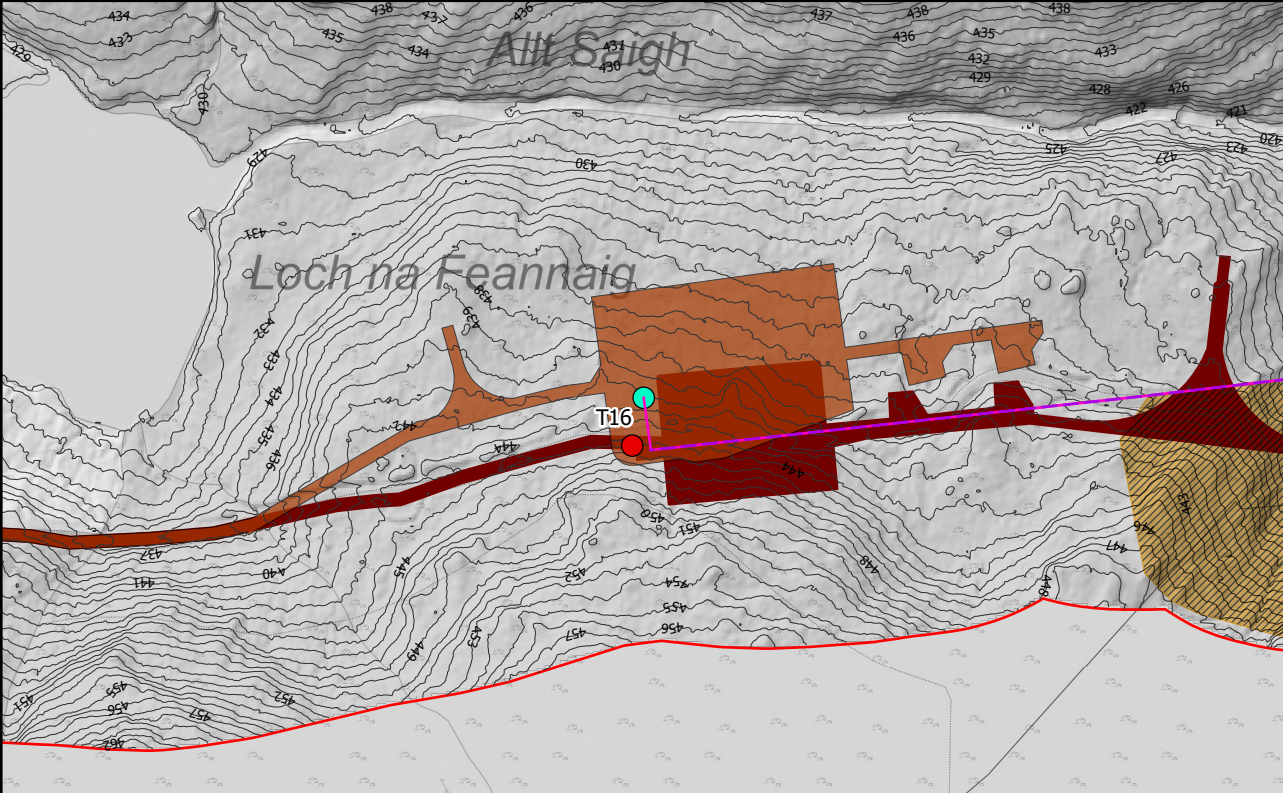
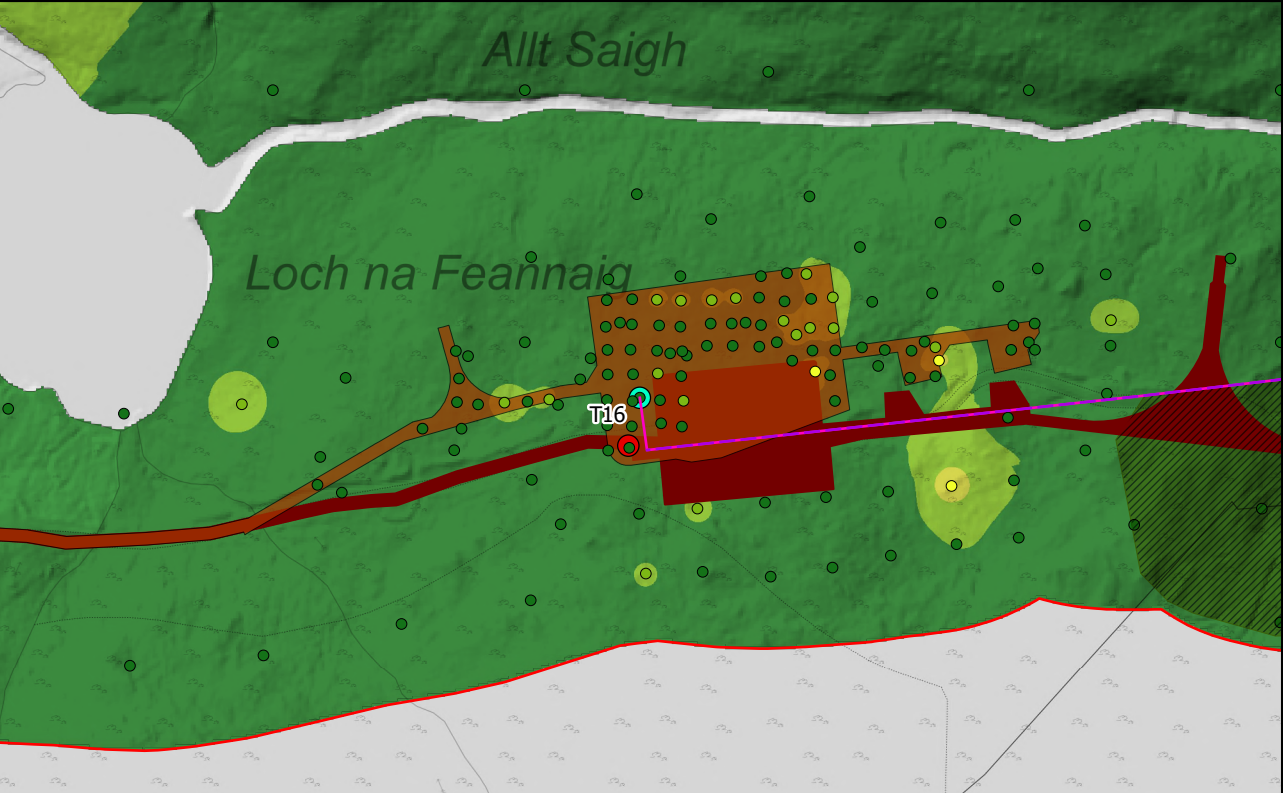


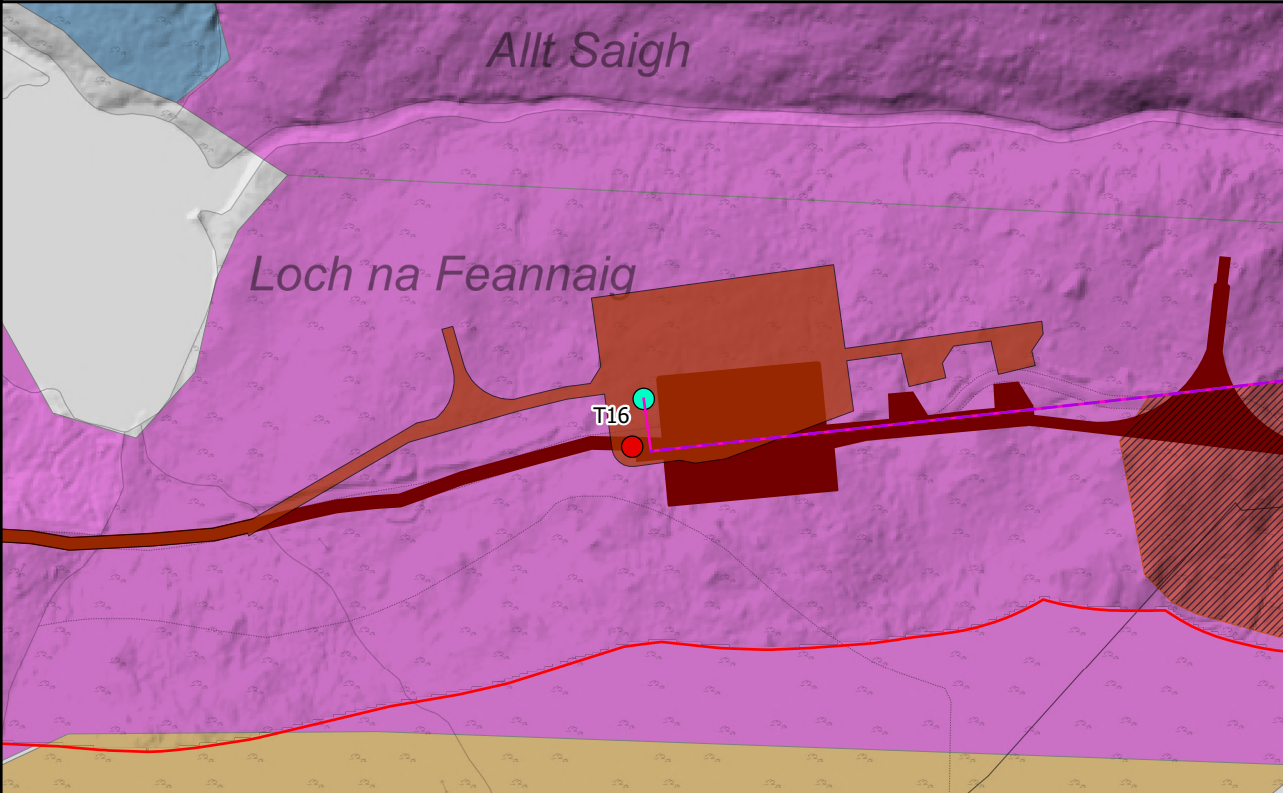
**T16: Reason for Moving:** The proposed location of the turbine has not moved significantly from the consented position. The small move in location has been driven by the need to accommodate the larger hardstand for the turbine being considered for this project. Suitable distance from the communication mast link has been maintained to provide the opportunity to remove the need for a new mast east of this turbine location.



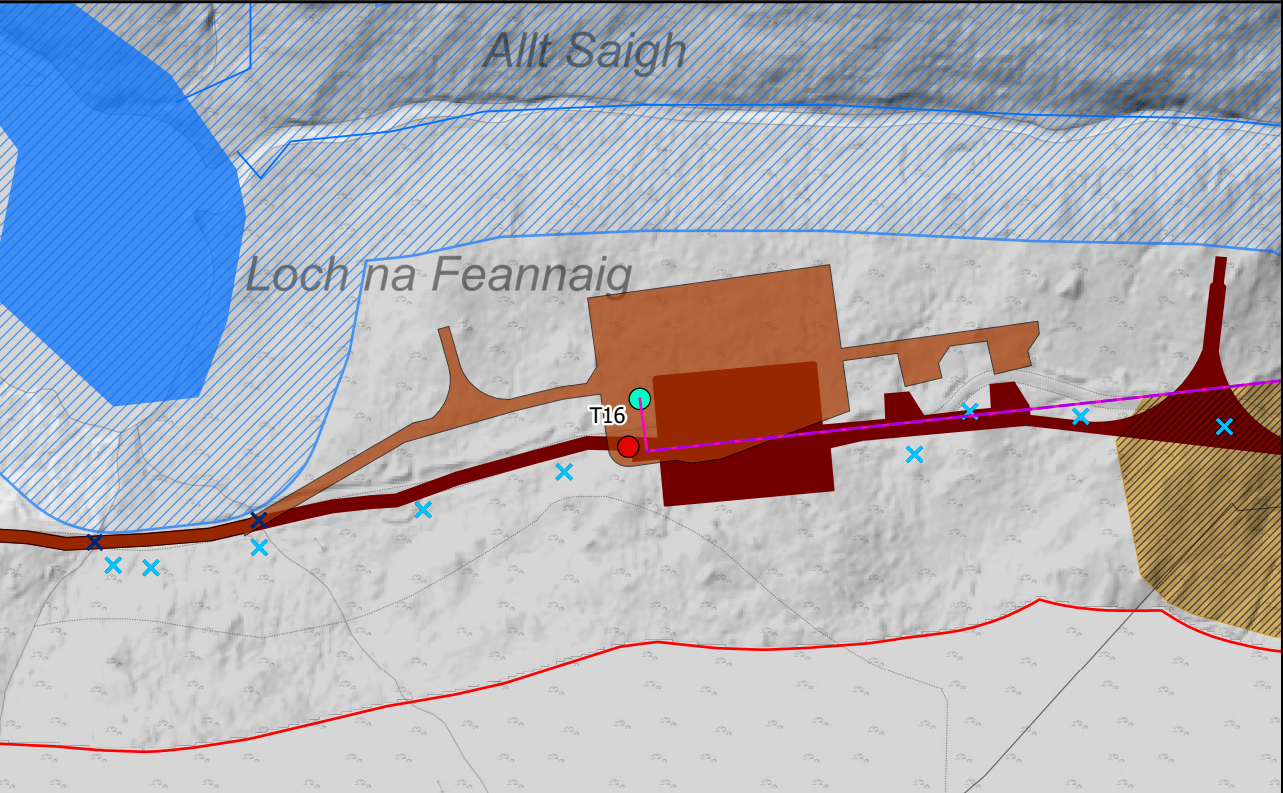
**Engineering:** The hardstand has been increased in size towards the North to take advantage of the relatively flat topography of the section between the Allt Saigh to the north and the existing Hydro track, minimising required earthworks and avoiding the steeper hill to the South.



**Geology Impacts:** The consented and proposed infrastructure is located predominantly in shallow peat and some impact on medium peat depths. The proposed layout removes the need for a loaded turning head and approximately 150m of track to the east of the turbine. Should a new communication mast be required a lower capacity road would be required to get out to the mast location. All proposed infrastructure is located in the consented 50m micro-siting buffer.



**Ecology Impacts:** As with the current consented infrastructure, the new layout is entirely within Wet Heath (M15c).



**Hydrology Impacts:** The proposed location is outside the 50m water buffers.

## Legend

- Site Boundary
- Consented Turbine Location
- Proposed Varied Turbine Location
- Consented Indicative Cross Country Cable Route
- Proposed Varied Indicative Cross Country Cable Route Alignment
- Proposed Varied Development Layout
- Consented Development Layout
- No Change to Consented Development
- Consented Borrow Pit Excluded From Proposed Varied Development

## Engineering

1m Contour

## Geology

### Peat Depth (m)

- 0 - 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- > 2
- 0 - 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- > 2
- Potential Peatland Restoration Areas

## Ecology

### NVC

- M15c
- M15d
- M17/M17a/M18a/M19a

## Hydrology

- Consented Water Crossing
- Revised Water Crossings
- Watercourses (Based on OS 50k)
- Waterbodies (Based on OS 50k)
- 50m Water Buffer (Based on OS 50k)

Scale 1:3,000 @ A3

0 80 m



**Figure 2.1n**  
**Infrastructure Design Review**  
**- Turbine 16**

**Bhlaraidh Wind Farm Extension**  
**S36C Varied Development**