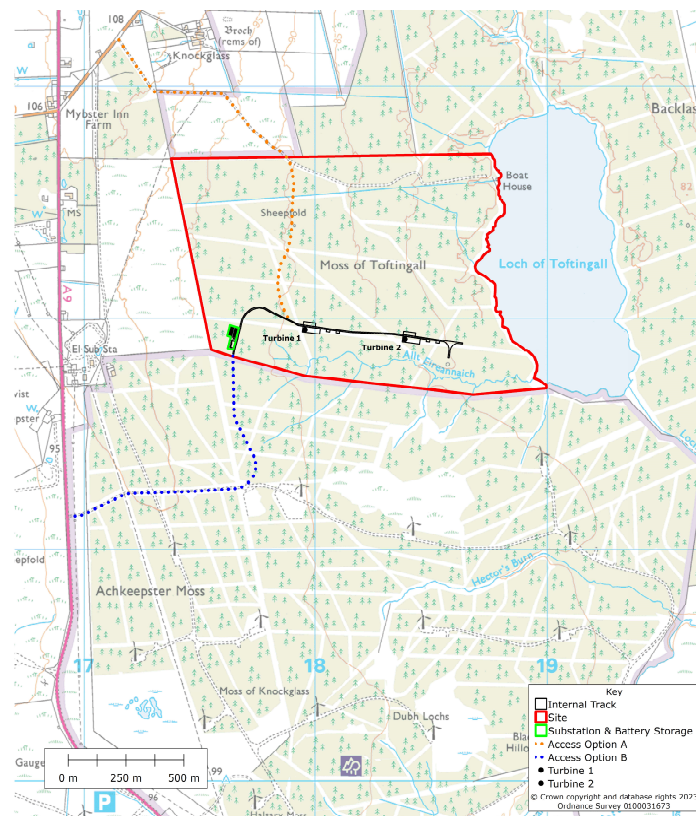


# THE PROPOSED LAYOUT



## How have our studies influenced the layout?

The layout has gone through a number of design iterations. In May 2019 a scoping opinion was requested from Highland Council with input from a range of other consultees. At this stage the site area was larger and the layout consisted of six wind turbines, four located on the eastern side of the loch and two on the western side.

This has been amended largely as a result of pre-application consultation with Highland Council with a reduction in the turbine numbers from six to two and the alignment of the two turbines has been changed so that they are closer to Halsary wind farm.

The main environmental constraints which have defined the layout are as follows:

**Landscape and Visual:** complex cumulative situation with operational turbines of differing dimensions.

**Peat:** based on surveys carried out on site, the peat depth ranges from 4m+ in depth to less than 0.5m deep. The turbines and other infrastructure have been positioned to avoid the areas of deeper peat.

**Noise:** Following the completion of a 'background noise assessment', the turbines have been positioned to ensure they remain within strict national and local guidelines for noise limits.

**Cultural Heritage:** both the turbines and related infrastructure have been positioned to minimise impacts on known cultural heritage assets.

**Water Environment:** the layout has maintained standard separation distances from watercourses and private water supplies.

**Telecommunications:** there are two telecommunications links that pass through the site and the turbine positions have been selected to avoid interference.

In addition, the layout has been influenced by a detailed wind measurement campaign.