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-  Site Boundary
-  Units Modelled for ZTV
-  Zone of Theoretical Visibility (ZTV) (Computer Model)

The ZTV (Bare Earth Computer Model) presents the theoretical visibility of the Proposed Development based upon the Terrain 5 Digital Terrain Model (DTM). This is a model of the landform only and does not take into account any features (eg woodland, settlement etc) in the surrounding area that may contribute towards visually screening the Proposed Development. The proposed contours have been modelled (from 23451-HYD-XX-XX-M3-D-0001 P5 Goldthorpe Proposed Levels [EXP].dwg) and have replaced the DTM within the site boundary. The proposed units have been modelled (from 22081\_F0045 - Illustrative Masterplan.dwg), the visibility for the four units is presented in this figure.

An LSS ZTV was carried out using a 25m grid resolution and an assumed observer eye height of 2m. Curvature of the earth is taken into account.

This represents the 'worst-case' scenario, as the bareearth terrain model has been used and no other buildings, woodland or other features have been used as visual barriers to the visibility of the proposed development.

client  
**Newlands**

project  
Land South of Dearne Valley Parkway, Goldthorpe

drawing title  
**ZONE OF THEORETICAL VISIBILITY (ZTV)  
DIGITAL TERRAIN MODEL (DTM)**

scale  
NTS @ A3

dm / chk  
PM / DH

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rev

**Figure 8.60** **A**