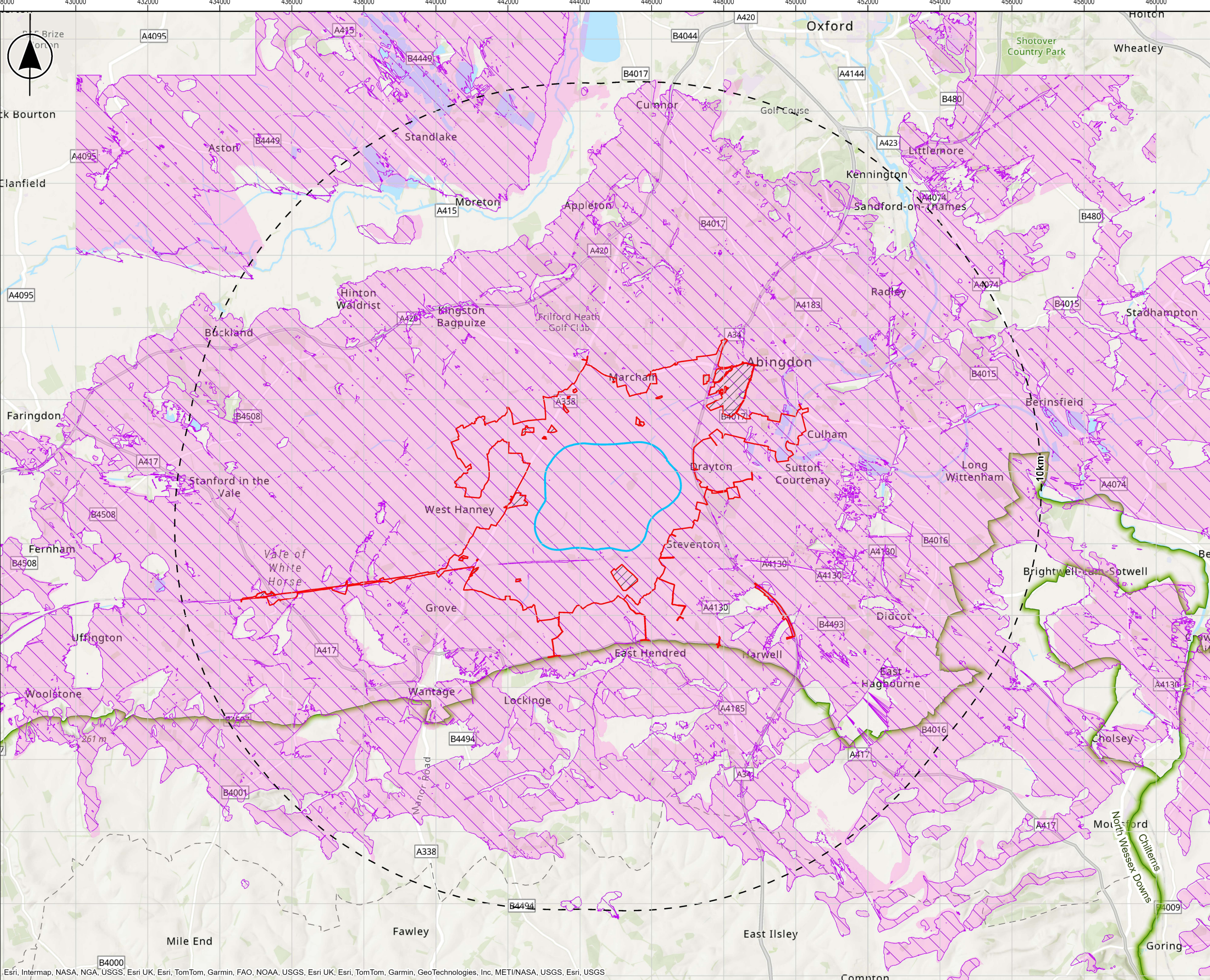
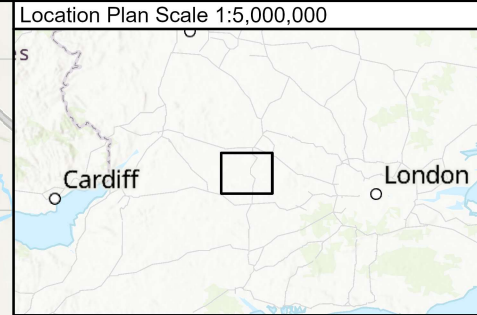




Esri, Intermap, NASA, NGA, USGS, Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS, Esri, USGS

The draft Order Limits presented in this map book may be further refined or amended following this consultation and prior to the submission of the DCO application.



- Legend**
- draft Order limits
 - Areas omitted from draft Order limits
 - Landscape and Visual Study Area: 10km from outer toe of proposed reservoir embankment
 - Outer toe of proposed reservoir embankment
 - National Landscapes
 - Zone of Theoretical Visibility of proposed reservoir crest target points
 - Zone of Theoretical Visibility of proposed buildings, main tower and secondary target points

ZTVs have been modelled using the 'Viewshed' tool in ESRI ArcGIS Pro GIS Software. A bare earth ZTV was prepared using digital terrain model (DTM) data with a resolution of 2m. This ZTV represents a worst-case scenario as it does not include features such as existing buildings or vegetation which can screen or filter views. The results are illustrated in Figure 9.4 Reservoir ZTV (bare earth / DTM), which shows areas from which the Proposed Development is theoretically visible or not visible. For all of ZTVs an assumed viewing height of 1.6m above ground level has been used to simulate the average eye level of a person set out in paragraph 6.11 of GLVIA3.

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C01	AL	CE	VL	AM	07/10/25
Revision	Authorised	Checked	Reviewed	Approved	Date
Status:	A AUTHORISED AND ACCEPTED FOR CONSULTATION				



APFP References: N/A		Security Reference: Public
Site Name: South East Strategic Reservoir Option		
Project Name: J696 South East Strategic Reservoir Option (SESRO)		
Drawing Title: Preliminary Environmental Information Report: Figure 9.4: Reservoir ZTV (bare earth / DTM)		
Scale: 1:100,000	Sheet Size: A3	Status: A
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