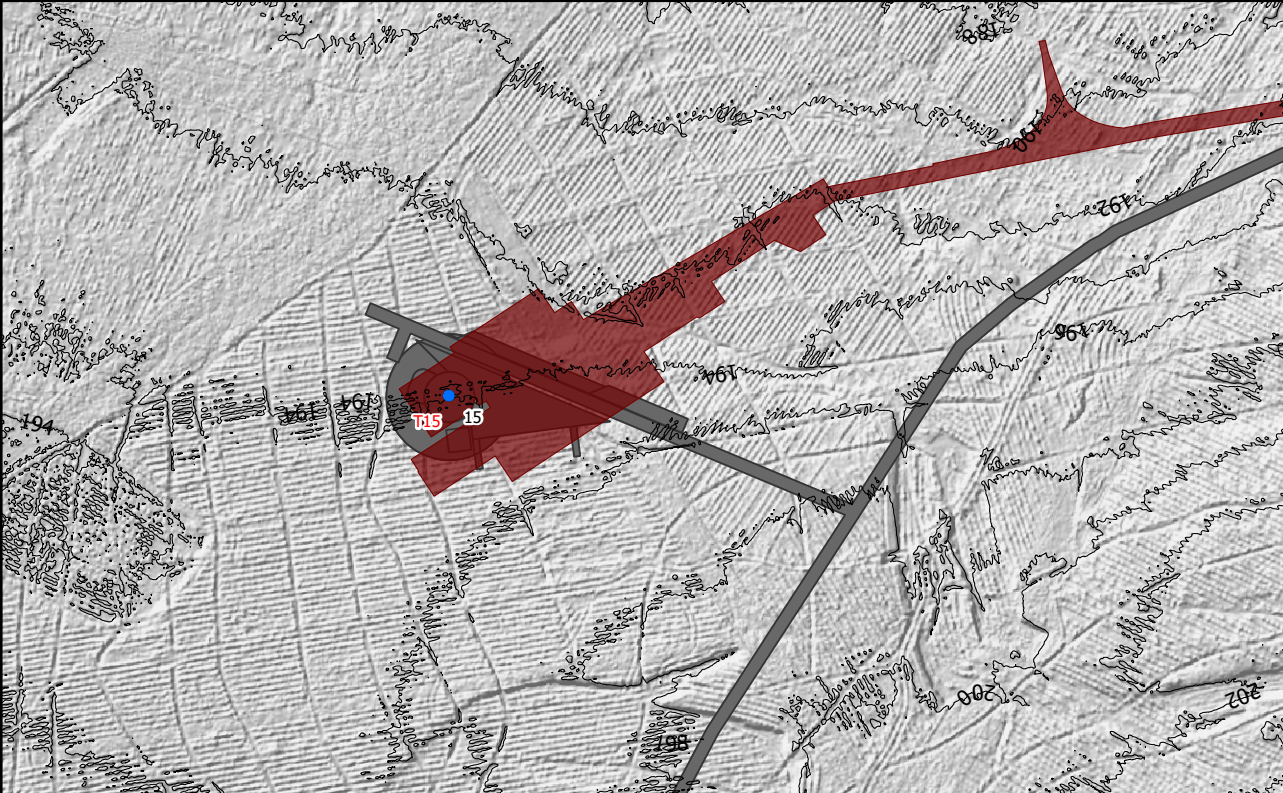
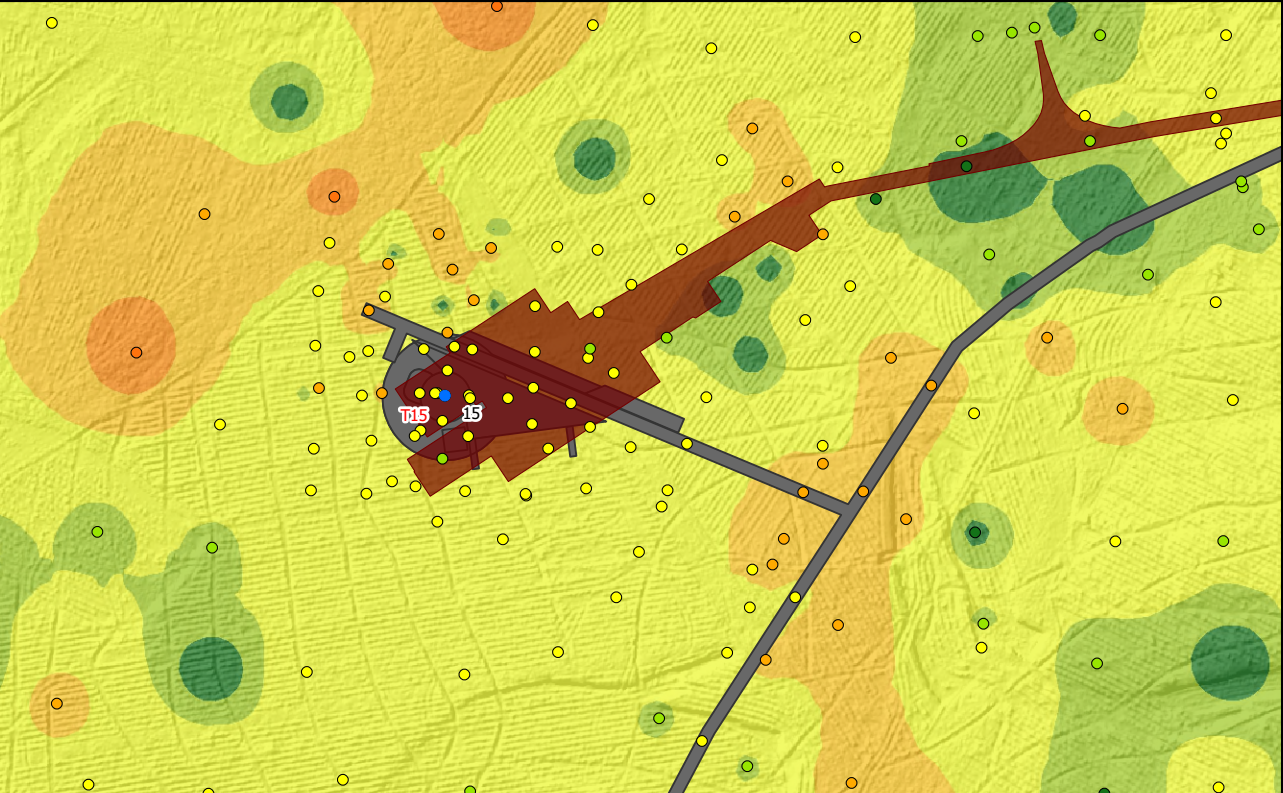


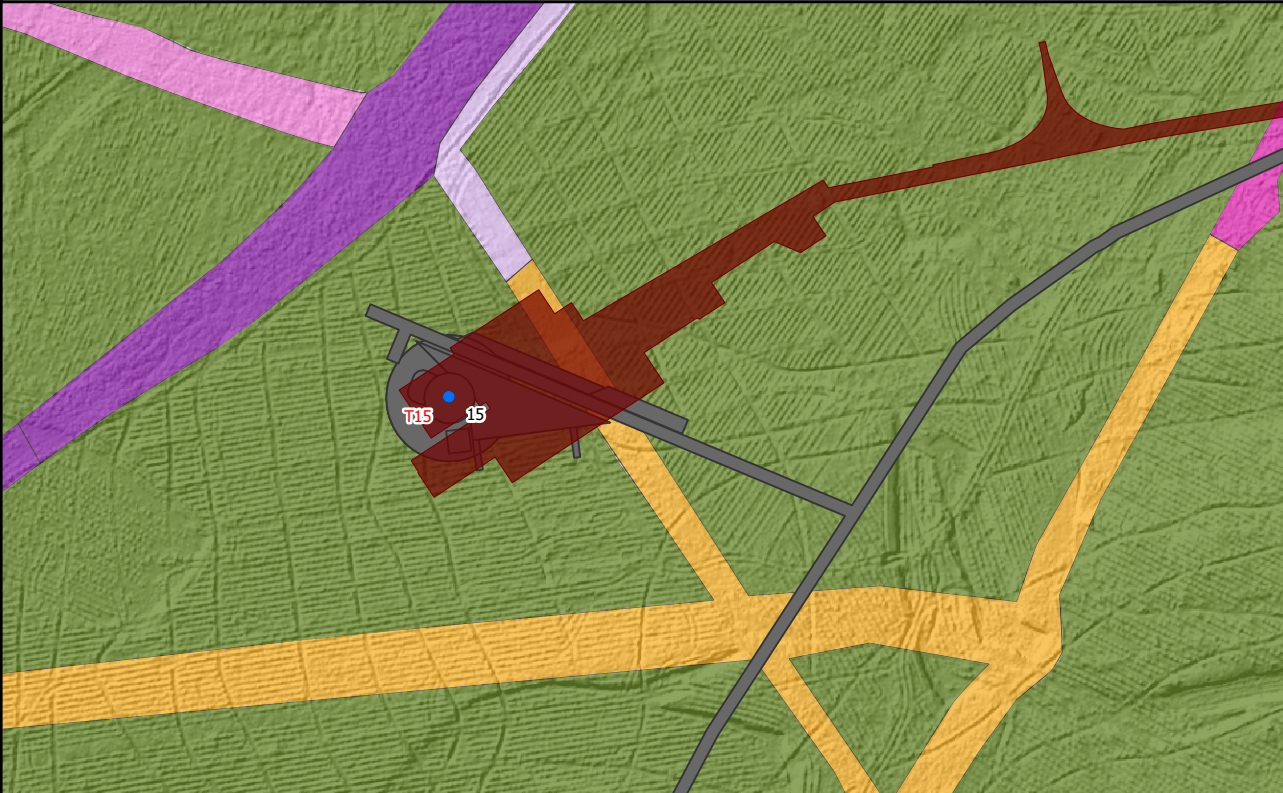
T15: Reason for Moving: This turbine location has not moved from the current consented location



Engineering: The hardstanding for the proposed layout is larger than the current consented layout. Due to this it is not possible for it to meet the track as shown in the consent. The hardstand has been rotated and the track as been realigned as required. A length of track approximately 500m long has been removed from the consented layout. This track linked T14 with the turbines to the south. Due to this reduction in track length a turning head has been introduced to allow delivery vehicles to exit the site. The plan for turbine deliveries is to drive directly onto the hardstand and offload components. The unloaded vehicles will then use the turning head between T15 and T16 to turn and exit the site.



Geology Impacts: Due to maintaining the consented position of this turbine and the introduction of the larger hardstand, there was a negative impact on the peat. This has been mitigated by flipping the hardstand and having the hardstand in a nonstandard configuration. This will require additional time and non standard lifting for the turbine deliveries, however it reduces the need to construct in the deep areas of peat to the West of the location.



Ecology Impacts: The turbine and infrastructure is located in an area that was commercial coniferous forest. The trees have now been felled. Landowner (FLS) has begun peat restoration in this area.



Hydrology Impacts: There are no water buffers within the area adjacent to the turbine location.

- 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
 - H12
 - M15
 - M19
 - M20
 - M25

Hydrology

Watercourse 50m Buffer

Scale 1:3,000 @ A3

0 80 m

N

Figure 2.12o
Infrastructure Design Review
- Turbine 15