

T07: Reason for Moving: The turbine location has been moved to reduce the impact on deeper pockets of peat on the site.



Engineering: The track alignment has been changed to avoid area of deeper peat. As a result the track now follows the contour lines reducing gradients on site. This has the additional benefit of reducing the impact of the top of the hill that would be necessary for the consented development.
The plan for turbine deliveries is to drive directly on to the hardstand to offload components. To exit the site the delivery vehicles will use one of the junctions to the north of the site to turn around. The vehicle can then exit the site by driving back down the main spine road.



Geology Impacts: The infrastructure now avoids deeper areas of peat than the consented track.



Ecology Impacts: The turbine and infrastructure is located in an area of commercial coniferous forest that will be clear felled as part of the project scope.
Track within 100m of badger sett (inactive at Jan 2026).



Hydrology Impacts: The approach track avoids the 250m buffer for the near by Private Water Supply.

Legend

Site Boundary

Consented Turbines

Revised Turbine Locations

Consented Permanent Met Mast Location

Revised Permanent Met Mast Locations

Consented Operations Building

Consented Construction Compound

Consented Layout

Proposed Varied Layout

Borrow Pit Search Area

Borrow Pit Working Area

Engineering

2m Contours

Geology

Peat Depth (m)

0 - 0.5

0.5 - 1

1 - 2

2 - 3

3 - 4

>4

Peat Depth (m)

0 - 0.5

0.5 - 1

1 - 2

2 - 3

3 - 4

>4

Ecology

NVC

Coniferous Woodland

M15

M19

U4

Hydrology

Groundwater Supply Source Buffer (as per LUPS31)

250m

Scale 1:4,000 @ A3

080m

N

Figure 2.12g
Infrastructure Design Review
- Turbine 07