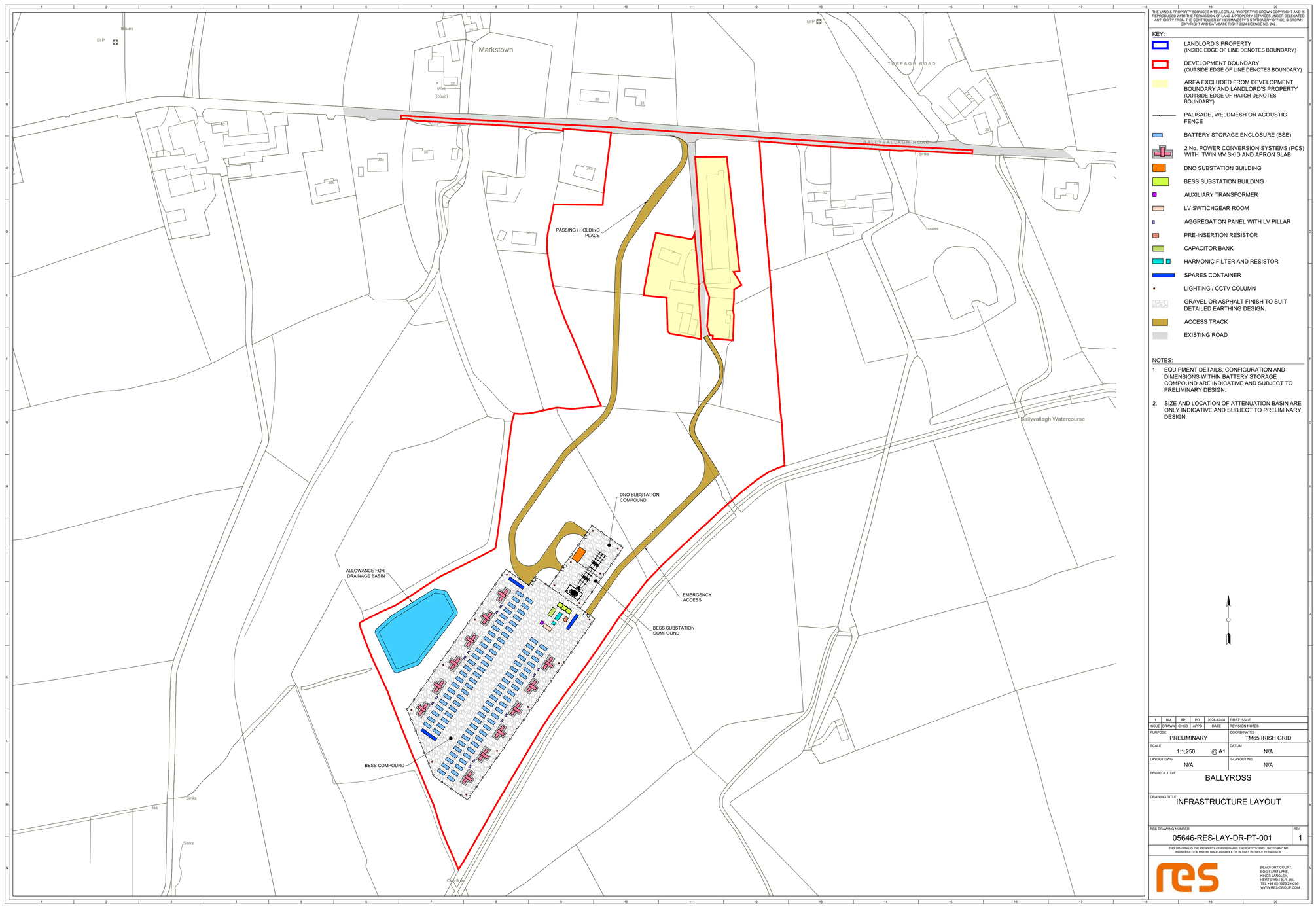
Infrastructure and layout

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



We are still consulting on the layout and as such, it is subject to change

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 96 battery containers. The typical dimensions of the battery containers are 6.1 metres long by 2.4m wide by 2.9 metres high.

The tallest infrastructure is expected to be part of the 110kV substation equipment, which would have a maximum height of around 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**

Ballyross Battery Energy Storage Proposal

ballyross-energystorage.co.uk

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