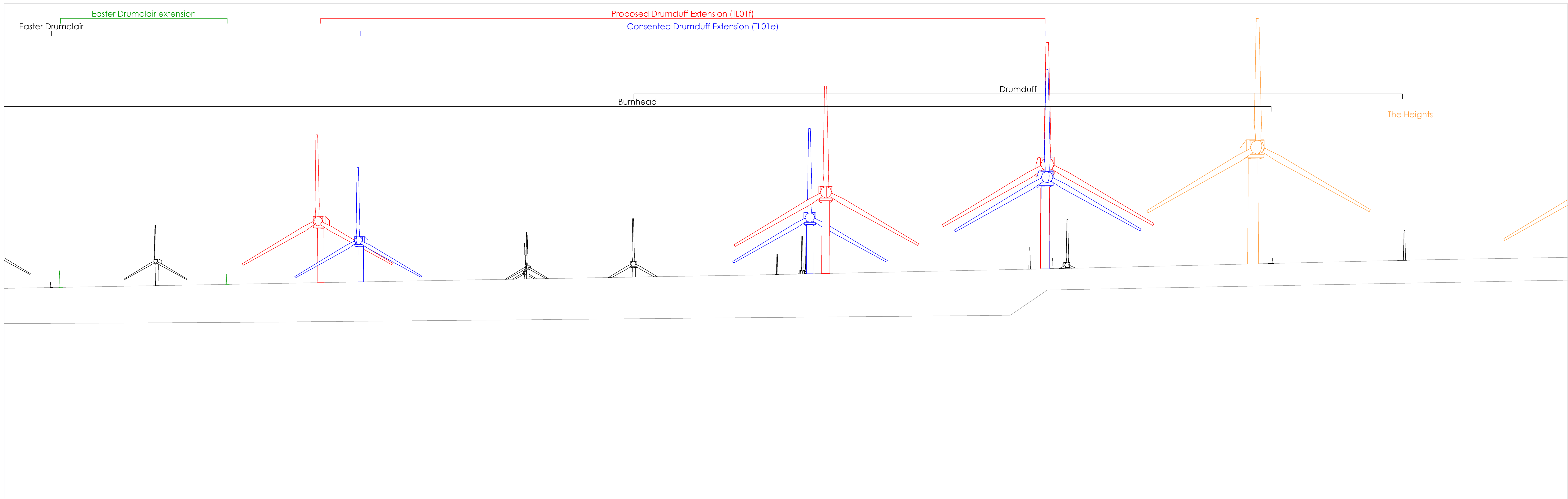
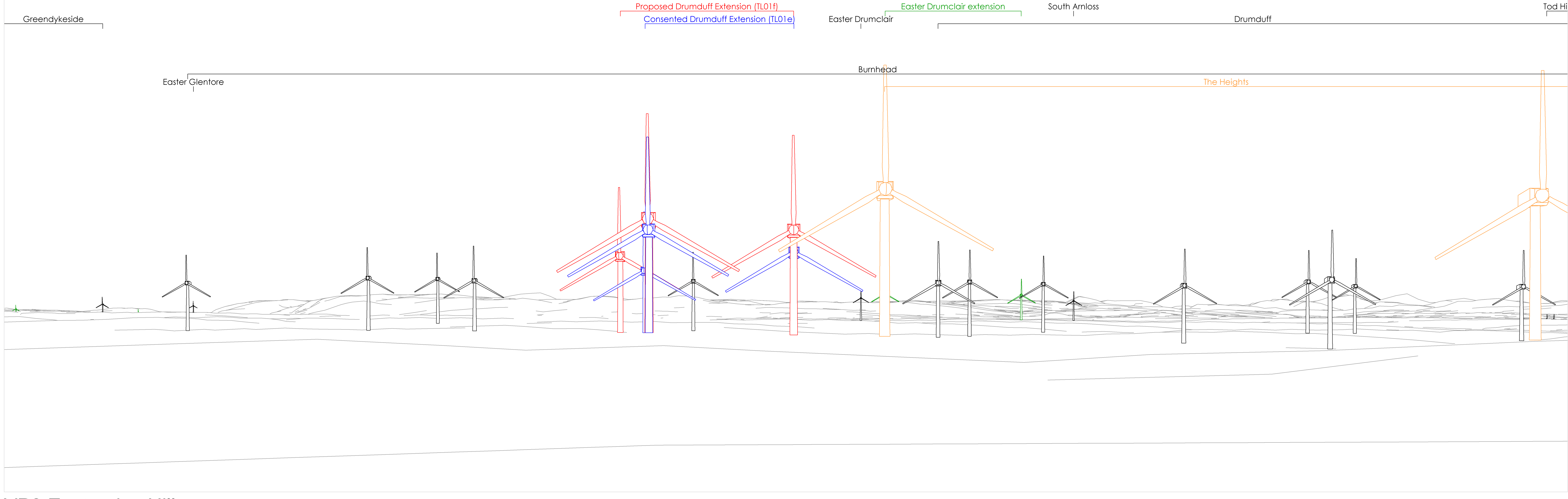


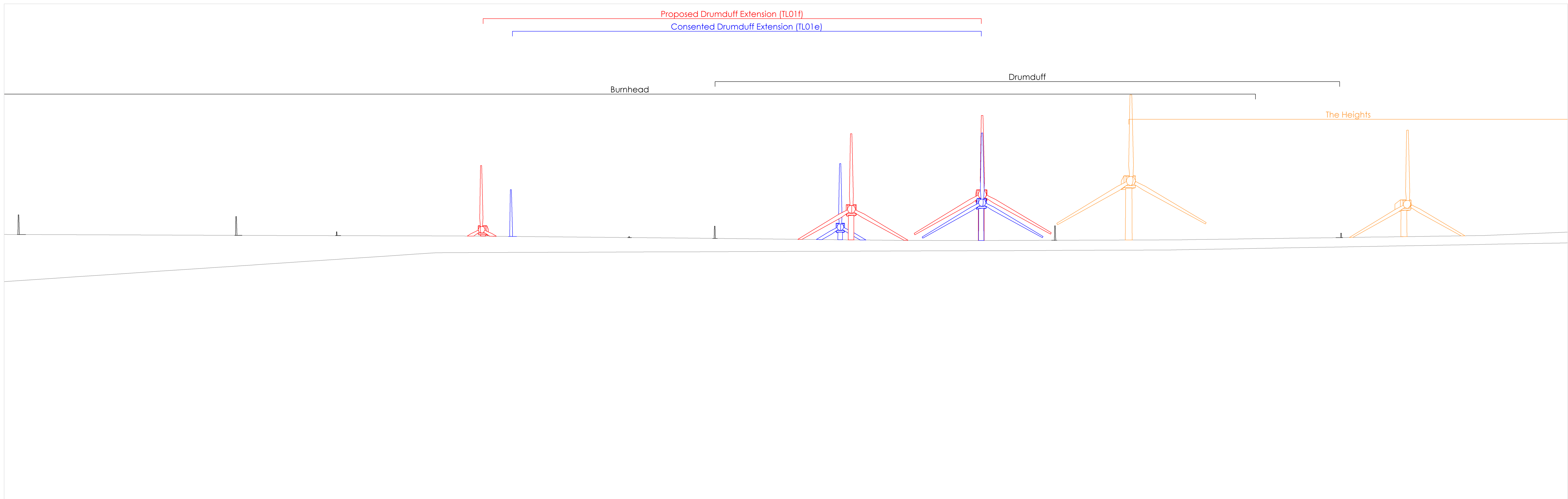
VP1 Blawhorn Moss



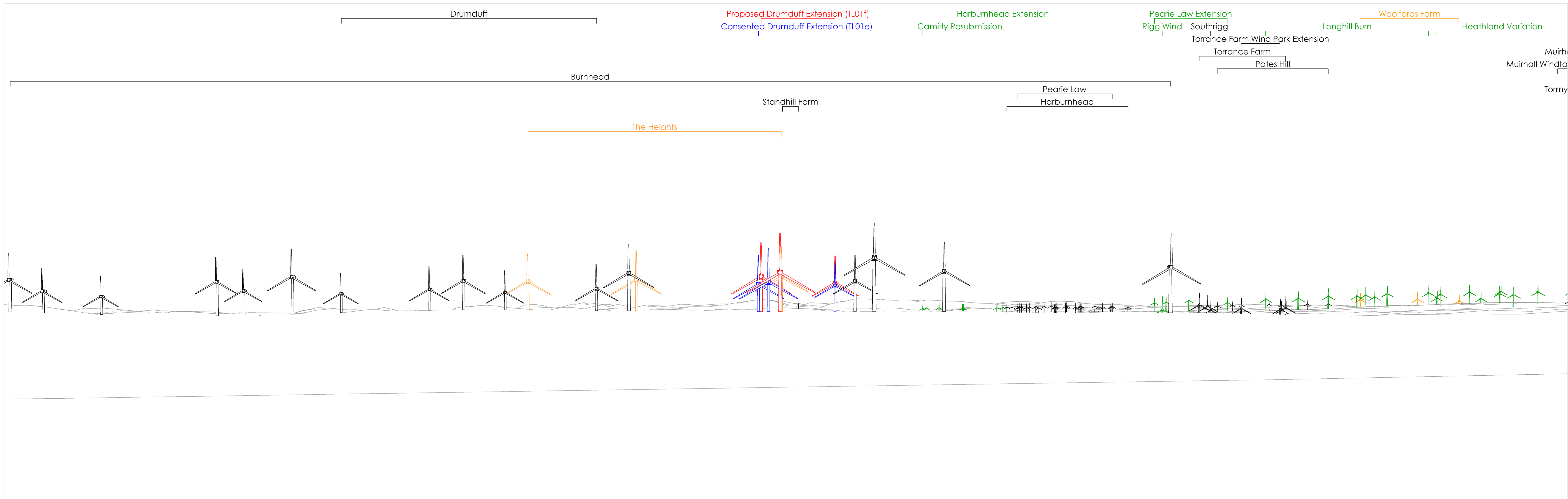
VP2 View north from Beechbrae Woodland Centre



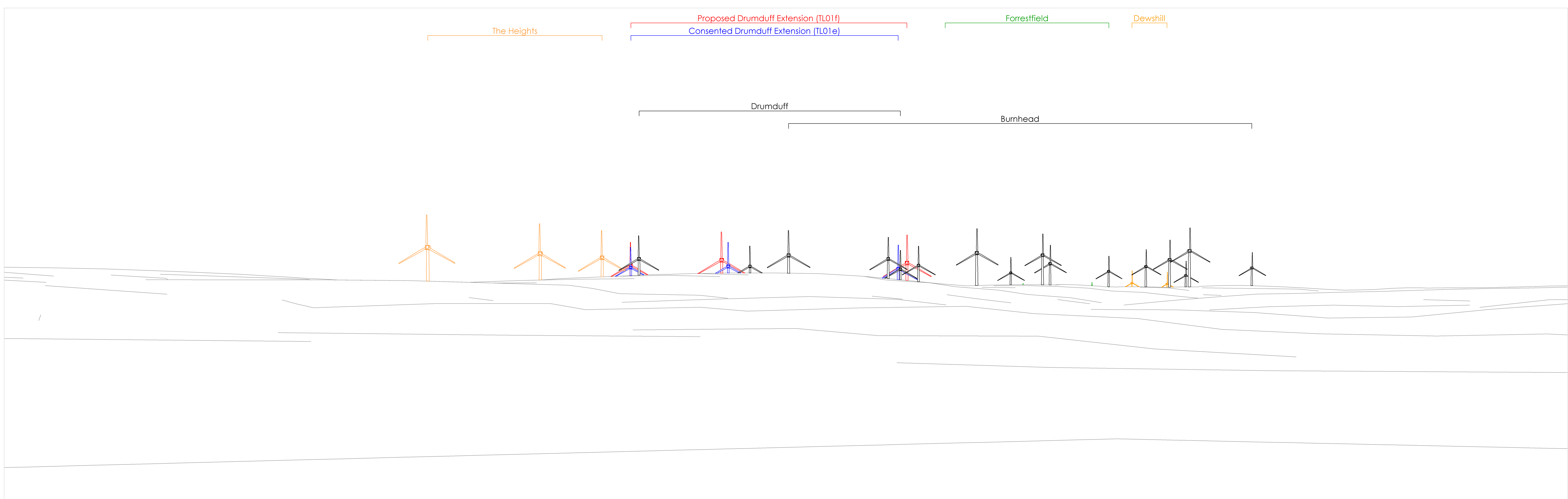
VP3 Eastcraigs Hill



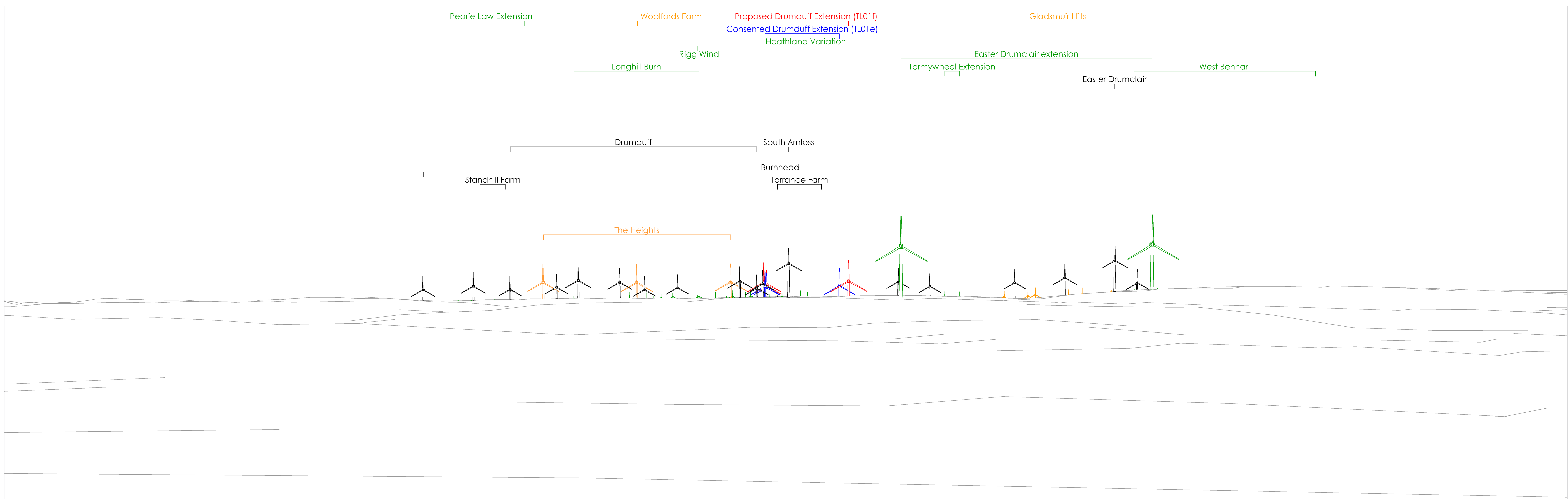
VP4 View north Junction of Heights Road and Hillside Place



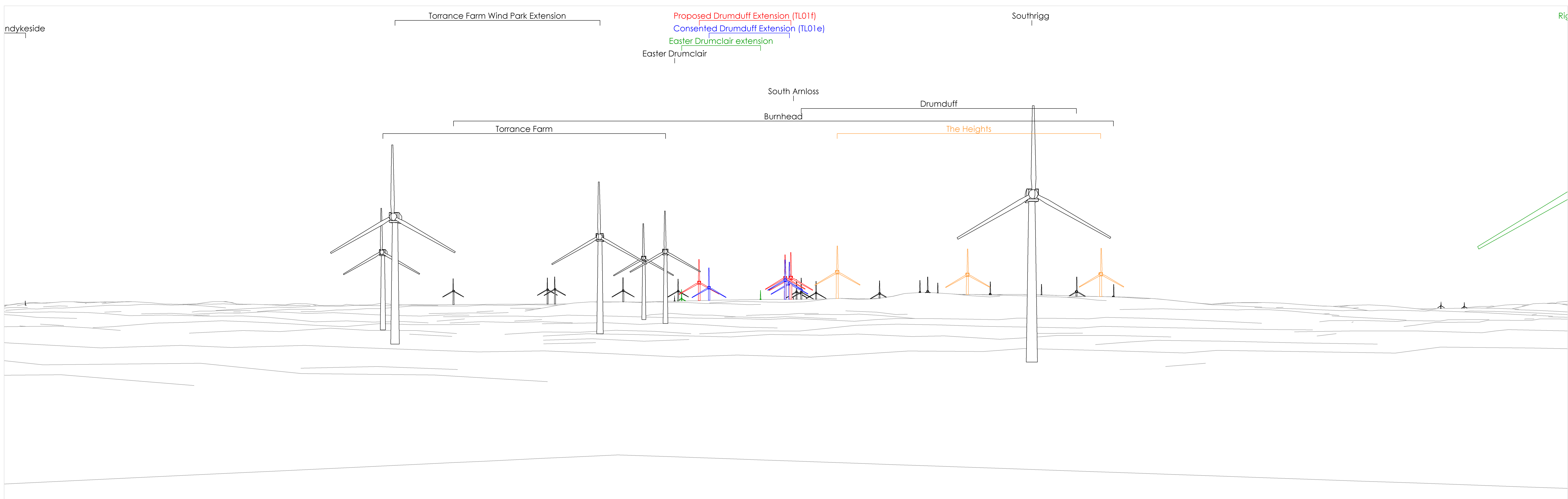
VP5 Black Loch



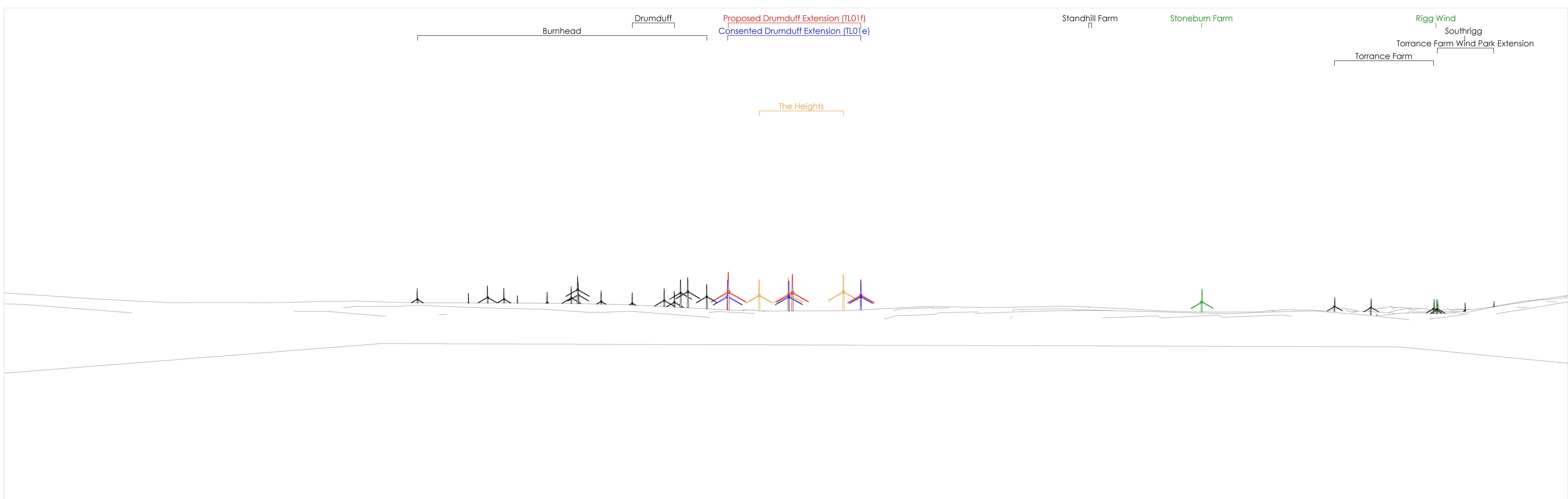
VP6 View south from Avonbridge, beside Avonbridge Parish Church



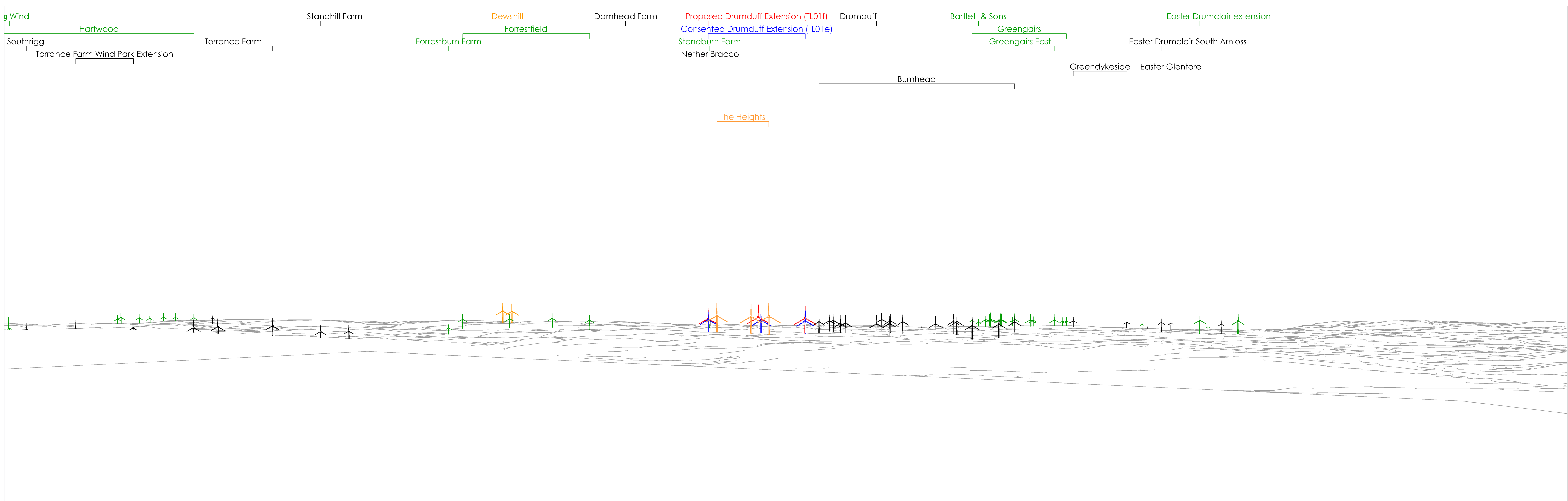
VP7 Minor Rd north of Slamannan, east of Dyke Farm



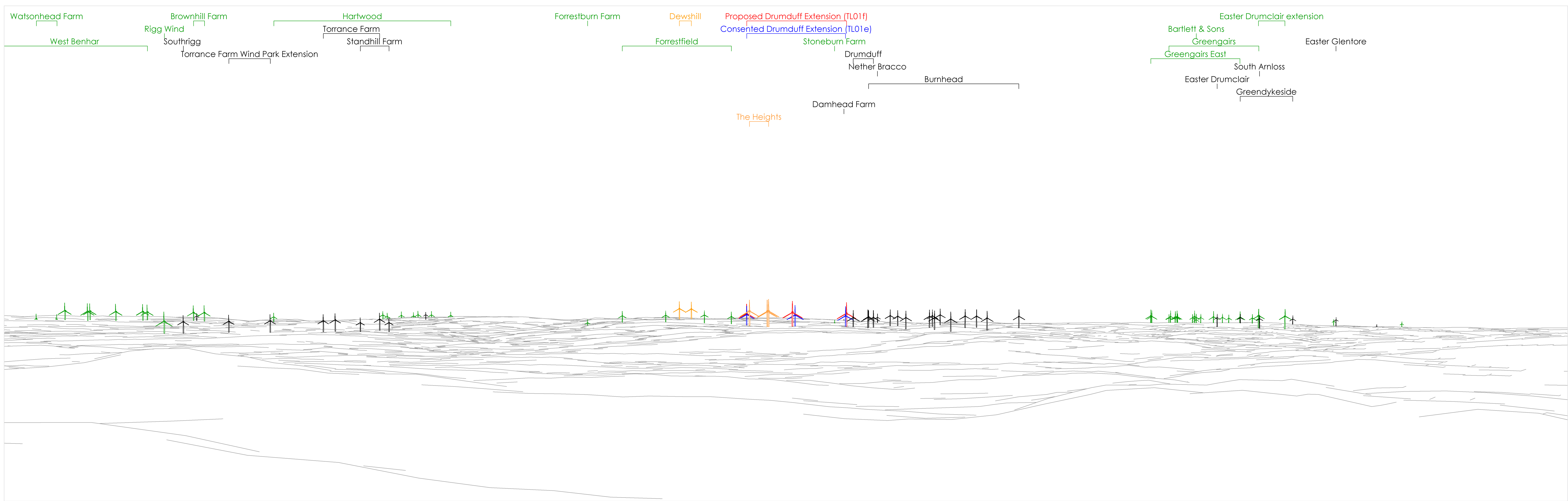
VP8 Adjacent to Golf Driving Range at Polkemmet Country Park



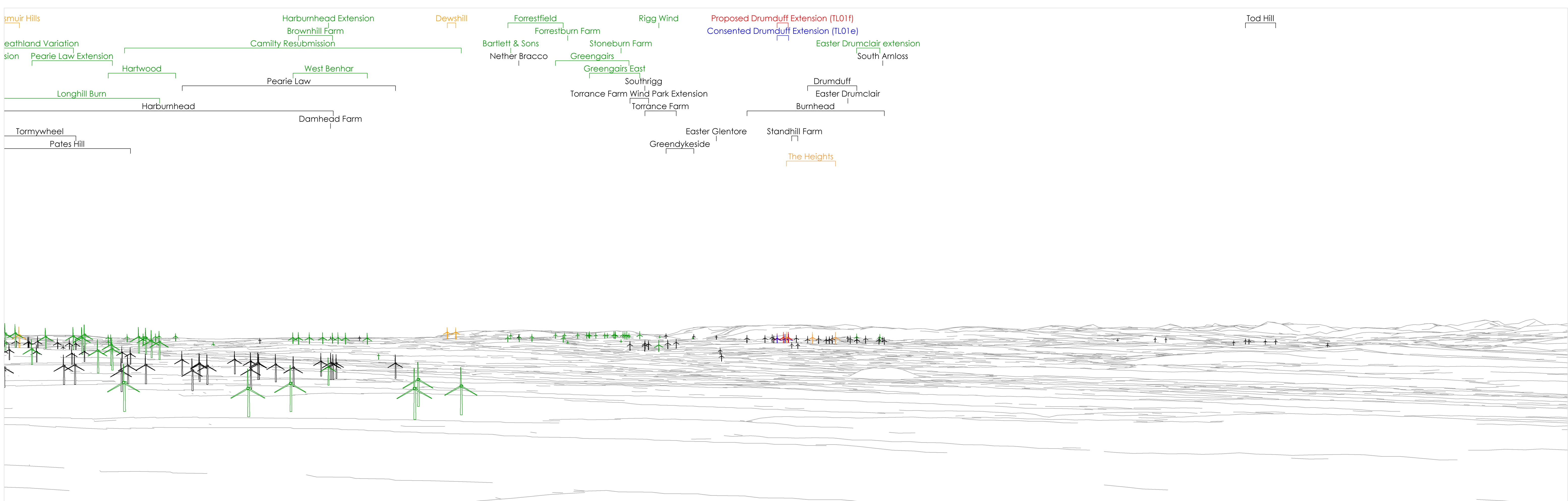
VP9 Hillend Reservoir, Caldercruix



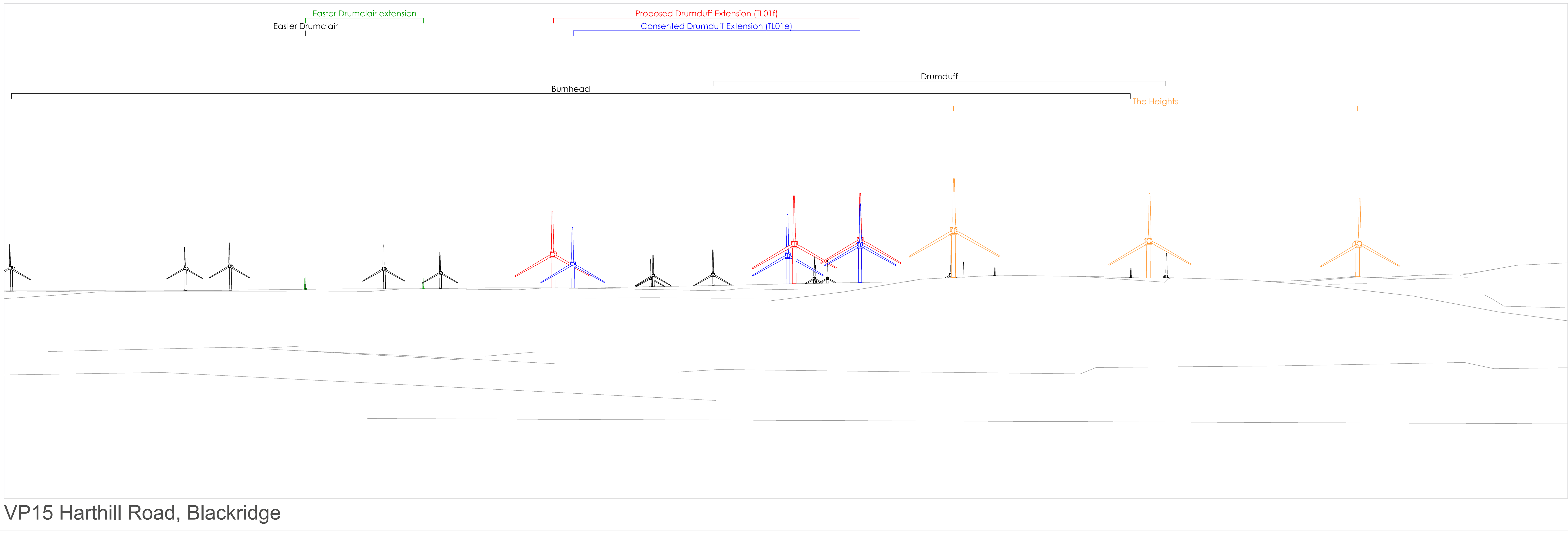
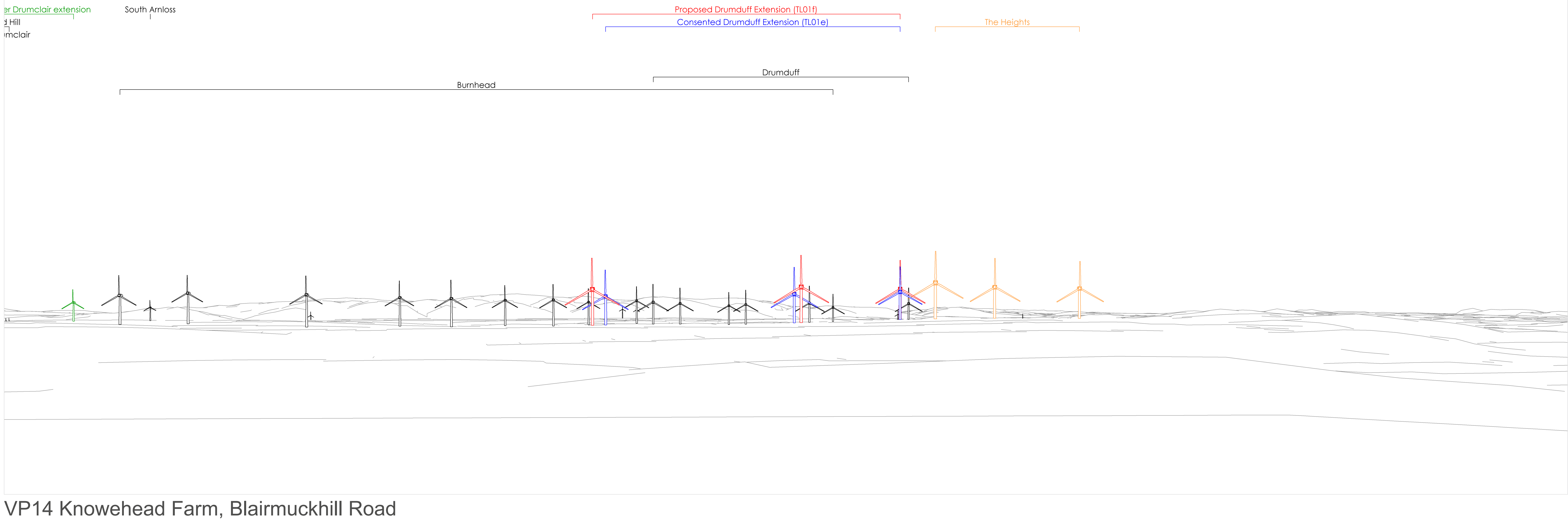
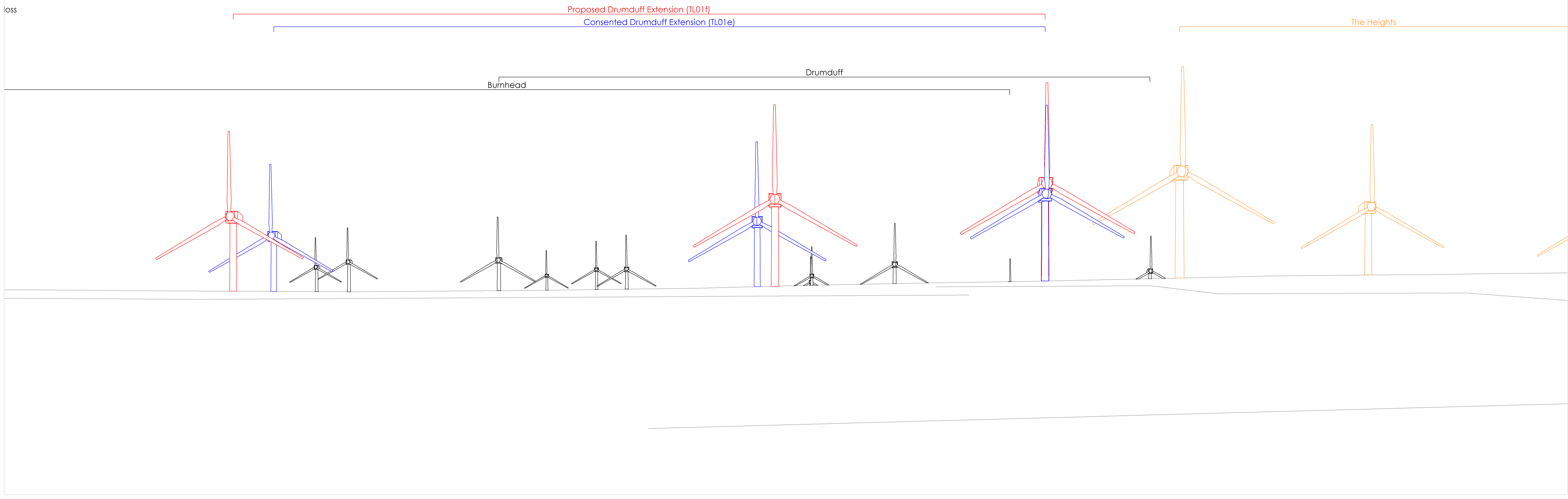
VP10 Henge and Cairn at Cairpapple Hill



VP11 Wallace's Bed, Bathgate Hills



VP12 West Cairn Hill, Pentland Hills



# Drumduff Extension Wind Farm

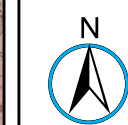
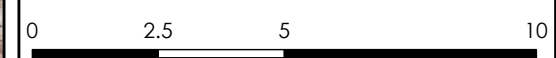
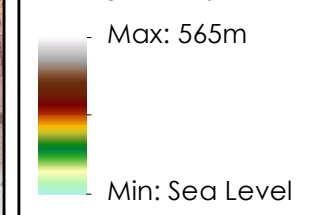


## Viewpoint Location Plan

### Key

- Turbine - 150m tip height
  - Turbine - 180m tip height
  - 5km site buffers to 20 km
  - Landscape viewpoint
- 1 - Blawhorn Moss
  - 2 - Beechbrae Woodland Centre
  - 3 - Eastcraigs Hill
  - 4 - Junction of Heights Road and Hillside Place
  - 5 - Black Loch
  - 6 - View south from Avonbridge, beside Avonbridge Parish Church
  - 7 - Minor Rd north of Slamannan, east of Dyke Farm
  - 8 - Adjacent to Golf Driving Range at Polkemmet Country Park
  - 9 - Hillend Reservoir, Caldercruix
  - 10 - Henge and Cairn at Cairnpapple Hill
  - 11 - Wallace's Bed, Bathgate Hills
  - 12 - West Cairn Hill, Pentland Hills
  - 13 - Matthews Crofts, Blackridge
  - 14 - Knowhead Farm, Blairmuckhill Road
  - 15 - Harthill Road, Blackridge

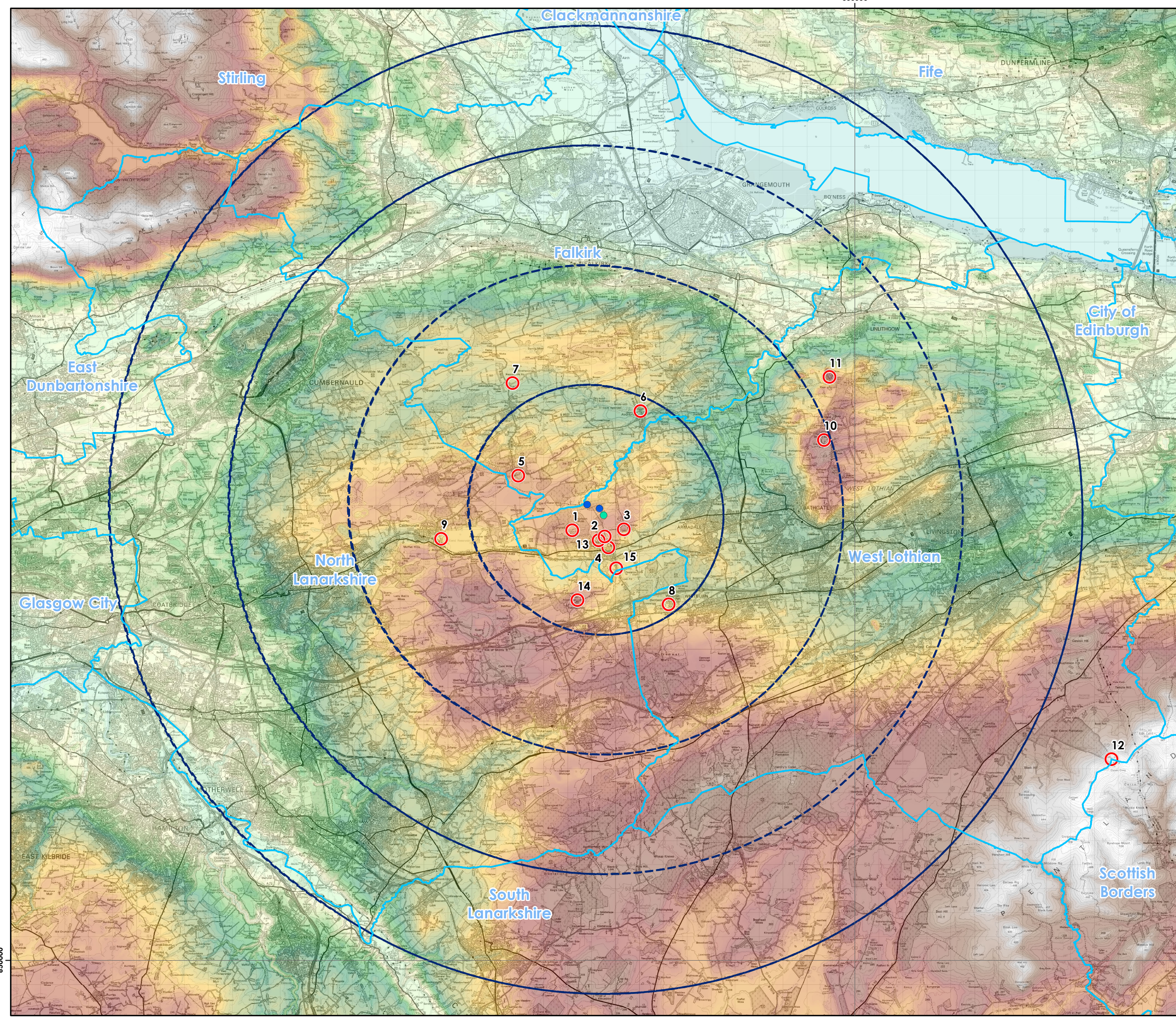
### Topography (elevation AOD)



Scale @ A3:  
1:150,000



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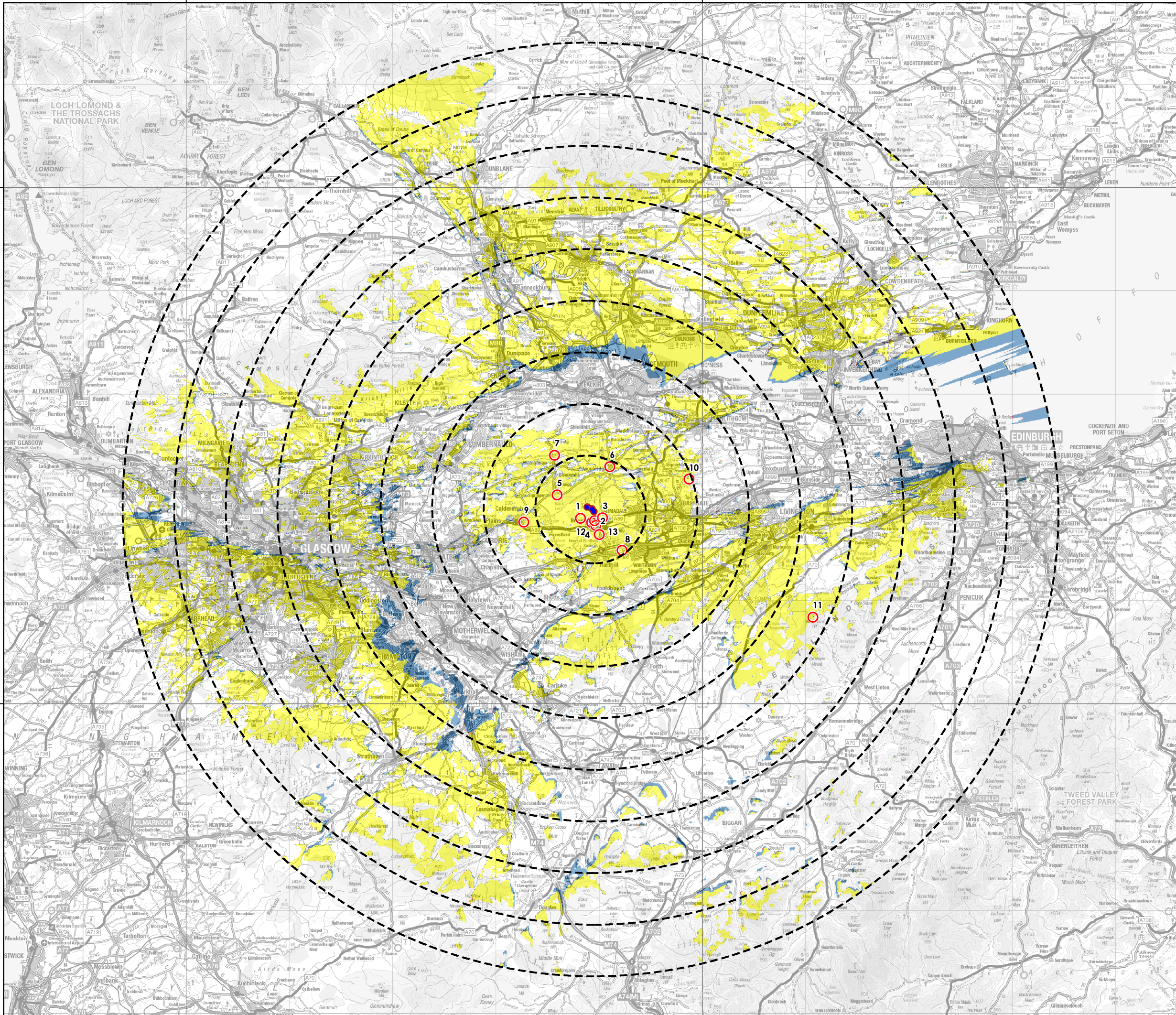


250000

300000

70000

45000



# Drumduff Extension Wind Farm

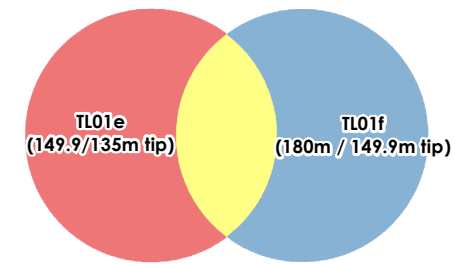


Comparative Blade Tip ZTV  
Between Consented and Proposed  
Layouts

**Key**

- Drumduff Extension TL01f proposed turbine (180m / 149.9m tip)
- Drumduff Extension TL01e consented turbine (149.9/135m)
- - - 5 km Drumduff Extension turbine buffers to 45 km
- Landscape Viewpoint

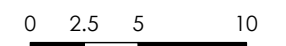
**Cumulative Zone of Theoretical Visibility**



Generated using Ordnance Survey's Terrain50 dataset which does not take into account the screening effects of buildings or vegetation.

ZTV calculated using ArcGIS 10.6 Viewshed tool with observer eye height 2m above ground and corrections for earth curvature and atmospheric refraction applied.

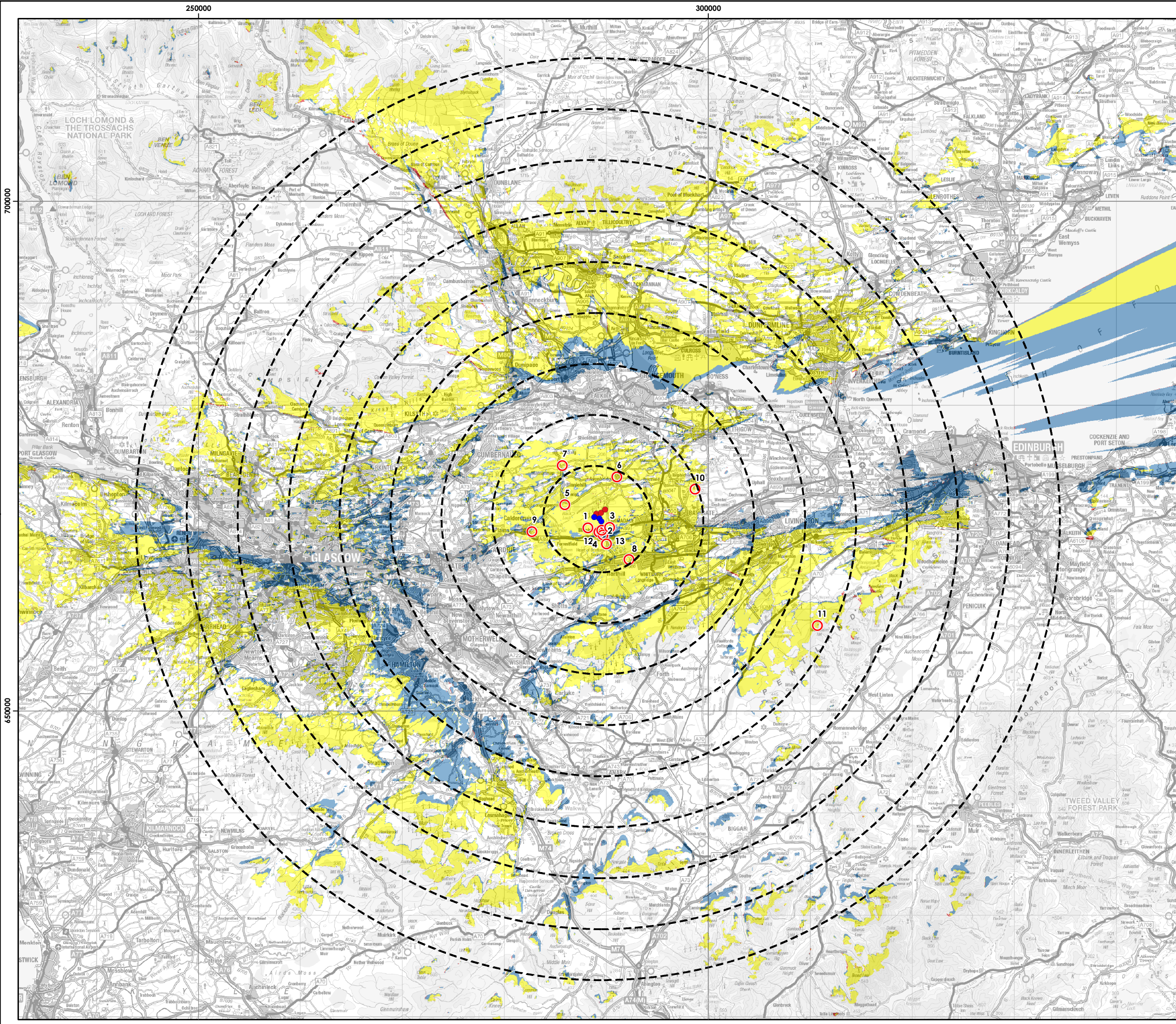
Distance of ZTV calculations based on SNH guidelines  
 Up to 50m tip - 15km      51 to 70 m tip - 20 km  
 71 to 85 m tip - 25 km      86 to 100 m tip - 30 km  
 101 to 130 m tip - 35 km      131 to 150 m tip - 40 km  
 Above 150 m tip - 45 km



Scale @ A3:  
1:350,000



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# Drumduff Extension Wind Farm

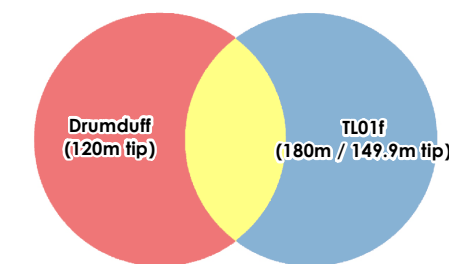


## Comparative Blade Tip ZTV Between Proposed Layout and Operational Drumduff Layout

### Key

- Drumduff Extension TLO1f proposed turbine (180m / 149.9m tip)
- Drumduff operational turbine (120m tip)
- 10 km Drumduff Extension turbine buffers to 40 km
- Landscape Viewpoint

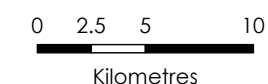
### Cumulative Zone of Theoretical Visibility



Generated using Ordnance Survey's Terrain50 dataset which does not take into account the screening effects of buildings or vegetation.

ZTV calculated using ArcGIS 10.6 Viewshed tool with observer eye height 2m above ground and corrections for earth curvature and atmospheric refraction applied.

Distance of ZTV calculations based on SNH guidelines  
 Up to 50m tip - 15km      51 to 70 m tip - 20 km  
 71 to 85 m tip - 25 km      86 to 100 m tip - 30 km  
 101 to 130 m tip - 35 km      131 to 150 m tip - 40 km  
 Above 150 m tip - 45 km



Scale @ A3:  
1:350,000



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