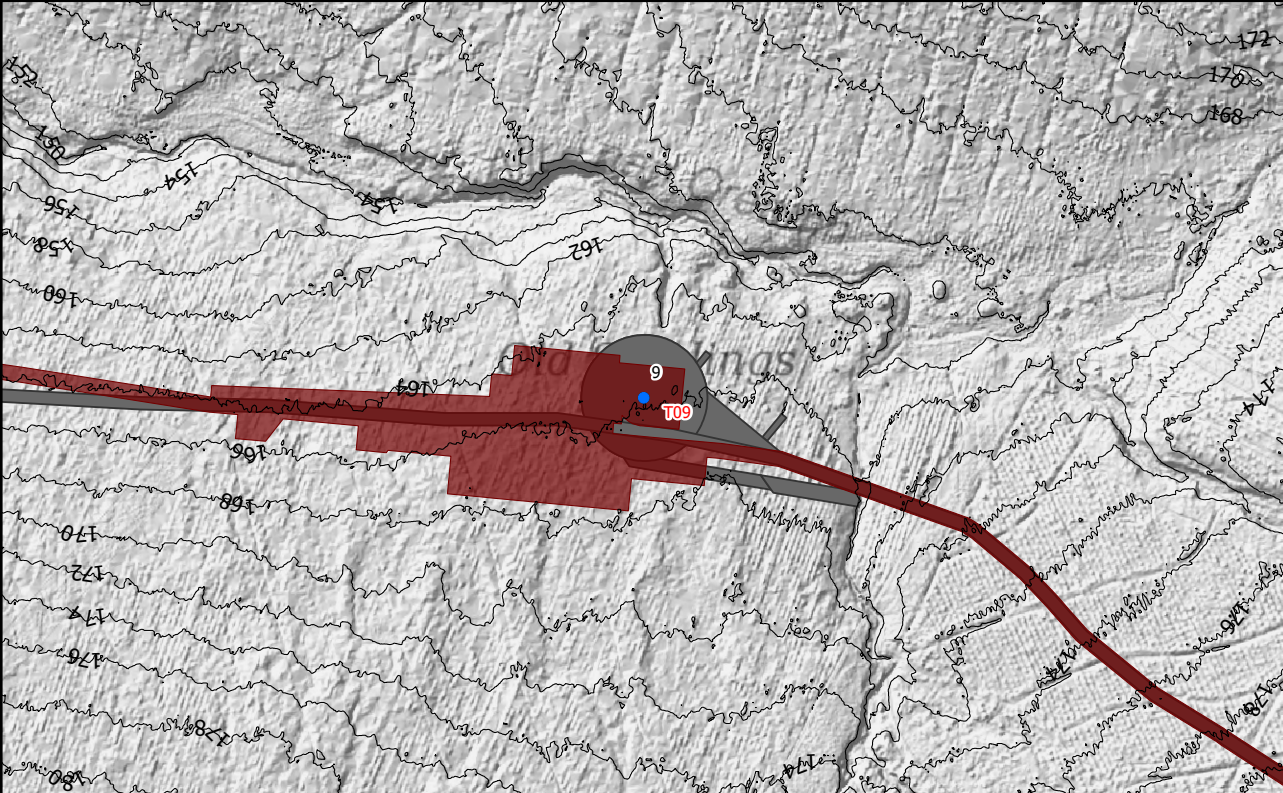
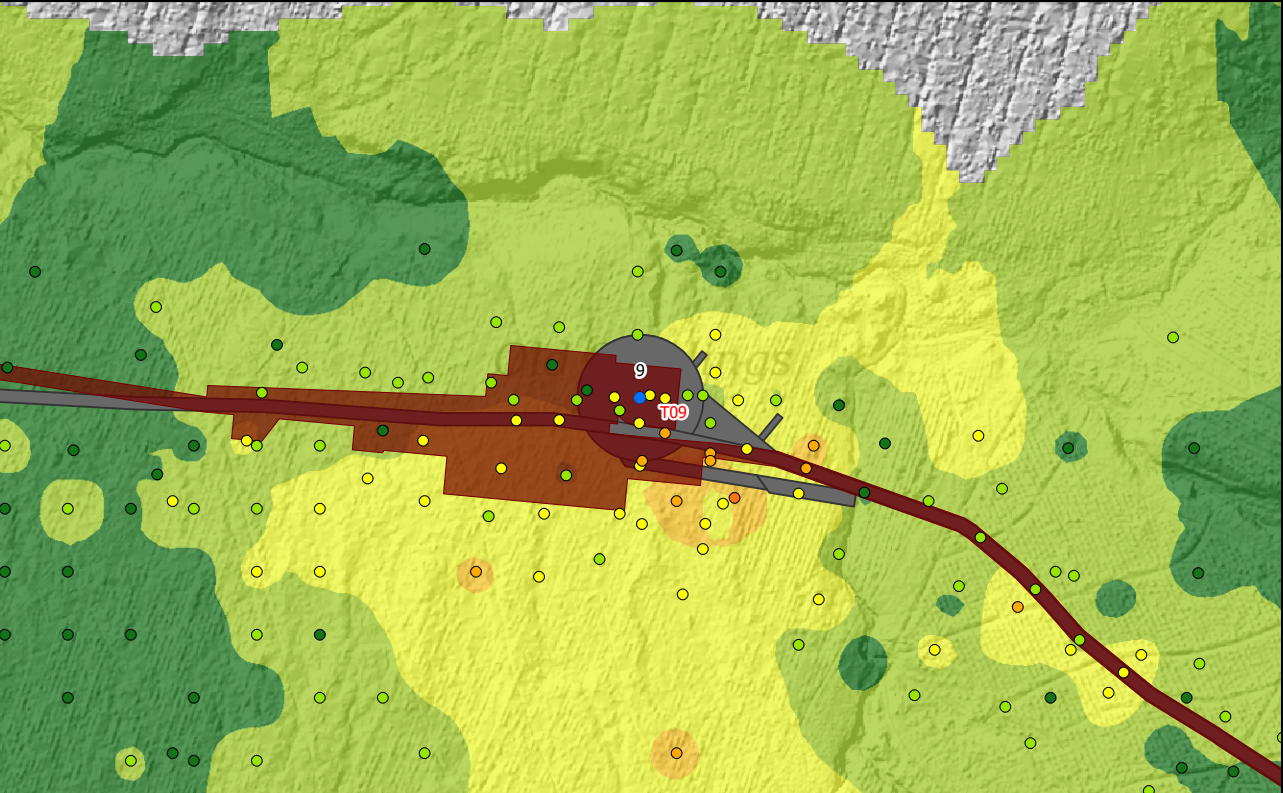


T09: Reason for Moving: This turbine location has not moved from the current consented location.



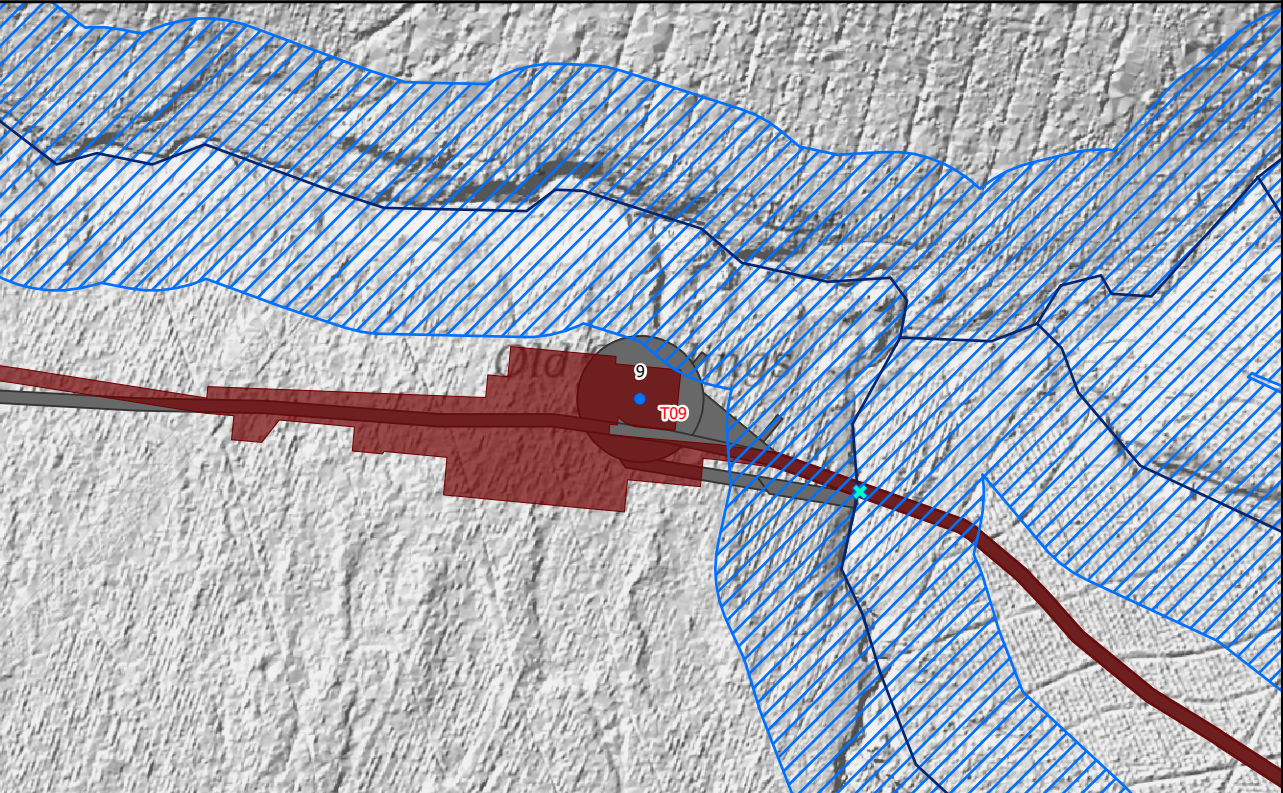
Engineering: The hardstand has been rotated 180 degrees to allow for components to be delivered to the location without the need to turn the delivery vehicle around before offloading. The plan for turbine deliveries is to drive directly onto the hardstand and offload components. The unloaded vehicles will then use a the next junction or loaded turning head at T11 to turn and exit the site.



Geology Impacts: The infrastructure has been rotated which has the benefit of avoiding more of the pockets of deeper peat than the consented layout sits within. The position has been pushed as far away from the peat as possible without impacting water course buffer to the North.



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.



Hydrology Impacts: The turbine infrastructure has been moved outside of a 50m water course buffer to the North and East. Any micrositing during construction would be limited in this direction to ensure that this buffer is maintained.

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

M15/M25/W2

M15/W23/MG10

M19

M23

M25

MG10

W23

Hydrology

Water Crossing

Watercourse (OS Vector)

Watercourse 50m Buffer

Scale 1:3,000 @ A3

080m

N

Figure 2.12i
Infrastructure Design Review
- Turbine 09