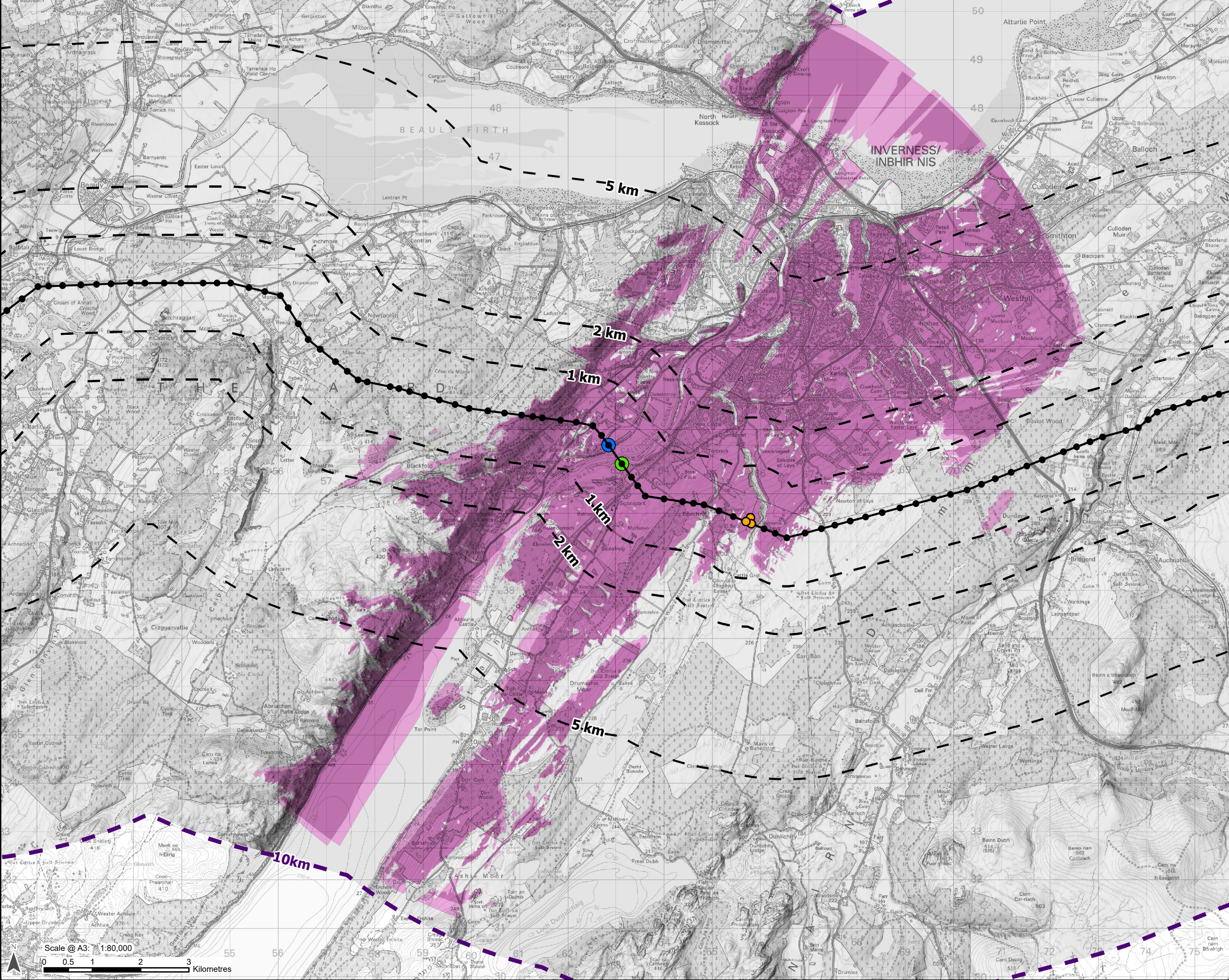




Legend

- 10 km LVIA Study Area
- Distance from Proposed Alignment : 1 km, 2 km, 5 km

Development for which Section 37
Consent is Sought

- Proposed OHL Alignment - 400 kV
- Proposed Tower – 400 kV
- Proposed Tower – Existing OHL Works (275 kV Realignment and Crossings)

Caledonian Canal Tower Height

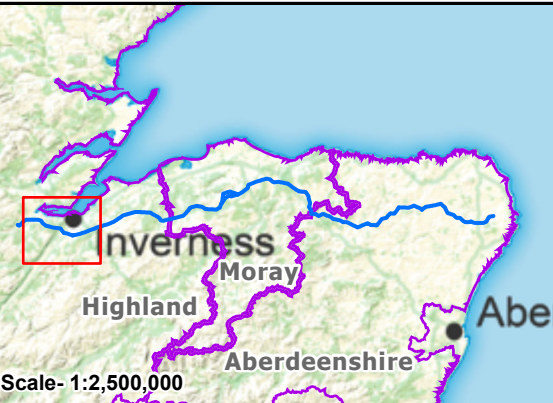
- CB1-1 (69.57 m)
- CB1-2 (96.57 m)

Zone of Theoretical Visibility (ZTV)
(Number of Towers Visible)



ZTV Note:

- 1) The theoretical visibility of taller than average towers in proximity to the Caledonian Canal is calculated based on their design heights of 69.57 m and 96.57 m. The assumed viewer eye height is 2 m above ground level. The visibility of these towers is cut off at 10 km each.
- 2) The digital elevation model assumes bare ground and is derived from OS Terrain 5 data. The ZTV does not take into consideration intervening vegetation and built forms. This presents a worst-case scenario.
- 3) Earth curvature and atmosphere refraction have been taken into account.
- 4) The ZTV is based on the Design Freeze 4.
- 5) Refer to Section 7.2 of Chapter 7: Landscape and Visual for ZTV creation methodology.



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Project: Beauly to Blackhillock to New Deer to
Peterhead 400 kV OHL Project

Title: Figure 7.3a - Zone of Theoretical Visibility
The Highland Council, Caledonian Canal Crossing
- Bare Earth

Drawn by: MAL Date: 12/09/2025

Drawing: B2P-WSP-DA-70092380-118