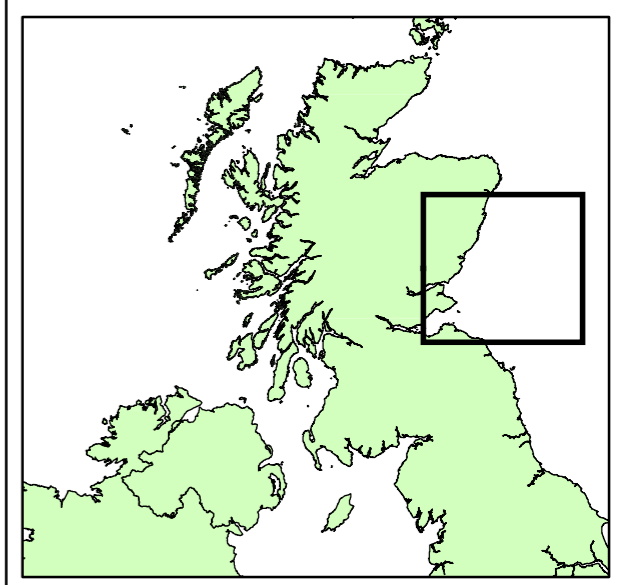


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**Landscape Designations**

- Garden or Designed Landscape
- Cairngorms National Park
- Council Landscape Designation



**Legend**

- Project Alpha and Project Bravo boundaries
- Worst case consented 2014 layout 150 turbines - max 126m hub, 210m tip
- Project Alpha turbines (70 no.)
- Project Bravo turbines (50 no.)
- 10km radii within 50km study area
- Additional 10km radii to search area
- Landscape viewpoints 1-14

**Comparative Blade Tip ZTV**

ZTV generated using Ordnance Survey's Terrain50 dataset which does not take in to account the screening effects of buildings or vegetation.  
ZTV calculated using ArcGIS 10.3 Viewshed tool with observer eye height 2m above ground & corrections for earth curvature and atmospheric refraction applied.

**Coordinate System**  
 UTM Zone 30 North (WGS84)  
 Projection: Transverse Mercator  
 Central Meridian: -3° East  
 Scale Factor: 0.9996  
 Latitude of Origin: 0° North  
 False Easting: 500000.0  
 False Northing: 0.0  
 Reference Spheroid: WGS84  
 Semi-major Axis: 6378137.0  
 Inverse Flattening: 298.2572236



Project:  
**Firth of Forth Offshore Wind Farm**



Figure / Drawing Title:  
**Landscape Designations with Blade Tip Height ZTV Overlays for Project Alpha, Project Bravo and the Consented 2014 Layout**

Figure/Drawing Number: FIGURE 13.13 / 47400\_ZV\_021c

UNLESS THE REVISION IS B OR HIGHER THE DRAWING IS NOT TO BE USED FOR DESIGN OR CONSTRUCTION

REV	DATE	DESCRIPTION	BY	CKD	APPR DEV	APPR ENG
B0	27 JUN 2018	FOR FORMAL SUBMISSION	WW	NB	LR	HD