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- NOTES**
1. THIS DRAWING IS BASED UPON A COMPUTER GENERATED ZONE OF THEORETICAL VISIBILITY (ZTV) WHICH ILLUSTRATE AREAS FROM WHERE IT MAY BE THEORETICALLY POSSIBLE TO VIEW ALL OR PART OF THE PROPOSED DEVELOPMENT. THE ZTV IS GENERATED USING A REPRESENTATIVE HEIGHT POINT (6.3m) WITHIN THE SITE BOUNDARY ENCOMPASSING ONE OF THE HIGHEST POINTS WITHIN THE SITE. THE ZTV TAKE ACCOUNT OF THE SCREENING EFFECTS OF BUILT UP AREAS AND WOODLANDS / FORESTS, BUT NOT SMALLER SCLAE VEGETATION, INDIVIDUAL BUILDINGS. 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 50' 50m RESOLUTION DTM DATA COMBINED WITH THE REPRESENTATIVE ILLUSTRATIVE HEIGHT POINTS FOR THE SOLAR ARRAYS. IN CALCULATING INTER VISIBILITY, THE SOFTWARE INCORPORATES EARTH CURVATURE AND THE EFFECTS OF REFRACTION THROUGH THE ATMOSPHERE. THE RESULTING ZTV IS OVERLAID ON OS MAPPING AT AN APPROPRIATE SCALE.

- KEY**
- SITE BOUNDARY
 - OFFSET BANDS FROM SITE BOUNDARY
 - SOLAR PANELS THEORETICALLY VISIBLE

REV	DESCRIPTION	DATE	BY

JOB TITLE			
LLANTRISANT SOLAR DEVELOPMENT			
DRAWING TITLE			
FIGURE C4 - ZONE OF THEORETICAL VISIBILITY			
DRAWN	DATE	APPROVED	DATE
S.T	6/4/2020	A.S	6/4/2020
SCALE	SHEET	DRAWING NUMBER	REVISION
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