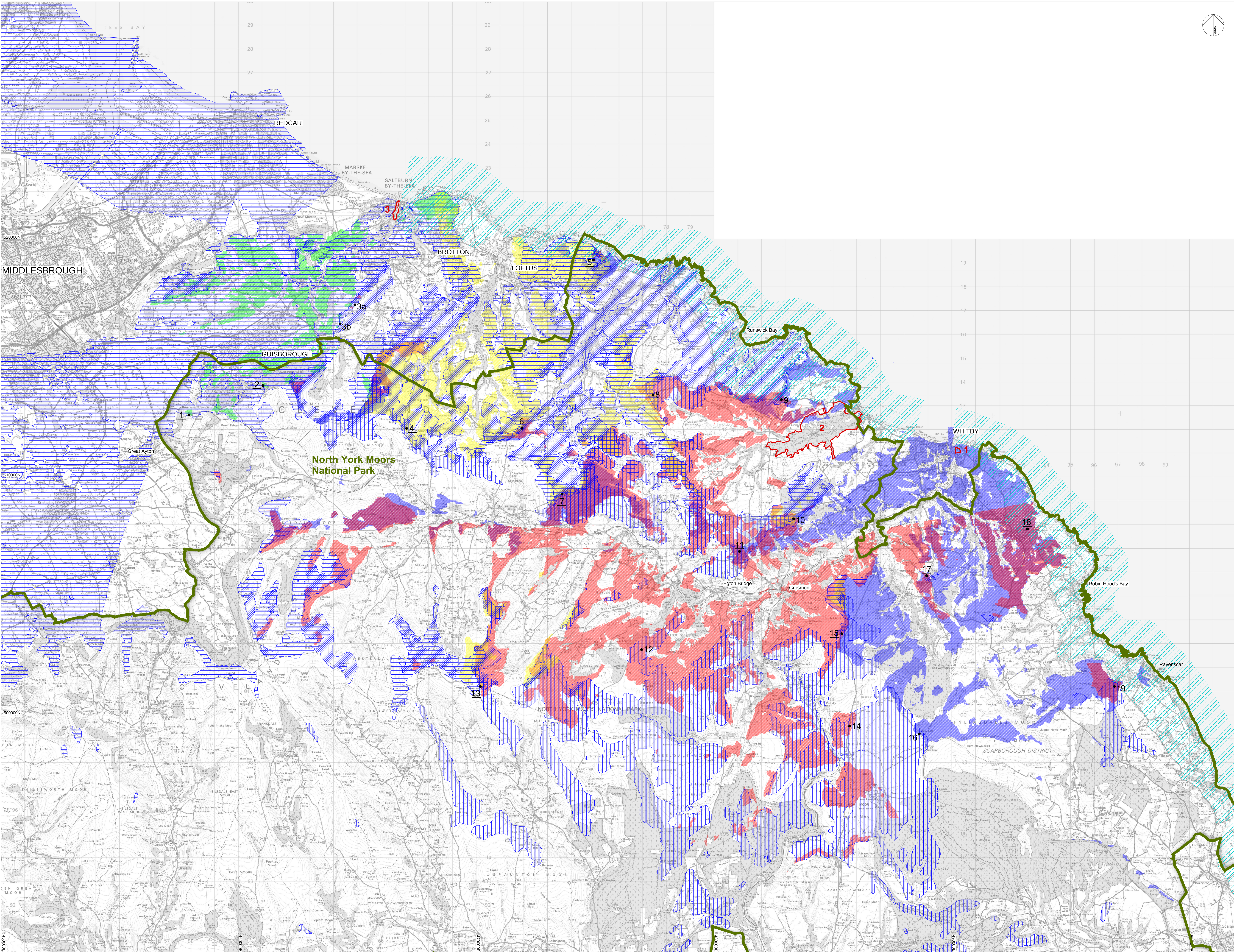




NORTH YORK MOORS NATIONAL PARK

NORTH YORKSHIRE AND CLEVELAND HERITAGE COAST

REGISTERED PARKS AND GARDENS

1. Whitby Abbey House

2. Mulgrave Castle

3. Valley Gardens, Saltburn

ZONES OF THEORETICAL VISIBILITY - BASELINE CUMULATIVE FEATURES:

RAF FYLINGDALES SSPA RADAR

BOULBY MINE DRYER STACK

PROPOSED BANK FIELD WIND FARM

ZONES OF THEORETICAL VISIBILITY - PROPOSED CUMULATIVE FEATURES:

6km

6km OFFSET FROM ZTV FEATURE

PROPOSED MINEHEAD WINDING TOWERS

PROPOSED LADY CROSS PLANTATION ACCESS POINT WINDING TOWER

PROPOSED LOCKWOOD BECK ACCESS POINT WINDING TOWER

PROPOSED TOCKETTS LYTHE ACCESS POINT WINDING TOWER

MINEHEAD AND LADY CROSS WINDING TOWERS ZTV

MINEHEAD, LADY CROSS AND LOCKWOOD BECK WINDING TOWERS ZTV

LADY CROSS AND LOCKWOOD BECK WINDING TOWERS ZTV

MINEHEAD AND LOCKWOOD BECK WINDING TOWERS ZTV

TOCKETTS LYTHE AND LOCKWOOD BECK WINDING TOWERS ZTV

MINEHEAD AND TOCKETTS LYTHE WINDING TOWERS ZTV

•30 •31

VUEPOINTS USED FOR ASSESSMENT OF CUMULATIVE LANDSCAPE EFFECTS (UNDERLINE DENOTES PHOTOMONTAGE VIEW LOCATION)

1. Roseberry Topping

2. Highcliffe Nab

3a. Airy Hill

3b. Airy Hill

4. Moorshole Moor

5. Rockhole Hill

6. Lenton Moor

7. Darby Beacon

8. Newton Mulgrave Moor

9. Potato Hill

10. Egton Low Moor

11. Egton

12. Egton High Moor

13. Darby High Moor

14. A169 at Goathland Moor

15. Breckon Howe / Sleights Moor

16. Fylingdales Moor

17. Lophelamby Moor

18. Hawsker Bottoms

19. Howdale Moor

Notes:

ZTV analysis (baseline cumulative features):

• ZTV analysis point for Bank Field wind turbine based on 132m high structure (to tip of turbine) on FFL of 164mAOD. Analysis point based on the highest elevated wind turbine of the group.

• ZTV analysis point for Boulby Mine dryer stack based on 87.5m high structure on FFL of 80mAOD.

• ZTV analysis point for RAF Fylingdales SSPA Radar housing based on 40m high structure on FFL of 258mAOD.

• Existing woodland excluded in the Digital Terrain Model.

• Observers eye level 1.7m.

• Extent of ZTV's limited to 30km distance from analysis points.

• Analysis adjusted for earth curvature / refraction.

ZTV analysis (proposed cumulative features):

• ZTV analysis points based on proposed Minehead Winding Towers at 45m above finished floor level of 200.7mAOD.

• ZTV analysis point based on proposed Lady Cross Plantation Access Point Winding Tower at 45m above finished floor level of 202.4mAOD.

• ZTV analysis point based on proposed Lockwood Beck Access Point Winding Tower at 45m above finished floor level of 187.8mAOD.

• ZTV analysis point based on proposed Tocketts Lythe Access Point Winding Tower at 45m above finished floor level of 83.9mAOD.

• Existing woodlands included in Digital Terrain Model woodland heights within Minehead site based on survey data, woodland heights within wider study area assumed to be 10m above ground level.

• Observers eye level 1.7m.

• Extent of ZTV's limited to 30km distance from analysis points.

• Analysis adjusted for earth curvature / refraction.

Revision 01 - ZTV colours and Bank Field ZTV amended

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YORKPOTASH

A Sinus Minerals Project

Project:

YORK POTASH PROJECT CUMULATIVE LANDSCAPE & VISUAL ASSESSMENT

Drawing Title:

ZONES OF THEORETICAL VISIBILITY - (LANDSCAPE DESIGNATIONS, INCLUDING WOODLANDS)

Drawing Number:

2327.CU02

Scale:

1:50,000 @ A0

Drawn:

MW

Revision:

01

Date:

AUGUST 2014

Checked:

SW

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