



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 CINDER 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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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
(VISUAL RECEPTORS, WITH WOODLANDS)**

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

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

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