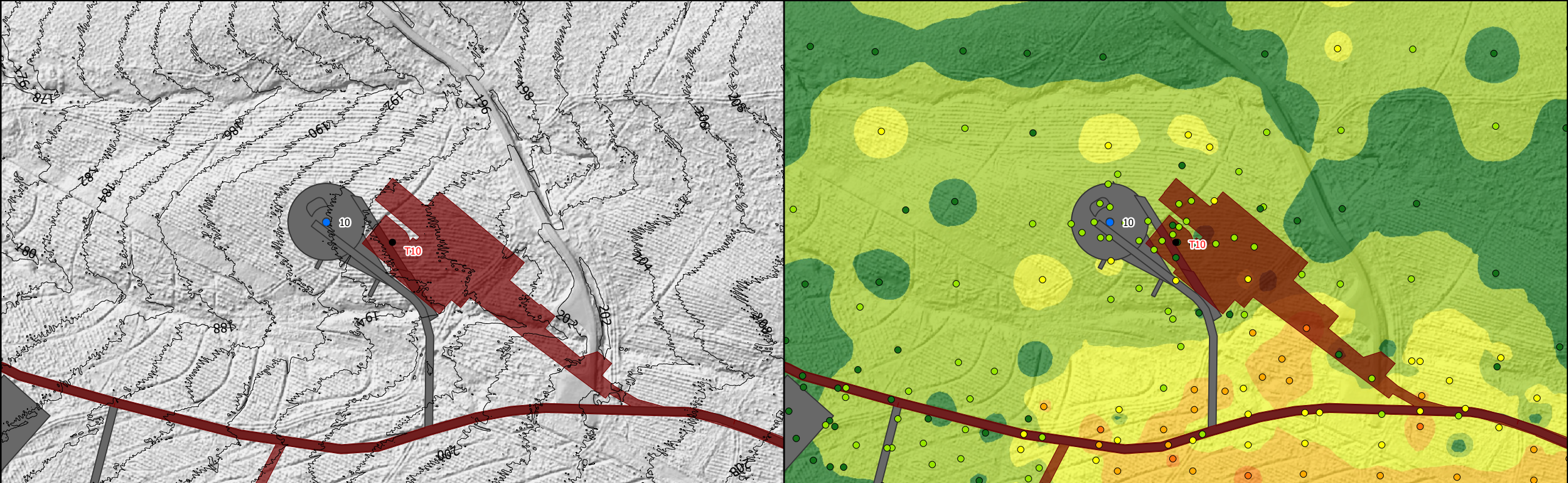
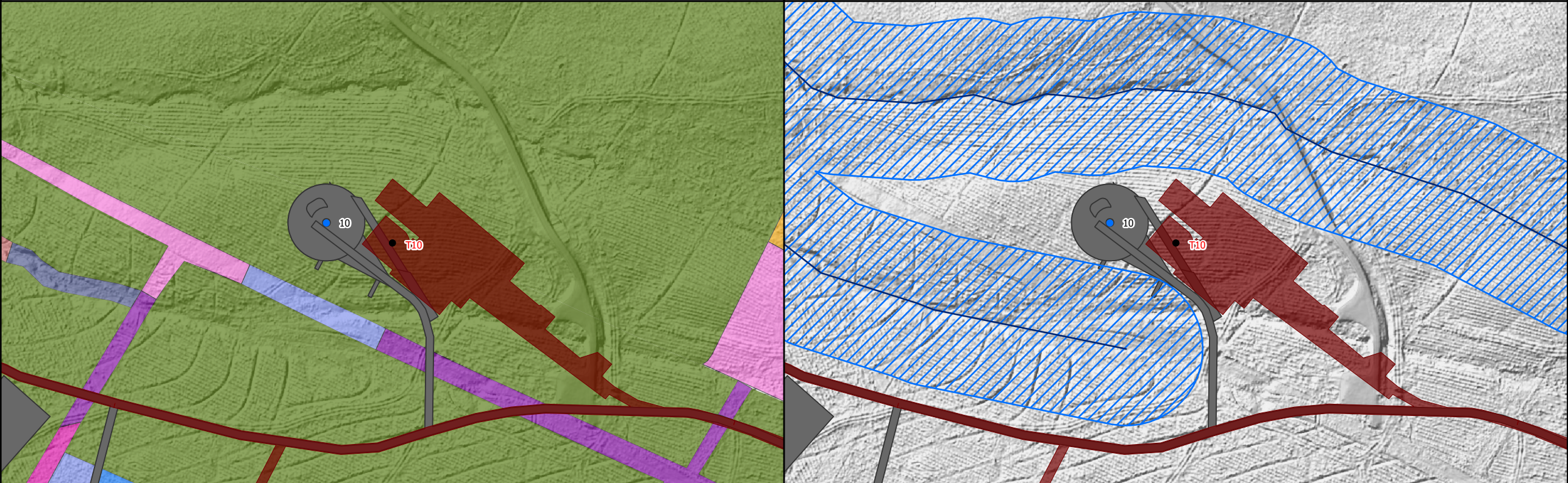


T10: Reason for Moving: This turbine has been moved to allow for the larger hardstand infrastructure to fit between water course buffers to the North and South of the location. The consented location would require a breach of these buffers.



Engineering: The hardstanding and track alignment has been updated to fit with peat pockets. The consented alignment of the track would not allow for the hardstand to tie in with the track. The plan for turbine deliveries is to drive to T11 and use the loaded turning head to turn the vehicles. This will allow them to enter the T10 hardstand in a forward direction. Once unloaded the vehicles will reverse off back onto the track towards T11 and then exit the site.

Geology Impacts: The new orientation of the hardstand avoids a deeper pocket of peat that the consented layout went through. The track has been position so that peat impact is minimised as much as possible cutting between deeper areas.



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: The turbine infrastructure has been place outside of 50m water course buffers to the North and South. Any microsinig during construction would be limited in this direction to ensure that this buffer is maintained. In reality microsinig would be limited to a south easterly direction.

- 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
 - M15/M25/W2
 - M19
 - M20
 - M23
 - M23/M15
 - M5/W23/MG1

Hydrology

- Watercourse (OS Vector)
- Watercourse 50m Buffer

Scale 1:3,000 @ A3

0 80 m



Figure 2.12j
Infrastructure Design Review
- Turbine 10