






**Notes:**

1. Predicted visibility is for observer eye level 1.65m above ground level.
2. The ZTV has been created primarily with LIDAR Composite DSM (Digital Surface Model), a raster elevation model covering ~75% of England at 2m spatial resolution, produced by the Environment Agency. The DSM is produced from the last return LIDAR signal and includes heights of objects, such as vehicles, buildings and vegetation, as well as the terrain surface.

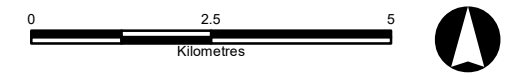
Where there are gaps within the DSM, these have been aggregated with Ordnance Survey Digital Terrain Data on 50m grid with additional screening elements derived from OS vectormap layers. Buildings have been mapped in at an assumed 8m height (average two storey property) and woodland at an assumed height of 12m (for typical woodland). These have been 'stamped' onto the bare earth terrain model. This gives a more realistic impression of theoretical visibility for the proposed development, however it does not take account for hedgerows and isolated mature trees.

**Legend**

-  Building Footprint
-  Site Boundary
-  15km Buffer from Extent of Development
-  Viewpoint Location
-  Energy Recovery Facility Visible

**Viewpoint List:**

- VP1: Footpath to Stainsby Hall Farm, Stainsby.
- VP2: Permissive Bridleway off Fishponds Road, B1269.
- VP3: Kirkleatham Lane, A1042
- VP4: Amenity Green Space, Howcroft Avenue, Dormanstown
- VP5: Bridleway off Hobson Avenue
- VP6: Tees Dock Road
- VP7a: Access point to Teesdale Way (also known as the Black Path) Footpath
- VP7b: Teesdale Way Footpath
- VP8: Eston Road, Grangetown
- VP9: River Tees Viewpoint
- VP10: Footway adjacent to A66 Bolckow Road/Whitworth Road, Grangetown
- VP11: Junction of Normanby Road/Poplar Grove
- VP12: A1085 Trunk Road from the bridge over Church Lane
- VP13: Local footpath through Eston Recreation Area, off Church Lane.
- VP14: B1380, High Street, Lackenby.
- VP15: NCN Route 1, Lackenby
- VP16: Bridleway within Eston Hills, off Lazenby Bank Road.
- VP17: Tees Link National Trail footpath 122/21/3 Eston Hills.
- VP18: OS Triangulation point, Eston Nab.
- VP19: A1185, Seal Sands Road, Stockton-on-Tees.
- VP20a: Section of the England Coast Path (ECP) National Trail, Stockton-on-Tees.
- VP20b: Section of the England Coast Path.
- VP21: Viewpoint within Cowpen Bewley Woodland Park, Stockton-on-Tees.



**Figure 7-7**  
**Zone of Theoretical Visibility:**  
**Screened using DSM data with 15km**  
**Buffer from the Facility (Stack and Buildings)**

**2019s0951**  
**Redcar - Energy Recovery Facility**

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