The scaling of this drawing cannot be assured

Revision	Date	Drn	Ckd
-	-	-	-

N

LEGEND

- Site Boundary
- Existing Woodlands, Copses and Tree Belts ^
- Existing Scrub ^
- Existing Water Courses and Features ^
- Contours/Spot Heights (Metres AOD) ^
- Public Rights of Way *
- Countryside Rights of Way Access Areas #
- Cycle Route ++
- Listed Buildings ~
- Conservation Area ##
- Location of Photographic Viewpoints (Site Context Photographs: 1-20)
- Location of Photographic Viewpoints With Fully Rendered Montages
- Location of Photographic Viewpoints With Wireline Montages

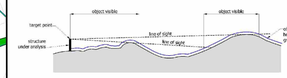
Zone of Theoretical Visibility (ZTV)

- Most Visible
- Least Visible

Notes:

The Zone of Theoretical Visibility (ZTV) provides an approximate portrayal of the greatest possible extent of visibility of the Proposed Development, on the basis of a digital ground model (DTM). The extent and nature of specific views towards the Proposed Development is to be verified through fieldwork to take account of other visual barriers, such as existing buildings, woodland, trees and infrastructure.

- The ZTV is produced using the specialised software package Key-Terra Firma which is an AutoCAD based application.
- The ZTV is produced by calculating the 'line of sight' from target points to analysis end.



Parameters:

- The study area for the ZTV is 7.0 x 5.5 km;
- The ZTV accounts for ground topography on the basis of a model made from Environment Agency 1m Lidar data in the form of 3D points data on a 1m grid, re-interpolated to a 5m grid;
- The ZTV accounts for existing features, including infrastructure, woodland, trees and hedgerows, and built forms, using a Digital Surface Model (DSM) derived from Environment Agency 1m Lidar data;
- The ZTV is based on 57 targets points at the top of each building/unit;
- The ZTV assumes an observer height of 1.7m above ground level; and
- The ZTV portrays the extent of visibility of the Proposed Development on the basis of if a target point is visible within a given 5m grid square.

Sources:

^ OS Mapping
# Natural England GIS Data Set
~ Historic England National Monument Record GIS Data Set
* Wokingham / Reading / West berkshire District Councils GIS Data Set
++ Department of Transport Cycle Network Model
<District Council> Local Plan Proposals Map Adopted

Data collated for constraints and analysis mapping is based on publicly available sources at the time of preparation inserted using the British National Grid and may itself not be accurate. Stantec shall not be liable for the accuracy of data derived from external sources.

FIGURE 5

Project
Shinfield Park, Reading

Drawing Title
Visual Appraisal Plan

Date	Scale	Drawn by	Check by
06.02.2025	1:10,000 @A1 1:20,000 @A3	ML/SC	DP
Project No	Drawing No		Revision
333101463	LN-LP-06		A

0 100 200 300 500m

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