



**Proof of Evidence of Paul Warren
BA (Hons) DIPLA CMLI**

Landscape Matters

LAND SOUTH OF THE A271 AND
EAST OF THE A22, LOWER
HORSEBRIDGE, HAILSHAM

Appendix K

Photomontage Methodology

Appellant: Hertfordshire Holdings
Ltd.

Planning Inspectorate No. Appeal:
APP/C1435/W/23/3335625

Wealden District Council Application
No. WD/2022/3222/MAO

March 2024

Appendix K: Photomontage methodology

K1.1 The photomontages comply with the latest best practice guidelines and utilise winter photographs from the viewpoint locations used in the LVA, March 2022 and additional views taken March 2024, using a tripod and surveyed using a real-time GNSS receiver, which records the viewpoint's 3D position with sub-metre accuracy and aligned using in-the-field surveyed control points taken within the surrounding area. These surveyed control points may include existing buildings, street furniture, trees and placed markers. The viewpoint's horizontal and vertical alignment is checked against a Lidar digital surface model (DSM) which includes site features in the area surrounding the viewpoint location to create an accurate representation of the development proposals for each agreed viewpoint.

tor&co model

K1.2 A 3D site model is produced based on the Lidar first return 2 m DSM in combination with the proposed development. Paragraph 8.18, page 144 of the GLVIA states:

“The objective of a photomontage is to simulate the likely visual changes that would result from a proposed development, and to produce printed images of a size and resolution sufficient to match the perspective in the same view in the field.”

K1.3 To achieve this, an illustrative 3D model of the illustrative masterplan (231703-TOR-XX-ZZ-DR-A-P010 revision C) was produced. The 3D model was prepared by the architects and set to site AOD ground levels. The site model has been used to generate a geometrically accurate model illustrating the proposed scale, mass and arrangement of the proposals, based on the illustrative masterplan and the building heights & access parameter plan (231703-TOR-XX-ZZ-DR-A-P011 revision C). The rendering of the proposals has then been aligned and superimposed on to the selected viewpoint photographs to generate a photomontage image.

Planting

K1.4 To enable an accurate representation of these effects, the tor&co photomontages also illustrate the proposed mitigation planting as defined within the illustrative landscape strategy drawing, in figure 14 of my evidence.

K1.5 The size and spread of all new planting, including mitigation planting on site is shown in winter at years 1 and 15. This has been based on average anticipated growth rates for native stock in the south of England (source: CBA Ltd Approximate Tree Growth Rates). The extension growth pattern is based on growth rates of 0 mm at year 1, and 300 mm from years 2 to 15.

K1.6 All the photomontages are to be viewed as monocular at a comfortable arm's length at A1 size. The images are provided in cylindrical projection at 100% and should be viewed curved.