264000 265000 266000 267000 268000

590000 589000 588000 587000 586000

Legend:

- Proposed OHL Poles
- 1.3km Distance Radius from Poles
- Viewpoints
- Woodland (modelled at 15m)

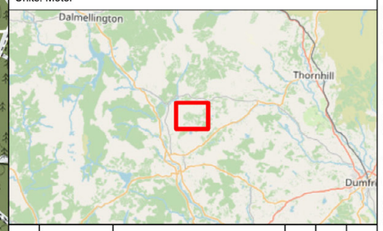
Zone of Theoretical Visibility

- Up to 43 poles may be visible
- No poles visible

NOTES:
Layout file: D003-obvs-poles-T5-1_3km.shp
Terrain data: T5-DSM-with-corridor.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 5m
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings. A digital surface model (DSM) has been derived from OS Terrain 5 height data, with the locations of buildings and woodland and buildings taken from the OS Open Map Local dataset. Buildings have been modelled at a height of 7.5m and woodland at 15m, representing a conservative estimate of heights in the area.
The model does not take into account some localised features such as hedgerows or individual trees and therefore still gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be less than that suggested by this plan.
The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a 5m^2 resolution.

Notes:

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
01	04/04/2024	Updated template	MP	RF	
00	12/02/2024	First Issue	MP	RF	ZF

Troston OHL Grid Connection

RSK

TITLE:
Figure 6.2a: Zone of Theoretical Visibility with Screening

0 0.25 0.5
Kilometres
SCALE: 1:17,000 @ A3

N W E S

REV 00

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