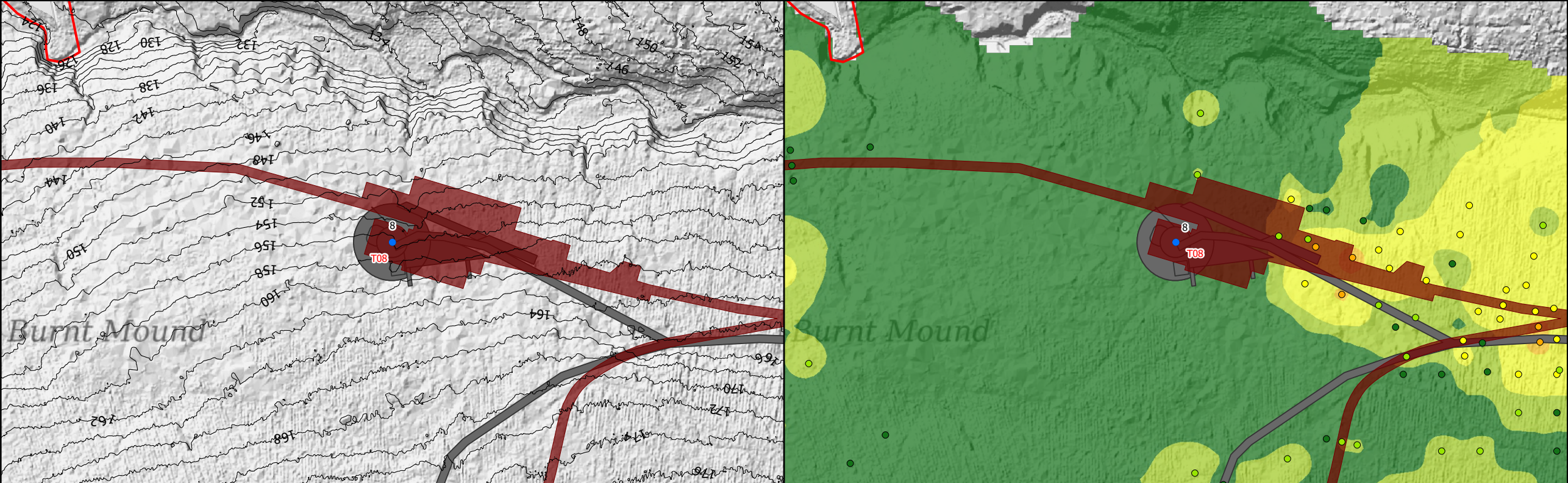
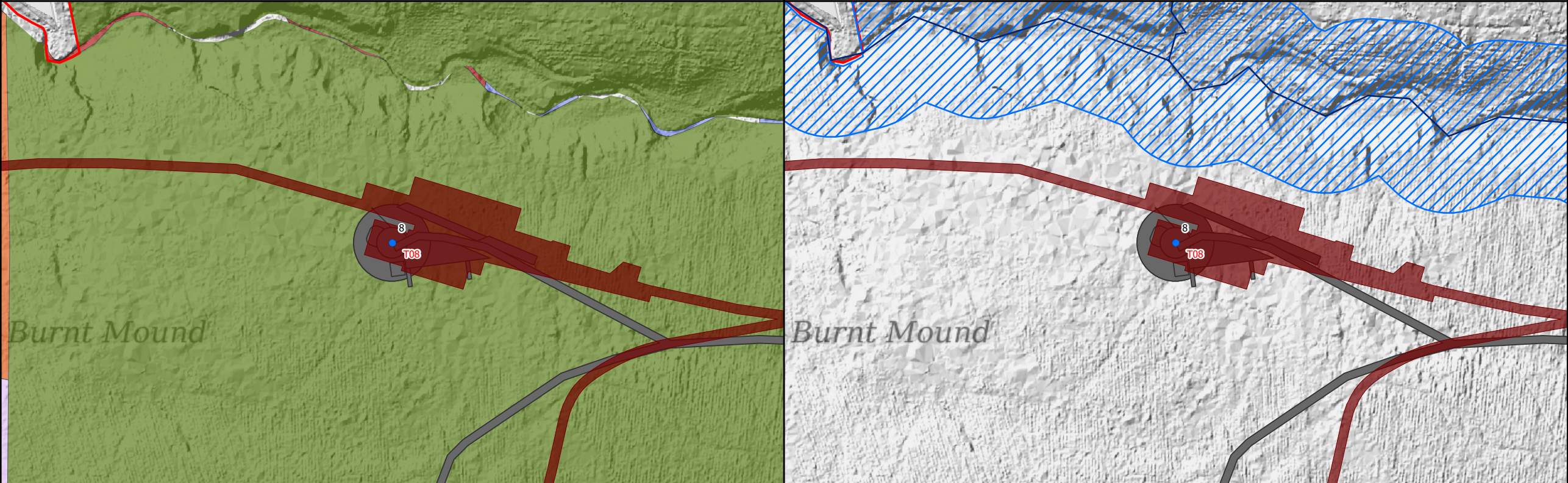


T08: Reason for Moving: This turbine location has not moved from the current consented location.



Engineering: There has been some change to the site tracks to accommodate the new hardstands. To the west of the turbine location a substation platform has been position so that it sits at a suitable distance from the turbine relating to topple distance. This is at 1.5 times the turbine tip height, resulting in a 300m distance between the two. The plan for turbine deliveries is to drive past the end of the spur to T08 and use either a junction to T15/T16 or the loaded turning head at T11 to change direction. The deliveries can then be main in a forward direction on to the hardstand. To exit the vehicles could potentially use the substation platform to turn, or reverse back to the near junction near T09 and then leave the site.

Geology Impacts: The infrastructure has been positioned to have a similar impact to the peat to that of the consented layout. The main areas of excavation have been located in an area of little to no peat coverage.



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 place outside of a 50m water course buffer to the North. Any microsiniting 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

- Ecology**
- NVC
- Coniferous Woodland
 - M15
 - M23
 - M25
 - MG10
 - MG9

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

Scale 1:3,000 @ A3

0 80 m

N

Figure 2.12h
Infrastructure Design Review
- Turbine 08