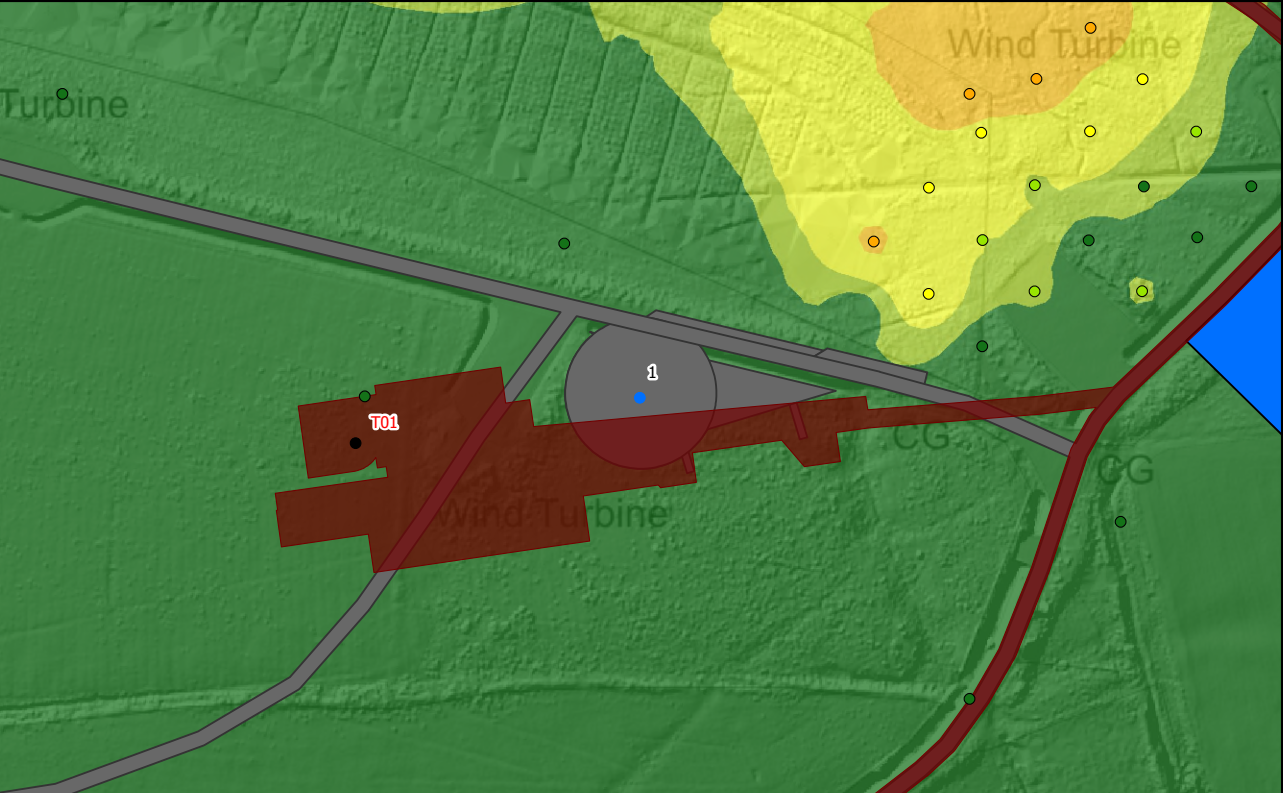


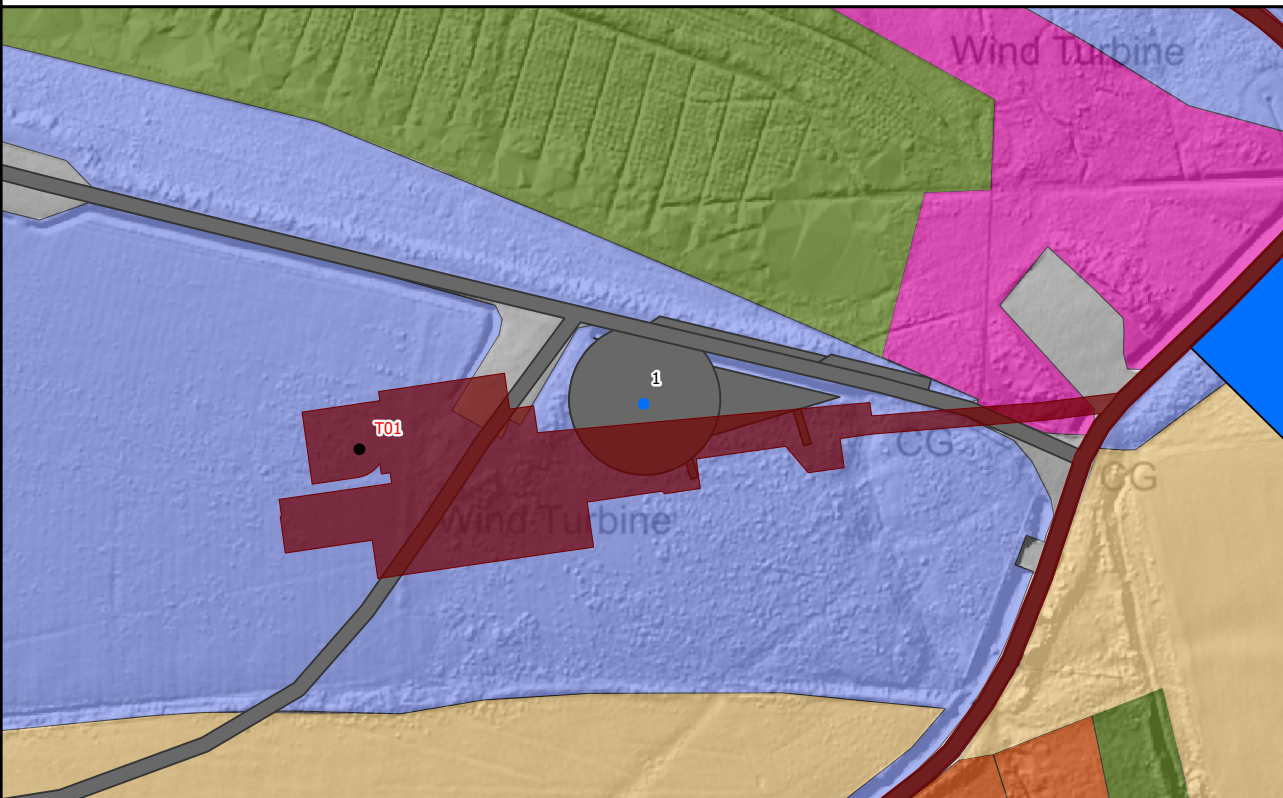
T01: Reason for Moving: The move was necessary to ensure that suitable separation distances were maintained between turbines. Where possible a minimum of three times the rotor diameter is required between turbines. T01 is positioned at this minimum distance from T03, maximising distance from neighbouring properties to the west (approximately 1km).



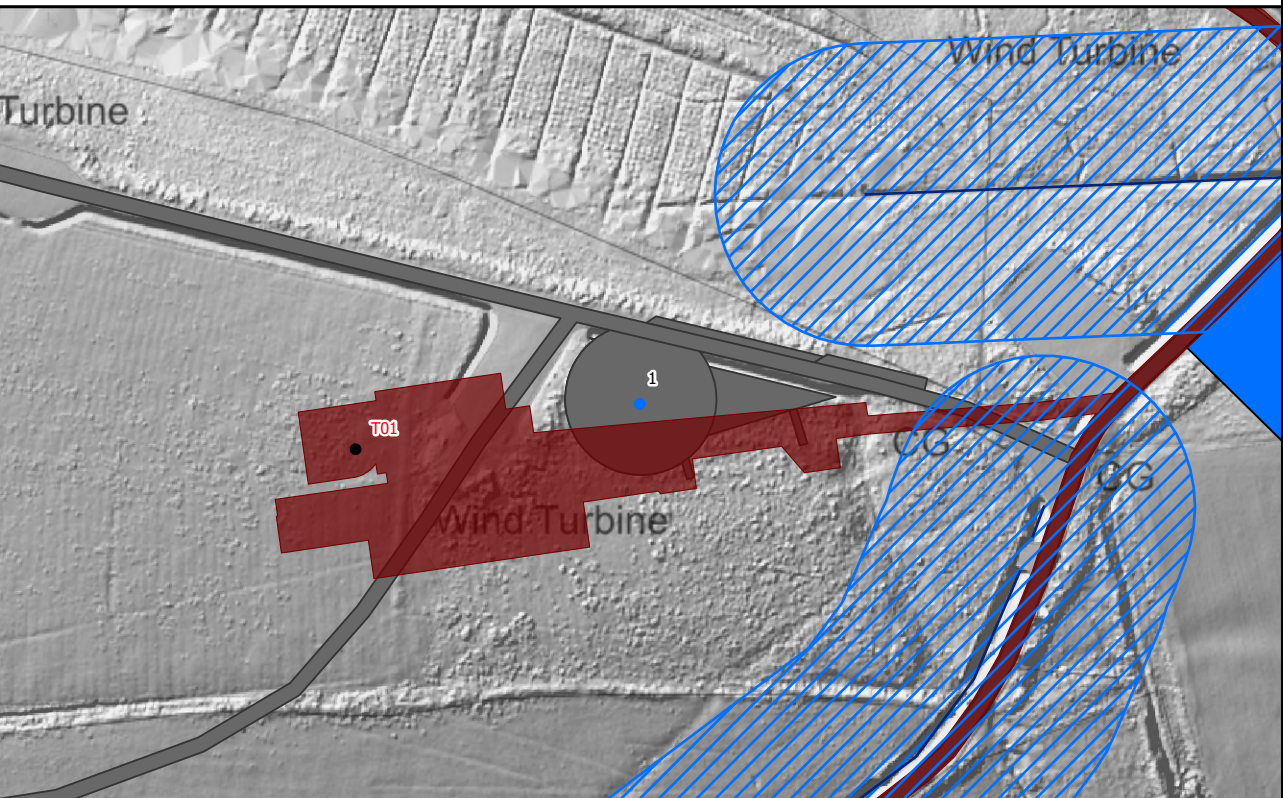
Engineering: The orientation of the hardstand has been positioned as such to follow the contours of the land to reduce the required cut and fill during construction. The entry to the spur aligns with the current water course crossing from Tangy I/II. This crossing will need to be upgraded as part of the new development. The plan for turbine component deliveries is to reverse loaded delivery vehicles in to the spur for T02 and then enter the spur for T01 in a forward direction. The distance from T01 to the main spine road is short enough to allow for delivery vehicle to reverse off the hard stand and exit the site without the need for a additional dedicated turning head.



Geology Impacts: The larger hardstand required the platform to be rotated clockwise. All proposed infrastructure within current consented 50m micro-siting buffers. All proposed infrastructure in similar shallow peat depths.



Ecology Impacts: The new location for the infrastructure sits within the same NVC areas as the consented development. The infrastructure will be located in predominantly M23, Mire with the spur crossing existing wind farm track and some M20 Mire.



Hydrology Impacts: The platform and the ancillary features are positioned outside of the 50m water course and private water supply buffers. The infrastructure within the water course buffer builds on existing track and water course crossings that are used on the operational Tangy I/II windfarm.

- 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
 - M20
 - M23
 - MG10
 - MG7

- Hydrology**
- Watercourse (OS Vector)
 - Watercourse 50m Buffer

Scale 1:2,500 @ A3

0 80 m

N

Figure 2.12a
Infrastructure Design Review
- Turbine 01

Tangy IV Wind Farm
S36C EIA Report 2026
Proposed Varied Development