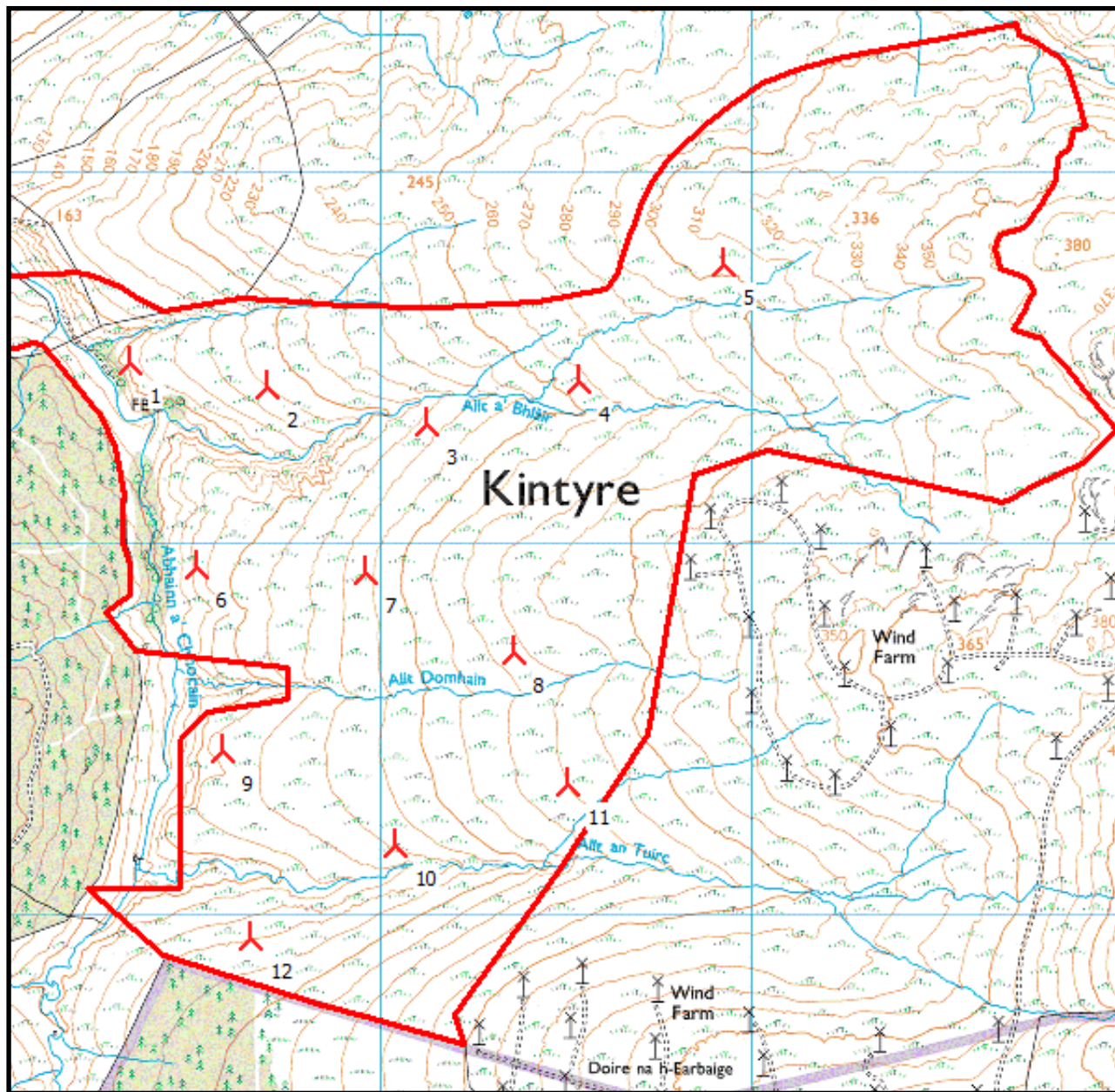




Design Evolution

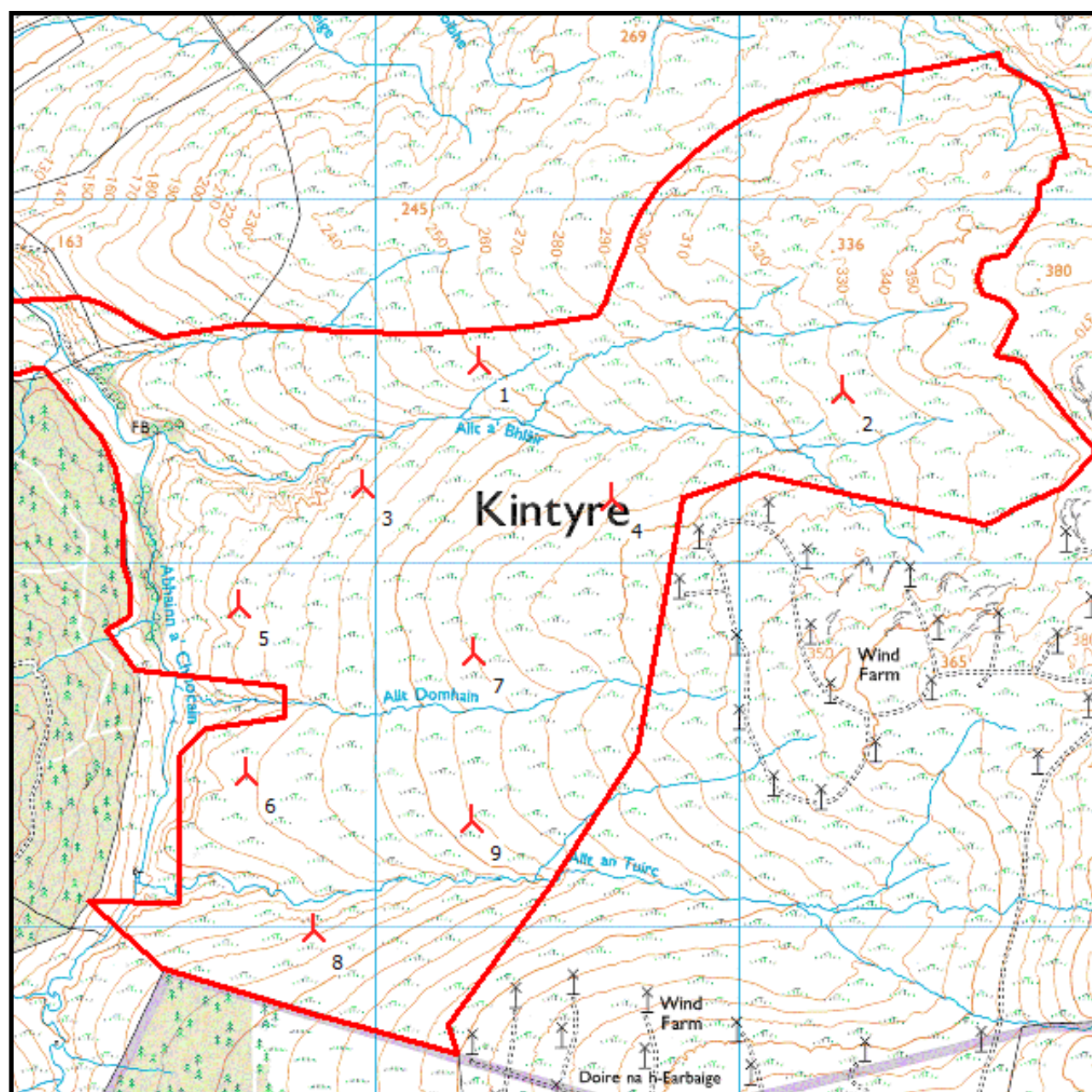
ALLT DOMHAIN WIND FARM - Design Evolution



Allt Domhain Wind Farm Scoping Layout

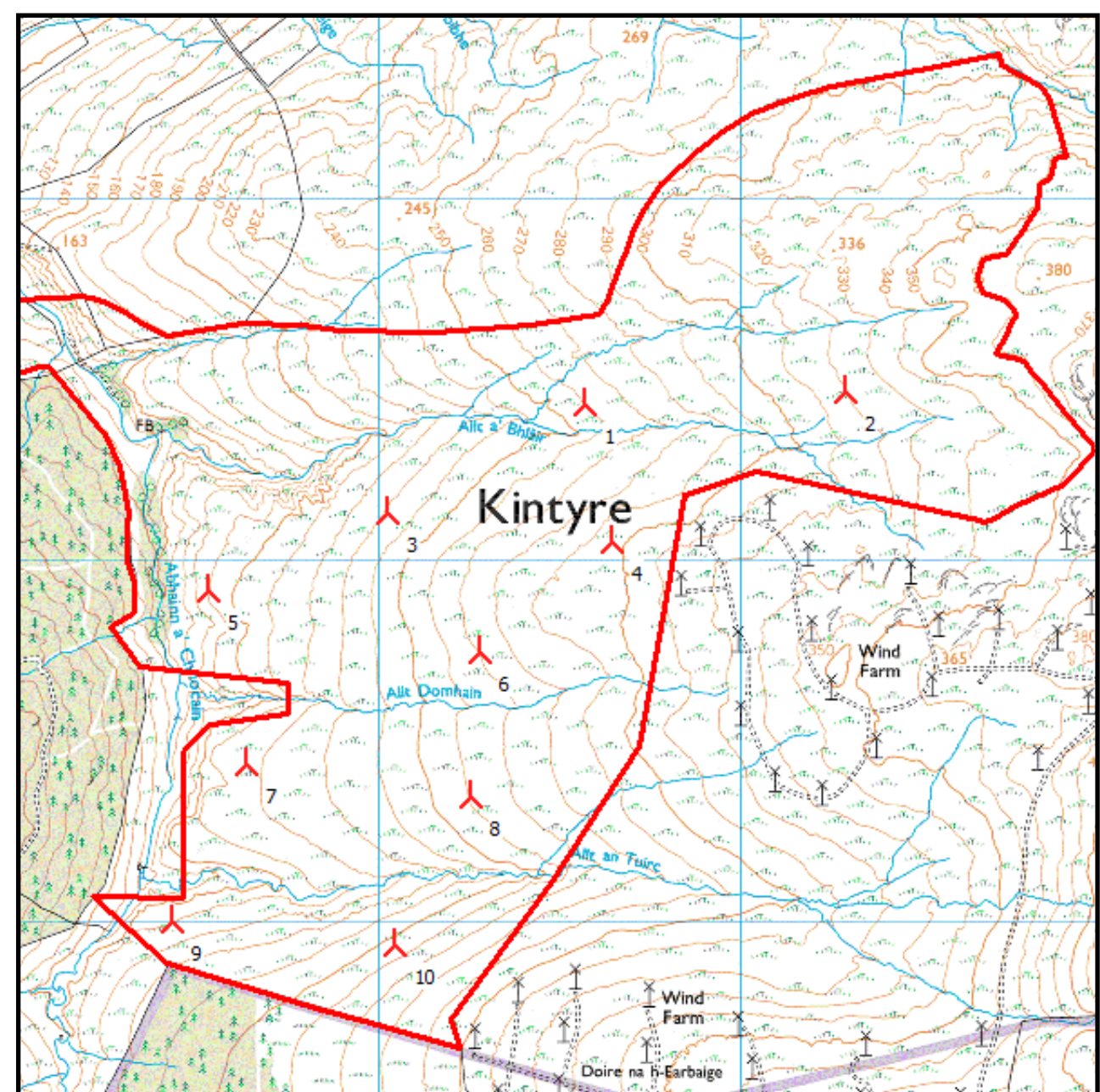
As displayed adjacently, multiple preliminary layouts were assessed with factors considered, such as;

- Increasing buffer distances between properties in the Barr Glen and turbines.
- Aligning turbines with adjacent developments to ensure landscape cohesion. This was achieved through alterations to turbine positioning and tip height adjustments.
- Assessing design options from key viewpoints to minimise landscape and visual intrusion.



Allt Domhain Wind Farm Final Design

- An extensive process has been undertaken to develop the final proposed design for Allt Domhain Wind Farm. This process initiated with a stage one design process which endeavoured to produce a wind farm layout that maximised the sites potential for energy production whilst considering all constraints to development that were known at the time. This design, shown to the left as the scoping layout, intended to present the site to statutory consultees, such as Argyll and Bute Council and NatureScot. Feedback and comment on the design was collected that would influence the future design process and inform further study and additional surveys to fully understand all constraints to development at the site.
- Following the scoping process, a review of all opinions submitted against the scoping design was conducted. This informed further site survey work, the results of which enabled the second stage of the design process to begin.



Allt Domhain Wind Farm Preliminary Layout

The final frozen design layout is displayed adjacently, this design will be submitted as part of the forthcoming Section 36 application for Allt Domhain Wind Farm. This layout and design iteration was previously displayed at the first public exhibition event, an advanced stage design was displayed at this point as a significant design process had preceded the exhibition and the layout was deemed to be optimised at this stage. The final design for the wind farm is designed to utilise the environment within which it sits;

- Topographical features of the site have been utilised to position turbines at the lower elevations reducing their overall visual height.
- As far as possible the turbines are set back from the periphery of the site reducing turbine intrusion towards the A83 and properties in the west, and over the spine of the peninsula to the east. This design additionally minimises visual impact on key locations in the surrounding landscape, including coastal Arran.