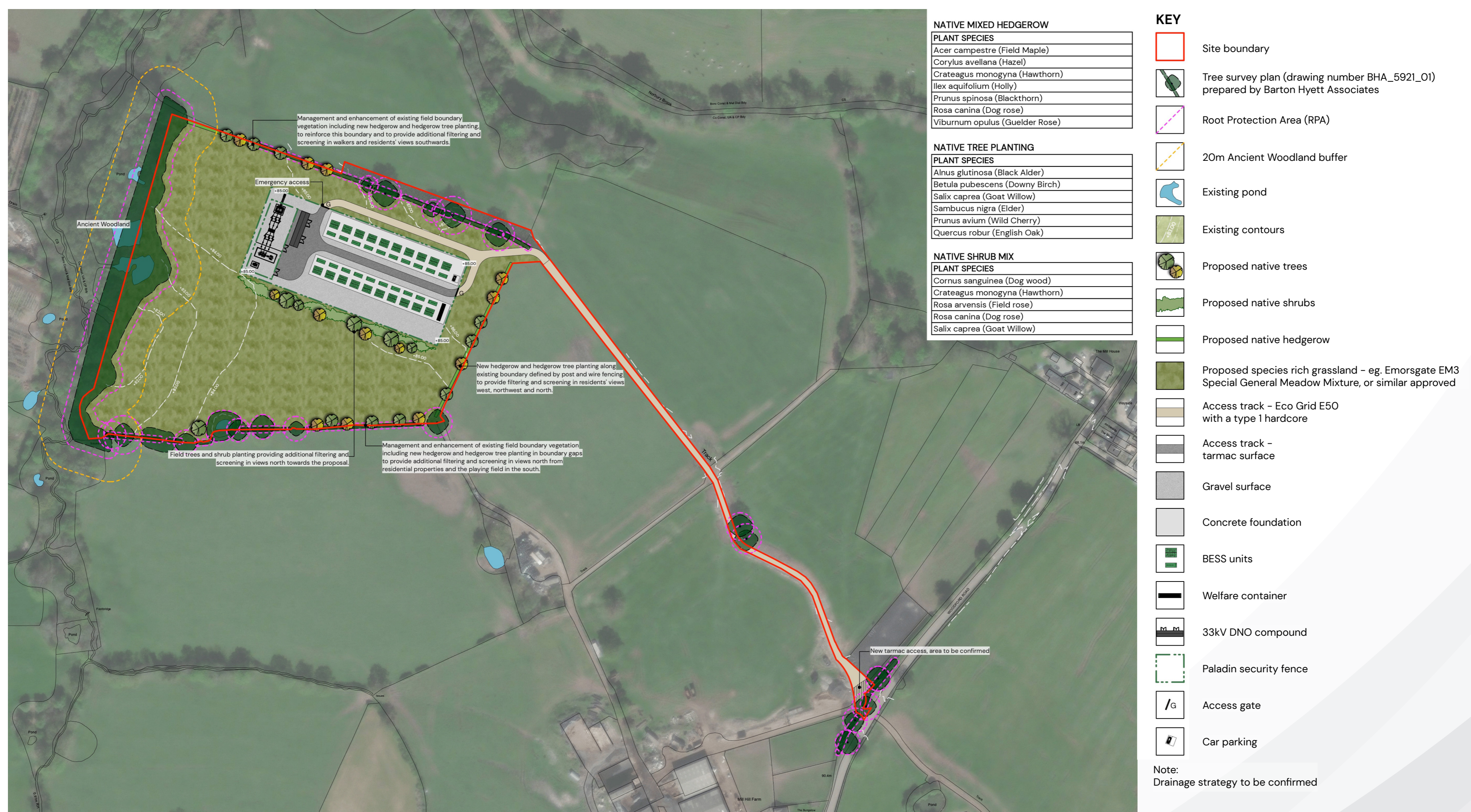


Indicative Development Proposals

Proposed Battery Storage Equipment Plan



Proposed Indicative Landscape Masterplan



What is being proposed?

The proposal is for the construction and operation of a Battery Energy Storage System and associated infrastructure at Land West of Woodford Road. The Site is located on field parcels accessed from Woodford Road. The Site measures approximately 4.5ha.

The proposal will comprise of:

- Containerised battery energy storage units measuring approximately 6.1m x 2.4m and 4.1m in height;
- Medium voltage battery cabins measuring approximately 6.1m x 2.4m and 4.1m in height;
- A welfare cabin measuring approximately 12.2m x 2.5m and 2.6m in height;
- A substation with components including transformers and other electrical equipment measuring up to approx. 6.5 in height;
- Car parking provision and an internal access track;
- Relevant communications and monitoring equipment including CCTV measuring 4.3m in height.

The battery energy storage units and infrastructure will be surrounded by fencing to ensure its security and it is not envisaged that there will be any lighting.

Access to the Site, for construction and maintenance, will be obtained from Woodford Road, to the south east of the Site.

Landscaping and biodiversity enhancements within the site will include new hedgerow and hedgerow tree planting to the site boundaries to enhance existing vegetation and species rich grassland outside of the proposed compound.



Environmental and Development Considerations

The following considerations will be assessed to inform the final design of the scheme to support the planning application:

Green Belt

The Site is located in the Green Belt. As part of the planning application, 'Very Special Circumstances' will be demonstrated for the development. The Very Special Circumstances include:

- The need to meet national targets to be a net zero economy by 2050 and local targets to become carbon neutral by 2045;
- There is an available and viable grid connection with a grid offer that has been accepted;
- Initial work suggests that this location is suitable to serve the grid connection; and
- The potential for other environmental benefits.

Landscape and Visual Impact

A Landscape and Visual Impact Assessment is being undertaken. This will assess a range of views the proposed development can be seen from and will also consider the potential effects of this temporary development on the surrounding landscape and visual receptors.

To reduce any visual impact, screening is proposed in the form of new hedgerow and hedgerow tree planting to the site boundaries to enhance existing vegetation.

Transport and Access

Access to the Site will be via the existing agricultural farm access from Woodford Road.

It is anticipated that during construction there will be peak traffic associated with deliveries of the components to Site and construction works, however this is not considered to result in a significant impact on the road network. During the operational phase it is anticipated there will be very low traffic flows related to ongoing maintenance purposes.

Flooding and Drainage

The Site is within Flood Zone 1 which is the lowest flood risk area. The development will not increase the risk of flooding on Site or elsewhere. A drainage strategy will be prepared for the Site to accompany a planning application for the proposals.

Ecology and Trees

A number of surveys have taken place to assess the ecological potential of the Site and to identify any protected species a tree survey has been undertaken on the Site. The Site is made up of grassland, woodland and a native hedgerow with trees. One pond was identified within the south of the Site with further ponds present within the woodland. Trees along the Site boundary provide opportunities for roosting bats and nesting birds.

The proposals will not impact the ancient woodland located to the west, trees or any ponds within the Site. At least 10% biodiversity net gain will be achieved on the Site, in line with statutory requirements.

Heritage

The nearest heritage asset to the site is Dog Hill Green Grade II Listed Building located on Woodford Road. From an initial site survey, it is considered that the proposals will not have any impact on built heritage. There are also no known archaeological assets within the Site.

Environmental Health

Impacts on amenity and safety are being considered through the design and assessment of the proposals. A Noise Impact Assessment and Outline Safety Management Plan will be prepared which will address noise and fire safety matters.

Next Steps

Thank you for attending this public exhibition and taking the time to look at the development proposals.

Your views are important to us and we are seeking your feedback as members of the local community to help shape the design proposals. Your comments will help to inform the planning application which could be submitted to Cheshire East Council in Winter 2024.

Please provide us with your comments by:

- Filling out the feedback form provided at this exhibition;
- Filling out the comments section of the leaflet (posted to properties local to the Site) or;
- Sending an email to: newcastle@pegasusgroup.co.uk

The information presented at this public exhibition is also available on our project website:

www.woodfordroadbess.co.uk

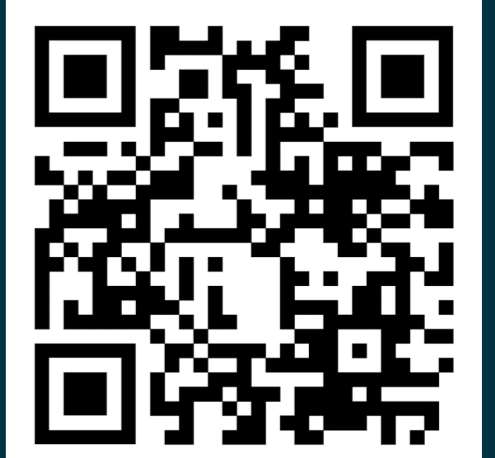
We welcome all feedback. All responses will be carefully considered, examined and recorded as part of our consultation process prior to submitting a planning application to Cheshire East Council.

The deadline for comments is:

Friday 22nd November 2024

**Woodford Road
Battery
Energy Storage
Website**

Scan
Here



About you

Thank you for attending the public exhibition and taking the time to look at our proposals.

In order for us to monitor who has visited the exhibition, please place a sticker on the map below to indicate where you have come from today.

