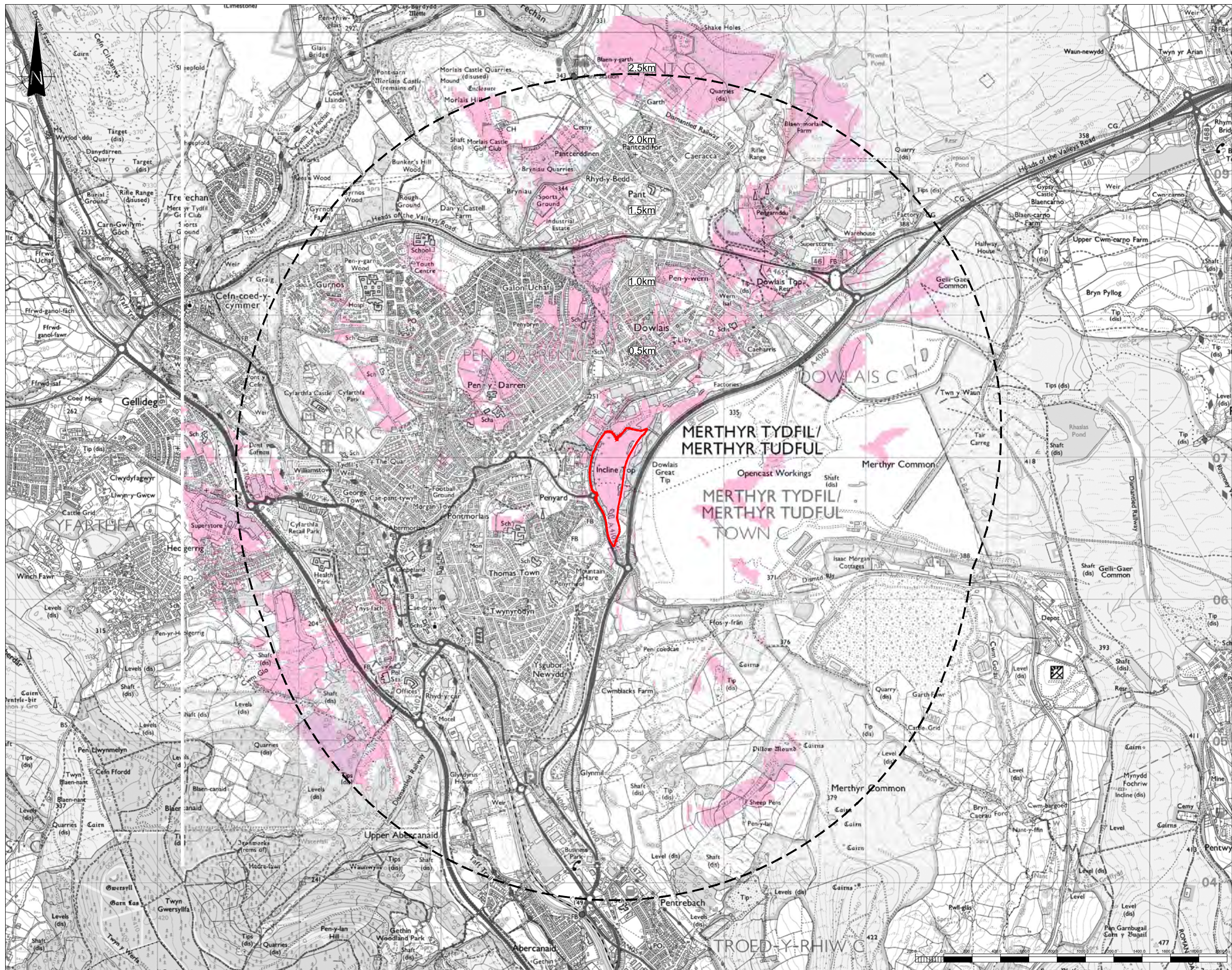




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#### NOTES

1. THIS DRAWING IS BASED UPON A COMPUTER GENERATED ZONE OF THEORETICAL VISIBILITY (ZTV) WHICH ILLUSTRATES AREAS FROM WHERE IT MAY BE THEORETICALLY POSSIBLE TO VIEW ALL OR PART OF THE PROPOSED DEVELOPMENT. THE ZTV IS GENERATED USING REPRESENTATIVE HEIGHT POINTS LOCATED WITHIN THE SITE. THE VISUAL BARRIERS ZTV INCORPORATES THE SCREENING EFFECTS OF BUILDINGS (C.8m HIGH BARRIER) AND WOODLAND COVER (C.12m HIGH BARRIER) AS MAPPED ON ORDNANCE SURVEY VECTOR MAP DISTRICT DATA, BUT OMITTS SMALLER VEGETATION (EG HEDGEROWS) AND LOCALISED LANDFORM VARIATIONS. AS A RESULT THERE MAY BE RECEPTORS WITHIN THE STUDY AREA WHICH ALTHOUGH SHOWN AS FALLING WITHIN THE ZTV, ARE SCREENED OR FILTERED WHICH PRECLUDES VIEWING OPPORTUNITIES.
2. THE ZTVS ARE CALCULATED USING WINDFARM RESOFT SOFTWARE THROUGH THE COMBINATION OF A DIGITAL TERRAIN MODEL (DTM) OF THE LANDSCAPE, DERIVED FROM THE ORDNANCE SURVEY 'TERRAIN 5' 5m RESOLUTION DTM DATA COMBINED WITH THE REPRESENTATIVE ILLUSTRATIVE HEIGHT POINTS FOR THE HIGHEST POINTS OF THE DEVELOPMENT. IN CALCULATING INTER VISIBILITY, THE SOFTWARE INCORPORATES EARTH CURVATURE AND THE EFFECTS OF REFRACTION THROUGH THE ATMOSPHERE. THE RESULTING ZTV IS OVERLAIN ON OS MAPPING AT AN APPROPRIATE SCALE.

#### KEY

- SITE BOUNDARY
- STUDY AREA (2.5km)
- DEVELOPMENT THEORETICALLY VISIBLE

| REV | DESCRIPTION | DATE | BY |
|-----|-------------|------|----|
|     |             |      |    |

#### CLIENT



4245 Park Approach, Thorpe Park, Leeds. LS15 8GB. 0113 264 9960

#### JOB TITLE

GOAT MILL ROAD,  
MERTHYR

#### DRAWING TITLE

FIGURE 7.6 - ZTV  
(VISUAL BARRIERS)

| DRAWN   | DATE      | APPROVED       | DATE      |
|---------|-----------|----------------|-----------|
| S.T     | 24/9/2021 | A.S            | 24/9/2021 |
| SCALE   | SHEET     | DRAWING NUMBER | REVISION  |
| 1:50000 | A3L       | JAY1000/05/06  | 0         |