

KEY

- Landowner Boundary
- Site Boundary
- 3km Buffer
- Solar Development
- OS Local Buildings
- OS Local Woodland
- Screened Zone of Theoretical Visibility - 3.6m Development Height
- Viewpoint Locations

Screened ZTV Production Information -
 - DTM data used in calculations is OS Terrain 5 that has been combined with OS Open Map Local data for woodland and buildings to create a Digital Surface Model (DSM).

- Indicative woodland and building heights are modelled at 15m and 8m respectively.
- Viewer height set at 1.7m (in accordance with para 6.11 of GLVIA Third Edition)
- Calculations include earth curvature and light refraction

N.B. This Zone of Theoretical Visibility (ZTV) image illustrates the theoretical extent of where the development may be visible from, assuming 100% atmospheric visibility, and includes the screening effect from vegetation and buildings, based on the assumptions stated above.

- A - 31/08/2022 ZTV revised due to redline change
- B - 31/10/2022 Viewpoint locations added
- C - 26/04/2023 Redline updated and ZTV rerun
- D - 22/08/2023 Redline updated
- E - 13/10/2023 Redline update and ZTV rerun

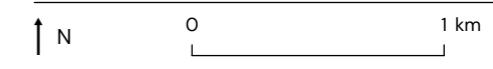
Appendix 6: Screened Zone of Theoretical Visibility

Chimmens Solar Farm

CLIENT
 RES Ltd.

DATE	DRAWN	APPROVED	SCALE
20/10/2023	CS	DT	1:30,000@A3

SHEET	REVISION	DRAWING NUMBER
-	E	P22-1221_EN_01



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