

10 The Preferred Route

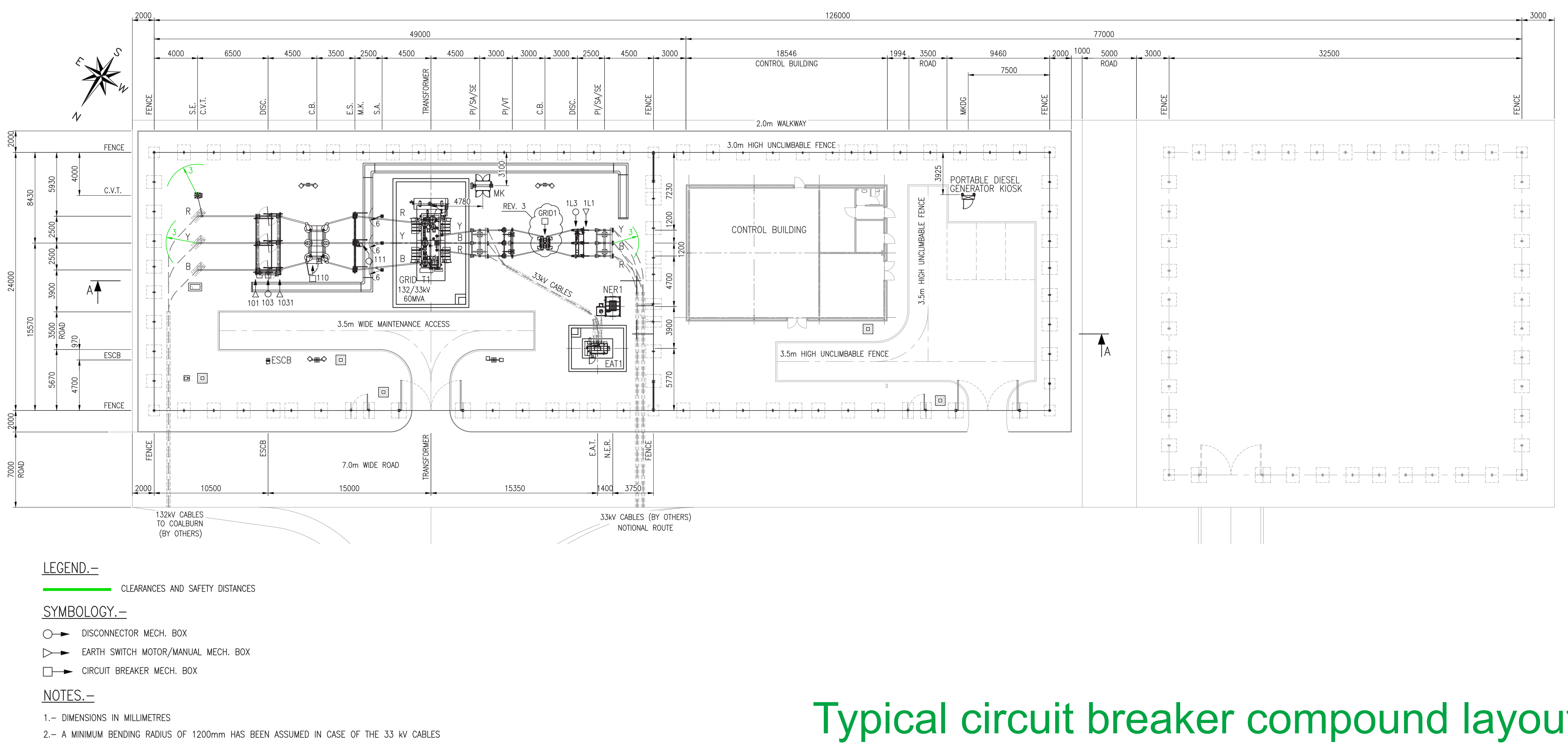
To identify the preferred route, each identified route option was appraised using the following criteria, which continue to reflect the key considerations of the routing methodology:

The reasoning for the use of these criteria and an outline of the methodology for appraising each route option against these is detailed in the Routing and Consultation Document (2023).

The preferred route is the one which achieves the best overall balance in terms of commercial viability whilst limiting impacts on the environment and people and meeting SPEN's technical requirements.

Taking account of the findings of the appraisal of each route option against the derived environmental and technical criteria, the preferred route for the proposed new OHL is **Route Option A3-B5-C3-D2-E1** which ties-in to tower BR61.

The final design of the circuit breaker compound at BR61 has still to be defined, however an example from another SPEN project has been provided in the image below for reference. The expected dimensions will be approximately 50m x 37m.



Typical circuit breaker compound layout

Harestanes West Wind Farm 132kV Overhead Line Grid Connection