





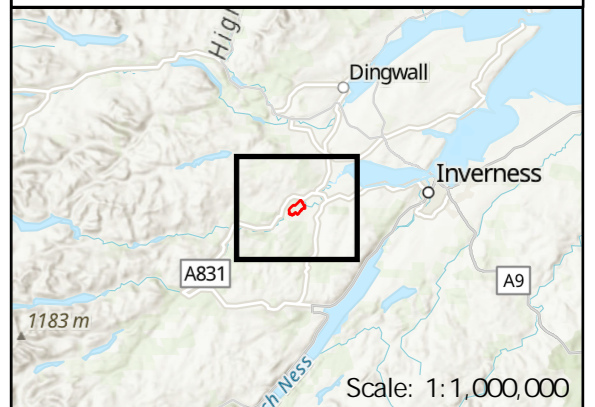


Legend

-  Site Boundary
 -  Distance from the Site Boundary
 -  Fanellan 400kV Substation & Converter Station – Development Platform
 -  Proposed Beauly to Denny 400 kV Overhead Line Permanent Diversion Tower
- Zone of Theoretical Visibility**
-  Upper Portion Visibility
 -  Upper Portion and Lower Portion Visibility

Note:

- 1) The theoretical visibility of the upper portions show the taller aspects of the structures, which is the height above 15 m.
- 2) The ZTV for the Fanellan 400kV Substation & Converter Station is calculated based on a height of 27.5 m occupying a development platform at 127 m AOD (marked in blue). The assumed viewer eye height is 2 m above ground level.
- 3) The ZTV for the Proposed Beauly to Denny 400 kV Overhead Line Permanent Diversion Towers is calculated based on their maximum height (46.11 m - 59.42 m), with a viewer height of 2 m above ground level.
- 4) The theoretical visibility of the lower portions show a modified limited height of the structures, which is set at 15 m. The rest of the parameters remain.
- 5) The terrain model is 2 m LiDAR Digital Surface Model. The LiDAR models the ground surface where there are no upstanding objects but includes the top surface of objects such as trees and buildings.
- 6) Earth curvature and atmospheric refraction have been taken into account.



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Project No: LT000459

Project: Fanellan 400kV Substation and Converter Station

Title: Figure 8.4a - Upper Portion ZTV: Fanellan 400kV Substation & Converter Station and Proposed Beauly to Denny 400 kV Overhead Line Permanent Diversion

Drawn by: MAL 26/02/25

Drawing: 70112533-WSP-DR-DA-013