

GILLESPIES

BARNSLEY WEST: LANDSCAPE AND VISUAL IMPACT ASSESSMENT
VISUALISATIONS

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IMAGE 1: VIEW FROM CAWTHORNE HALL LOOKING EAST TOWARDS BARNSELY



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P12049-00-001-GIL-0704 Barnsley West LVIA Visualisations

VIEWPOINT LOCATIONS FOR VISUALISATIONS

OVERVIEW MAP

VIEWPOINTS

The following four viewpoints have been selected in conjunction with Barnsley Council for which to prepare visualisations.

E: Cannon Way

H: Darton UD 12 footpath, near to junction with Hermit Lane

L: B6131 Darton Lane

N: M1 motorway

3D massing montages have been prepared, in line with Visualisation Type 3 and AVR Level 1 of the latest guidance¹. The montages provide an understanding of the location, size, and degree of visibility of the proposed development, and at AVR Level 1 show the massing of the proposed development. They are presented at operation year 1, year 5, and year 15 to demonstrate the beneficial effects of the maturing of landscape proposals/mitigation.

The massing montages present a worst case scenario of the proposed development with the built form modelled based on the Parameters Plan. Proposed built form, woodland planting, and the link road are shown as colour overlays on viewpoint photography. No amendments have been made to viewpoint photography ie no existing vegetation, built form or infrastructure has been removed or changed. Where existing vegetation would screen views to the proposed development, the colour overlays have been removed from these areas so that the effect of existing screening can be seen. The exception is Viewpoint E, where not enough detail about proposals is known so the proposed development extents are simply overlaid on the photo.

The following method was followed for the preparation of massing montages:

- Extents of proposed built form are modelled based on the maximum heights and layout of development as shown on the Parameters Plan. Extents of proposed Woodland Planting Mix are modelled based on the extents shown on the Landscape Masterplan.

- Existing terrain data at 5m intervals has been used for topography outside the application site boundary, and proposed topography within the application site boundary has been designed to 1m intervals. Proposed topography has been merged with existing terrain data and as such the proposed site levels are taken into account for the massing montages. This has been undertaken in Revit. Proposed built form and proposed planting heights were also modelled in Revit.

- Terrain data and proposed built form were added to TrueView Visuals to provide a representation of the modelled view against the viewpoint photography. Views were exported from Trueview Visuals to Adobe Photoshop and a colour wash given to proposed built form and proposed planting.

¹ Landscape Institute, Visual Representation of Development Proposals, Technical Guidance Note 06/19, 2019

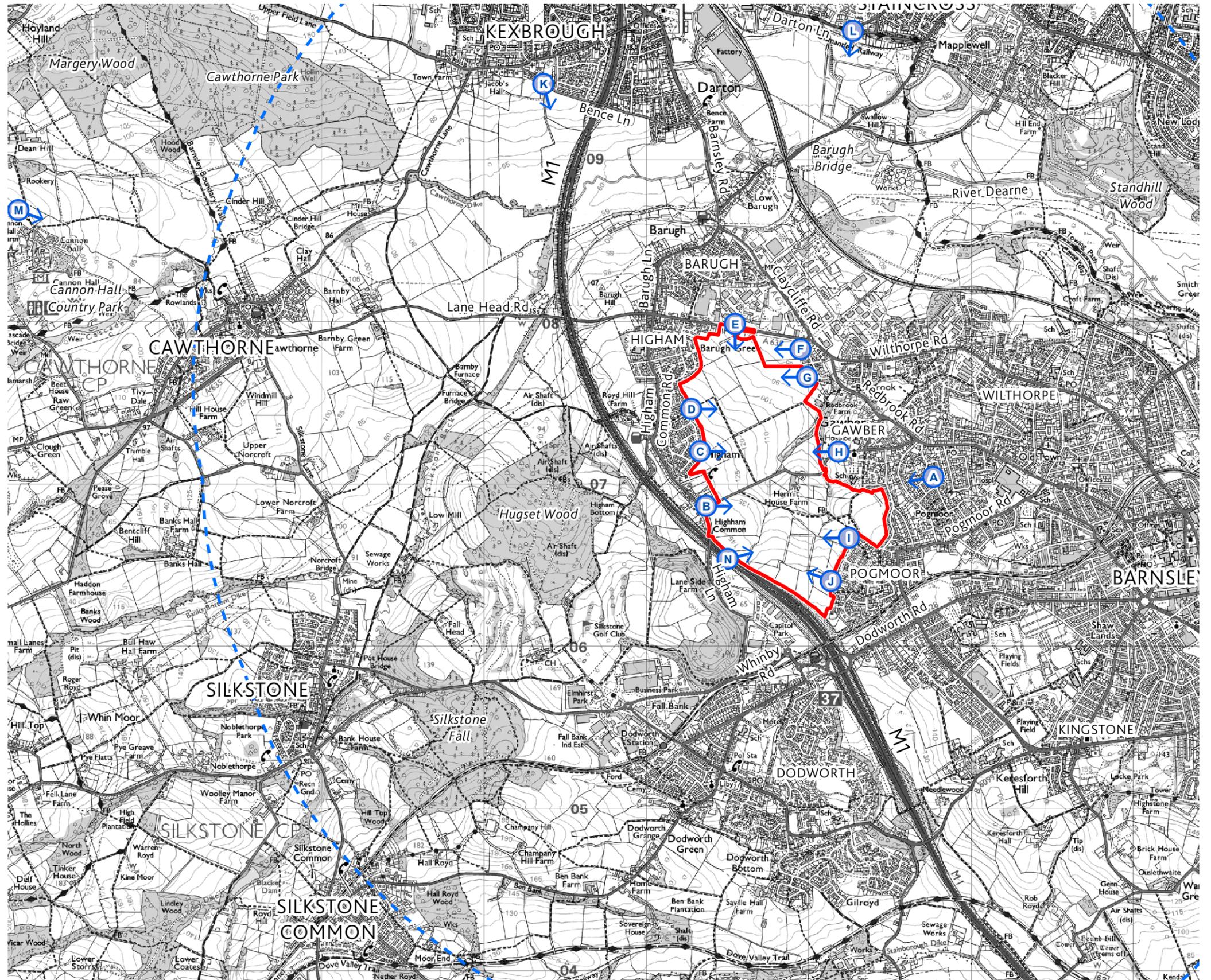


FIGURE 1: VIEWPOINT LOCATION MAP

VIEWPOINT E

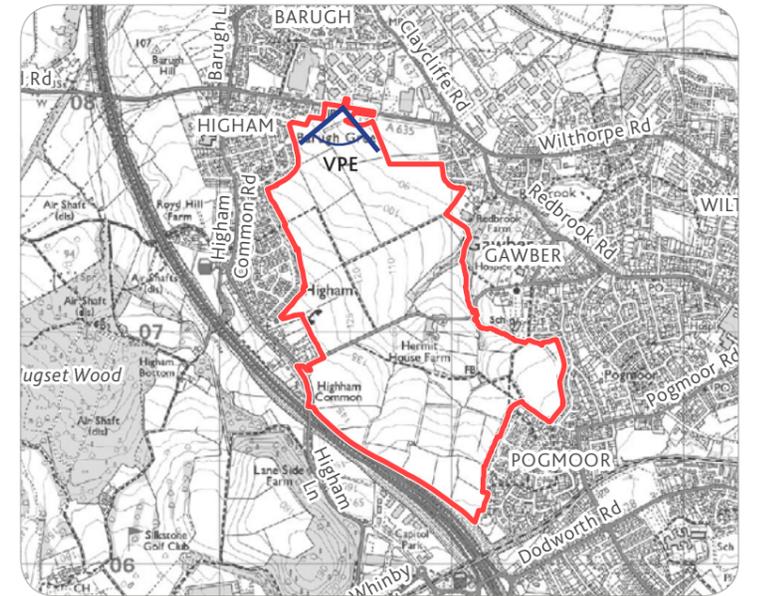
CANNON WAY

Grid Reference: E 431563 N 408023

Approx Elevation: 85m

General Direction of View: South

Approx. Distance to Proposed Development: 25m



LOCATION MAP

BASELINE PANORAMA - 90° HORIZONTAL FIELD OF VIEW



Photographs taken with a Canon EOS 6D, Canon EF 50mm f/1.8 fixed focal lens on 17.03.2021

VIEWPOINT E

CANNON WAY

- COMMERCIAL
- RESIDENTIAL
- EMPLOYMENT

EXTENTS OF PROPOSED BUILT FORM
Proposed development built form is modelled based on the maximum heights and layout shown on the Parameters Plan

EXTENTS OF PROPOSED PLANTING
Proposed planting is modelled based on the extents of planting shown on the Landscape Masterplan and heights shown are representative of planting at Year 1, Year 5, and Year 15

EXTENTS OF PROPOSED ROUNDABOUT & LINK ROAD
Proposed road layout is represented based on the layout shown on the Parameters Plan

MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 1



MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 5



MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 15



VIEWPOINT H

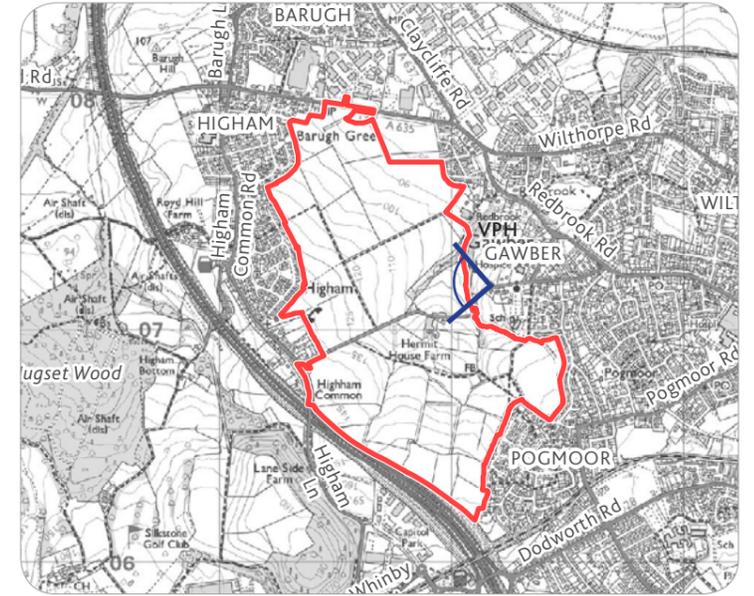
DARTON UD 12 PATH, NEAR JUNCTION WITH HERMIT LANE

Grid Reference: E 432189 N 407217

General Direction of View: West

Approx Elevation: 115m

Approx. Distance to Proposed Development: 100m



LOCATION MAP

BASELINE PANORAMA - 90° HORIZONTAL FIELD OF VIEW



Photographs taken with a Canon EOS 6D, Canon EF 50mm f/1.8 fixed focal lens on 17.03.2021

VIEWPOINT H

DARTON UD 12 PATH, NEAR JUNCTION WITH HERMIT LANE

COMMERCIAL
RESIDENTIAL
EMPLOYMENT

EXTENTS OF PROPOSED BUILT FORM
Proposed development built form is modelled based on the maximum heights and layout shown on the Parameters Plan

EXTENTS OF PROPOSED PLANTING
Proposed planting is modelled based on the extents of planting shown on the Landscape Masterplan and heights shown are representative of planting at Year 1, Year 5, and Year 15

MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 1



MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 5



MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 15



VIEWPOINT L

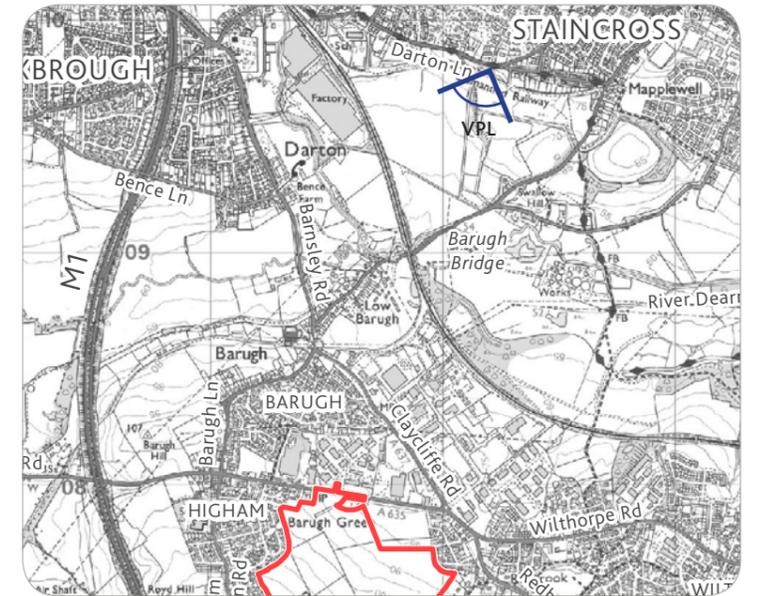
B6131 DARTON LANE

Grid Reference: E 432272 N 409800

Approx Elevation: 75m

General Direction of View: South

Approx. Distance to Proposed Development: 2km



LOCATION MAP

BASELINE PANORAMA - 90° HORIZONTAL FIELD OF VIEW



VIEWPOINT L

B6131 DARTON LANE

COMMERCIAL
RESIDENTIAL
EMPLOYMENT

EXTENTS OF PROPOSED BUILT FORM
Proposed development built form is modelled based on the maximum heights and layout shown on the Parameters Plan

EXTENTS OF PROPOSED PLANTING
Proposed planting is modelled based on the extents of planting shown on the Landscape Masterplan and heights shown are representative of planting at Year 1, Year 5, and Year 15

MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 1



MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 5



MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 15



VIEWPOINT N

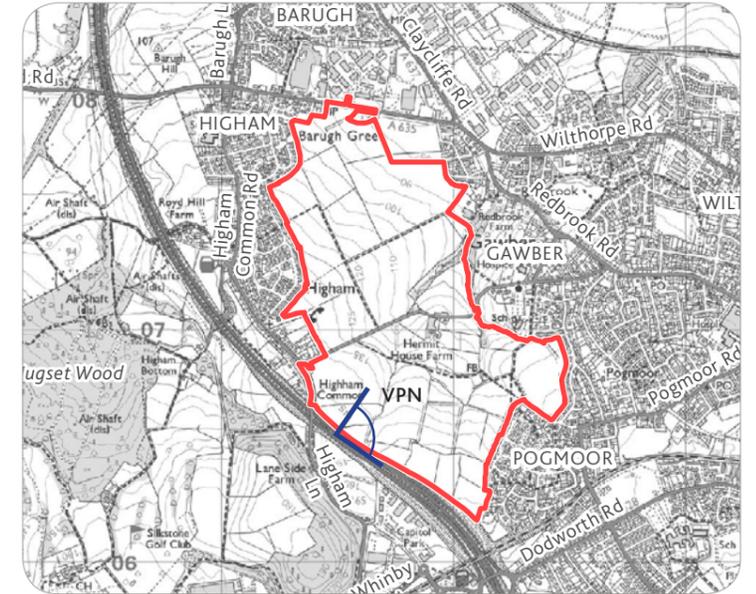
M1 MOTORWAY

Grid Reference: E 431504 N 406556

Approx Elevation: 145m

General Direction of View: East

Approx. Distance to Proposed Development: 50m



LOCATION MAP

BASELINE PANORAMA - 90° HORIZONTAL FIELD OF VIEW



Image taken from Google Streetview October 2020 (not possible to take viewpoint photography from the motorway due to safety reasons)

VIEWPOINT N

M1 MOTORWAY

- COMMERCIAL
- RESIDENTIAL
- EMPLOYMENT

EXTENTS OF PROPOSED BUILT FORM
Proposed development built form is modelled based on the maximum heights and layout shown on the Parameters Plan

EXTENTS OF PROPOSED PLANTING
Proposed planting is modelled based on the extents of planting shown on the Landscape Masterplan and heights shown are representative of planting at Year 1, Year 5, and Year 15

MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 1



MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 5



MASSING MONTAGE OF PROPOSED DEVELOPMENT AT OPERATION YEAR 15



