



- KEY**
- EXTENT OF WORKS
 - 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)
- FOREST
Langdale / Harwood Dale / Newton House 3(b)
 - MOORLAND
Central & Eastern Moors 1(b)
 - CENTRAL VALLEY
Lower Esk Valley 8(b)
 - 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.
 - ZTV analysis point based on proposed single MTS Winding Tower at 45m above finished floor level of 200.7m AOD
 - Existing woodlands included in the Digital Terrain Model - woodland heights within 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 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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SIRIUS
LANDSCAPE ARCHITECTURE

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, WITH WOODLANDS)**

Drawing Number: 2354.MH ZTV LCA04
Revision: 01

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

Drawn: MW
Checked: SW