



- 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
 - 49 RESIDENTIAL RECEPTOR REFERENCE NUMBER
 - * SCHEDULED MONUMENT
 - CONSERVATION AREAS
 - REGISTERED PARKS AND GARDENS
 - LISTED BUILDING - GRADE 1 / 2* / 2 (FROM ENGLISH HERITAGE ONLINE REGISTER)
 - ACCESS LAND
 - FOOTPATHS
 - BRIDLEWAYS
 - PARISH BOUNDARY / PUBLIC RIGHT OF WAY NUMBER CHANGE POINT
 - NATIONAL SUSTRANS CYCLE ROUTES
 - REGIONAL SUSTRANS CYCLE ROUTES
 - MOOR TO SEA CYCLE NETWORK: (Note: where routes follow Sustrans Cycle Routes label only shown)
2M2S: Whitby to Ravenscar
7M2S: Whitby to Danby
9M2S: Langdale End to Whitby
 - NATIONAL TRAIL CLEVELAND WAY
 - COAST TO COAST WALK
 - ESK VALLEY WALK
 - THE GINDER TRACK

Note: Coast to Coast Walk route is updated to website www.wainwright.org.uk route changes, May 2014.

- 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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Project:
**WOODSMITH MINE
SES LANDSCAPE & VISUAL ASSESSMENT**

Drawing Title:
**ZONE OF THEORETICAL VISIBILITY -
CONSTRUCTION STAGE, APPROVED WINDING
TOWERS & PROPOSED TEMPORARY MTS
WINDING TOWER
(VISUAL RECEPTORS, WITH WOODLANDS)**

Drawing Number: **2354.MH ZTV VR04** Revision: **01**

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

Drawn: **MW** Checked: **SW**