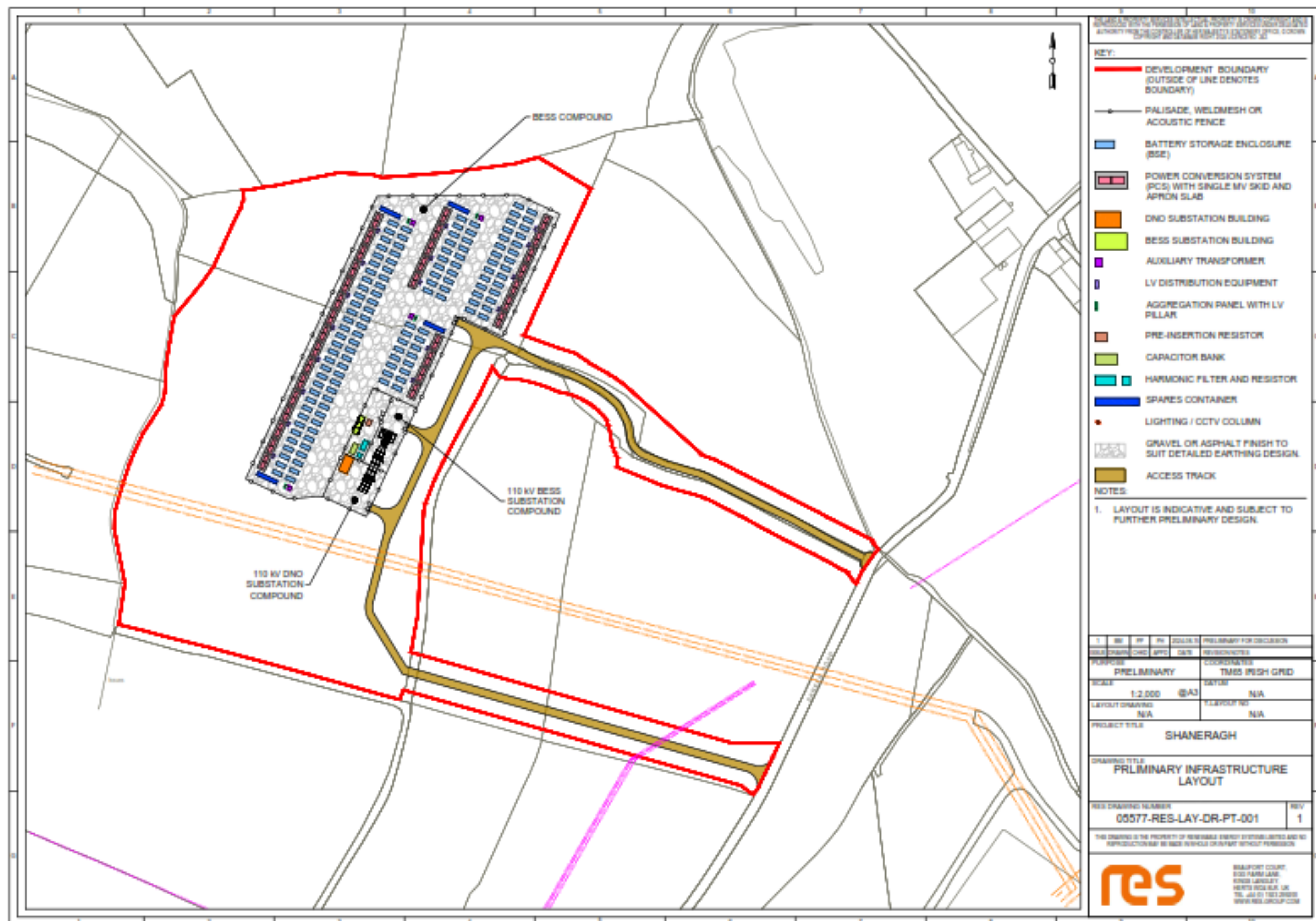


# Infrastructure and layout

The plan below shows the preliminary layout for the Shaneragh Energy Storage project.



The proposed system is a containerised scheme, involving proven Lithium iron phosphate (LFP) battery technology which RES has deployed at multiple projects around the world.

The site would comprise of approximately 128 battery containers. The typical overall size for both types of containers are approximately 6.1 metres long by 2.9 metres high.

The tallest infrastructure is expected to be the DNO substation which would have a maximum height of 7 metres.

The infrastructure would include:

- Battery enclosures
- Power Conversion Systems and Transformers
- DNO Substation & grid infrastructure
- BESS Substation
- Auxiliary Transformer
- Grid Compliance Equipment
- Grid Connection Infrastructure
- Security System
- Landscaping
- Drainage Scheme

## Shaneragh Energy Storage Proposal

[shaneragh-energystorage.co.uk](http://shaneragh-energystorage.co.uk)