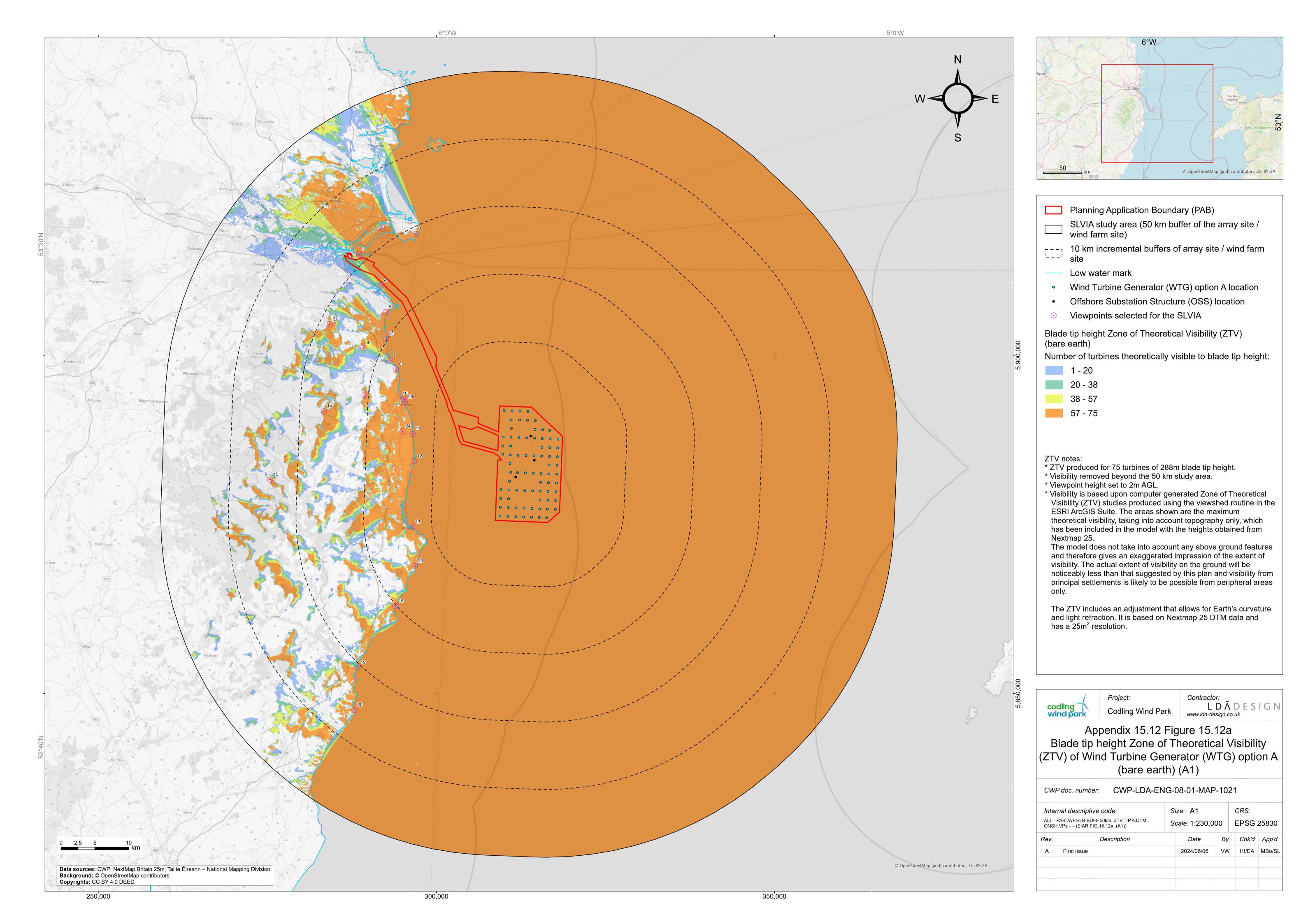


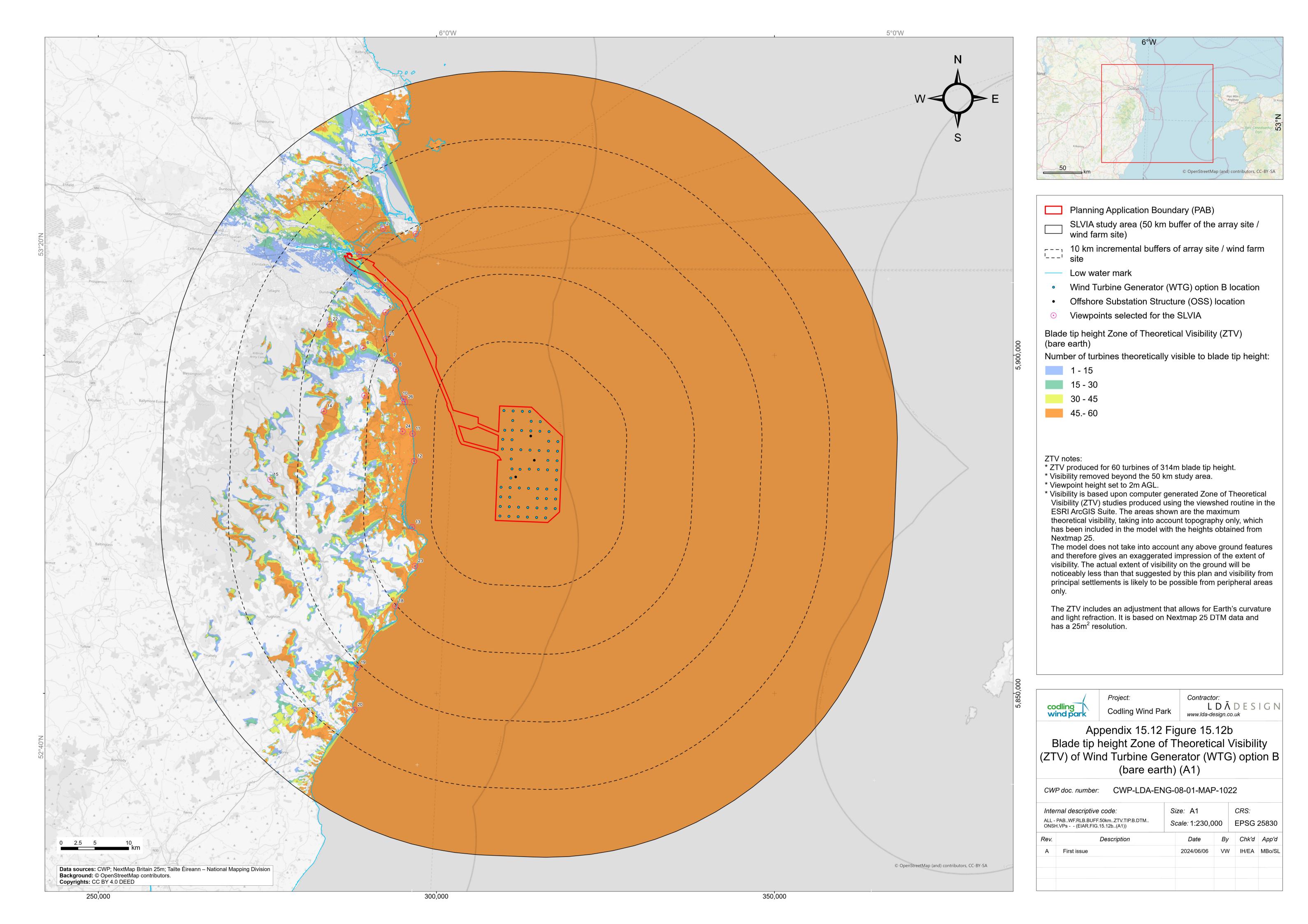


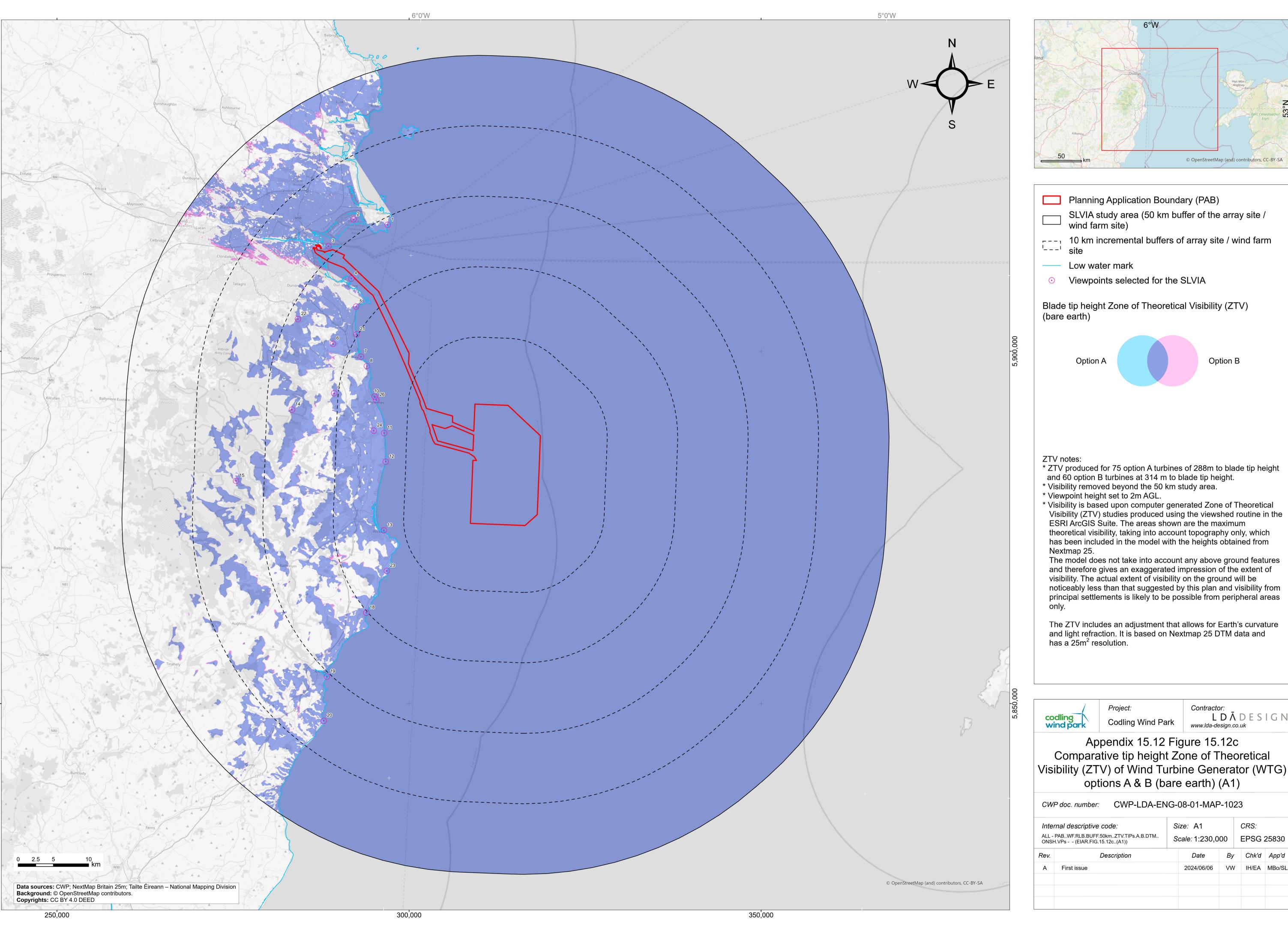
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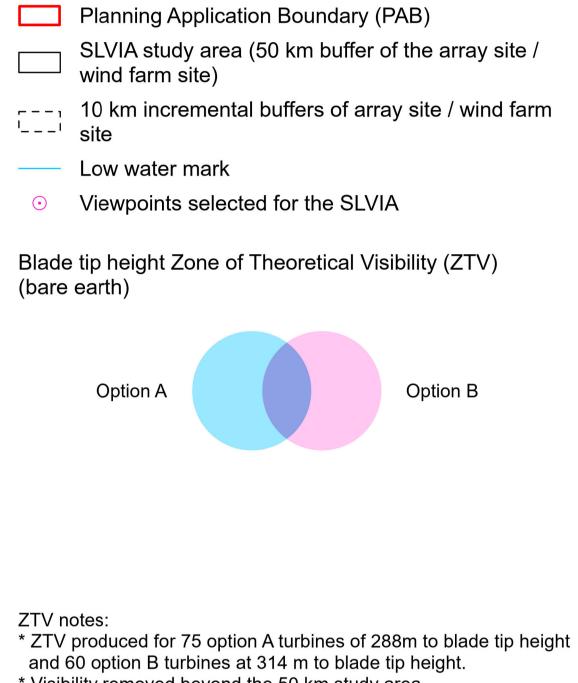
Appendix 15.12 Bare Earth Zone of Theoretical Visibility(s) at A1









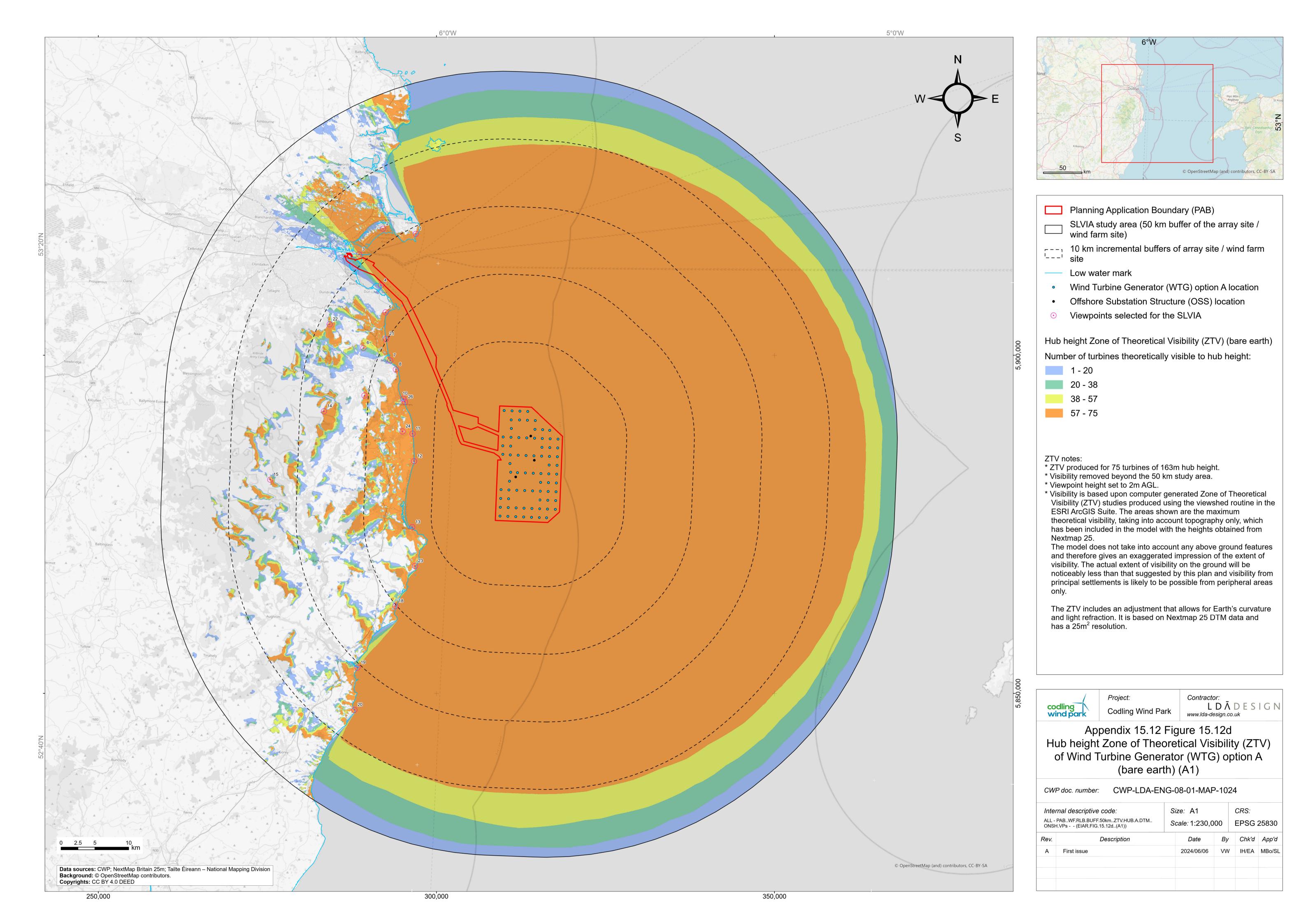


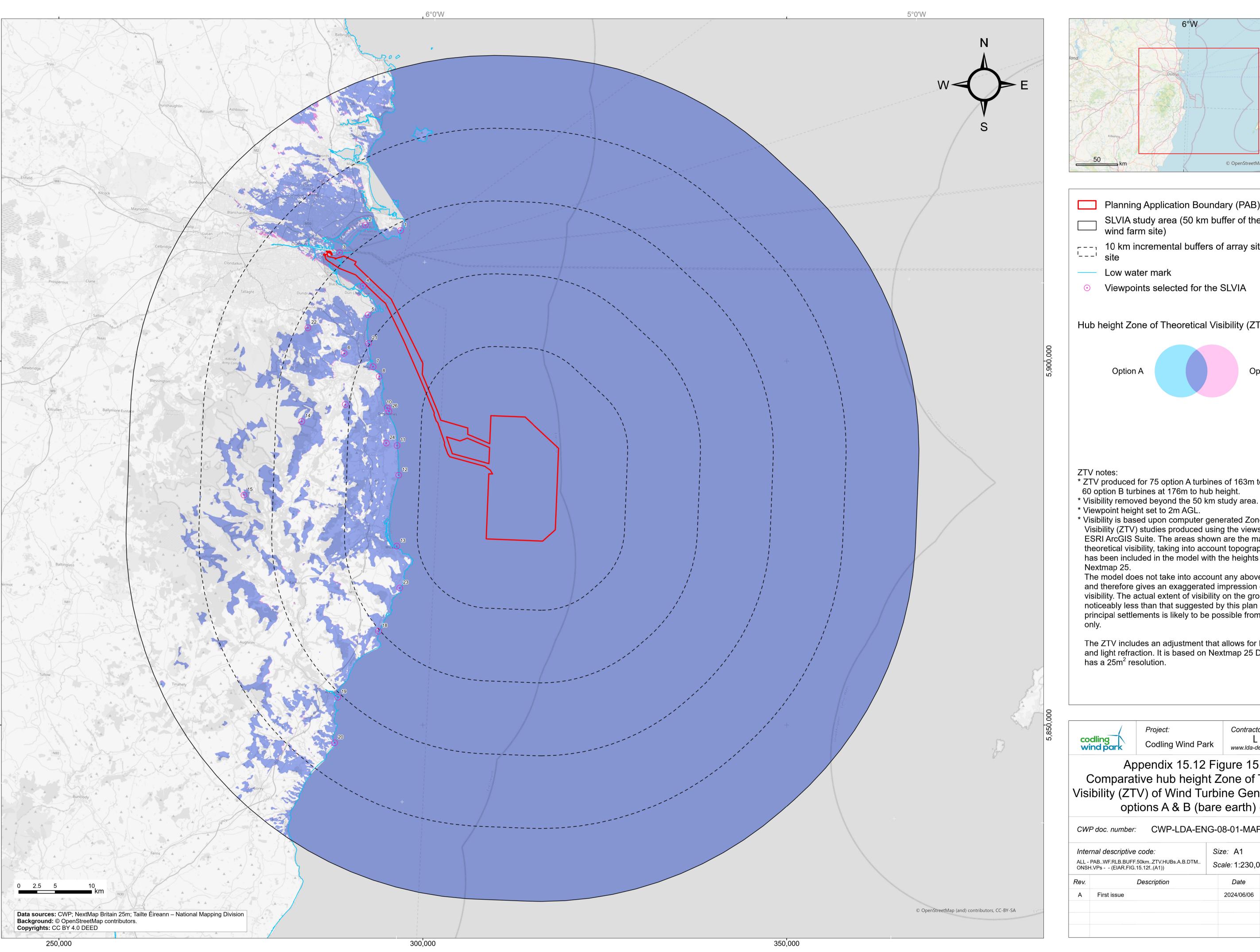
Contractor:

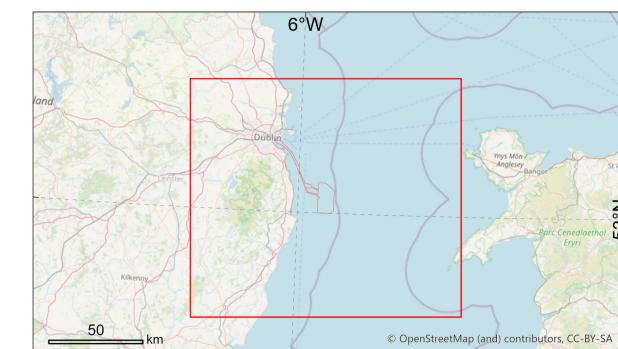
LDĀDESIGN

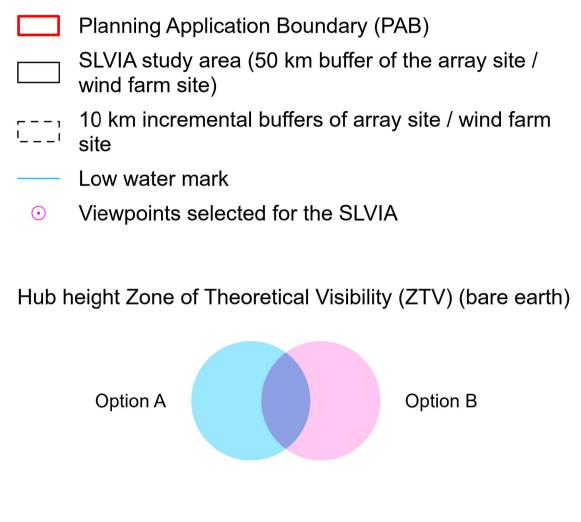
www.lda-design.co.uk Appendix 15.12 Figure 15.12c Comparative tip height Zone of Theoretical Visibility (ZTV) of Wind Turbine Generator (WTG) options A & B (bare earth) (A1)

nternal descriptive code: LL - PABWF.RLB.BUFF.50kmZTV.TIPs.A.B.DTM NSH.VPs (EIAR.FIG.15.12c(A1))			Size: A1 Scale: 1:230,000			CRS: EPSG 25830		
V.	Description		Date	Ву		Chk'd	App'd	
	First issue		2024/06/06	VW	′	IH/EA	MBo/SL	









- * ZTV produced for 75 option A turbines of 163m to hub height and
- * Visibility is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography only, which has been included in the model with the heights obtained from

The model does not take into account any above ground features and therefore gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be noticeably less than that suggested by this plan and visibility from principal settlements is likely to be possible from peripheral areas

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on Nextmap 25 DTM data and

