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Visual receptors
- Key Settlement / Place
- A Road / Primary Road
- B Road
- Railway
- Sustrans cycle route

Long Distance Paths
- Fife Coastal Path
- John Muir Way
- Beach
- 1 - St Cyrus
- 2 - Montrose
- 3 - Lunan Bay
- 4 - Arbroath
- 5 - Elliot
- 6 - East haven
- 7 - Carnoustie
- 8 - Barry Sands north
- 9 - Buddon Sands
- 10 - Cambo
- 11 - Balcomie

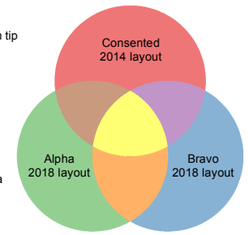
Legend

- Project Alpha and Project Bravo boundaries
- Worst case consented 2014 layout 150 turbines - max 126m hub, 210m tip

Projects Alpha and Bravo – Worst Case Scenario layouts

120 turbines - 170m hub, 280m 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

N W E S

Project:
Firth of Forth Offshore Wind Farm

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

Figure/Drawing Number: FIGURE 13.14 / 47400_ZV_022c

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

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