



**KEY**

- EXTENT OF WORKS
- 1km 1km OFFSETS FROM EXTENT OF WORKS BOUNDARY
- ZONE OF THEORETICAL VISIBILITY FOR PROPOSED SINGLE MTS WINDING TOWER
- ZONE OF THEORETICAL VISIBILITY COMMON TO BOTH APPROVED SCHEME WINDING TOWERS & PROPOSED SINGLE MTS WINDING TOWER
- ZONE OF THEORETICAL VISIBILITY FOR APPROVED SCHEME WINDING TOWERS
- NORTH YORK MOORS NATIONAL PARK BOUNDARY
- HERITAGE COAST

**NORTH YORK MOORS NATIONAL PARK**  
LANDSCAPE TYPES & AREAS  
(From North York Moors Landscape Character Assessment, WYG, 2003)

- 3b FOREST  
Langdale / Harwood Dale / Newton House 3(b)
- 1b MOORLAND  
Central & Eastern Moors 1(b)
- 8b CENTRAL VALLEY  
Lower Esk Valley 8(b)
- 4a COAST AND COASTAL HINTERLAND  
Boulby - Whitby 4(a)  
Whitby - Cloughton 4(b)

**SCARBOROUGH BOROUGH COUNCIL**  
LANDSCAPE CHARACTER TYPES / AREAS  
(From Scarborough Borough Landscape Study; Volume 1 - Borough wide Landscape Character Assessment, 2013)

- LANDSCAPE CHARACTER TYPE / AREA BOUNDARY

**COASTAL CLIFFS:**  
G1 - Whitby to Sandsend  
G2 - Whitby Abbey

**COASTAL HINTERLAND:**  
D1 - Sandsend  
D2 - Whitby Abbey

**RIVER VALLEY:**  
F1 - Esk

**UPPER VALLEY SIDE:**  
H1 - Esk

**SETTLEMENT FRINGE:**  
I1 - Whitby

Note:  
Study area lies within the National Character Area 25:  
North York Moors & Cleveland Hills

- Notes:
- ZTV analysis:
  - ZTV analysis points based on approved scheme Winding Towers at 45m above finished floor level of 200.7m AOD & proposed single
  - ZTV analysis point based on proposed single MTS Winding Tower at 45m above finished floor level of 200.7m AOD
  - Existing woodlands are not included in the Digital Terrain Model.
  - Observers eye level 1.7m.
  - Extent of ZTV limited to 7km distance from analysis points
  - Analysis adjusted for earth curvature / refraction

Revision 01. 2017/07/04.  
Amended to latest construction stage details

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Landscape Architecture

**SIRIUS**  
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Project:

**WOODSMITH MINE  
SES LANDSCAPE & VISUAL ASSESSMENT**

Drawing Title:  
**ZONE OF THEORETICAL VISIBILITY -  
CONSTRUCTION STAGE, APPROVED WINDING  
TOWERS & PROPOSED TEMPORARY MTS WINDING  
TOWER (LANDSCAPE CHARACTER & LANDSCAPE  
DESIGNATIONS, WITHOUT WOODLANDS)**

Drawing Number: **2354.MH ZTV LCA03**      Revision: **01**

Scale: **1:25,000 @ A1**      Date: **JUNE 2017**

Drawn: **MW**      Checked: **SW**

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