



KEY

- EXTENT OF WORKS
- 1km OFFSETS FROM EXTENT OF WORKS BOUNDARY
- ZONE OF THEORETICAL VISIBILITY COMMON TO BOTH APPROVED SCHEME WINDING TOWERS & PROPOSED D-WALL RIGS
- 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 points for proposed D-Wall Rigs based on tallest part of rig at 26.2m above varying finished floor levels (203.7m AOD, 203.2m AOD & 200.7m AOD depending on location of rig). The D-Wall Rigs ZTV includes 3m shaft top analysis points.
 - 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

Estell Warren

Landscape Architecture



Project:

**WOODSMITH MINE
SES LANDSCAPE & VISUAL ASSESSMENT**

Drawing Title:
**ZONE OF THEORETICAL VISIBILITY -
CONSTRUCTION STAGE, APPROVED WINDING
TOWERS & PROPOSED D-WALL RIGS (LANDSCAPE
CHARACTER & LANDSCAPE DESIGNATIONS, WITH
WOODLANDS)**

Drawing Number: 2354.MH ZTV LCA02
Revision: 01

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

Drawn: MW
Checked: SW

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