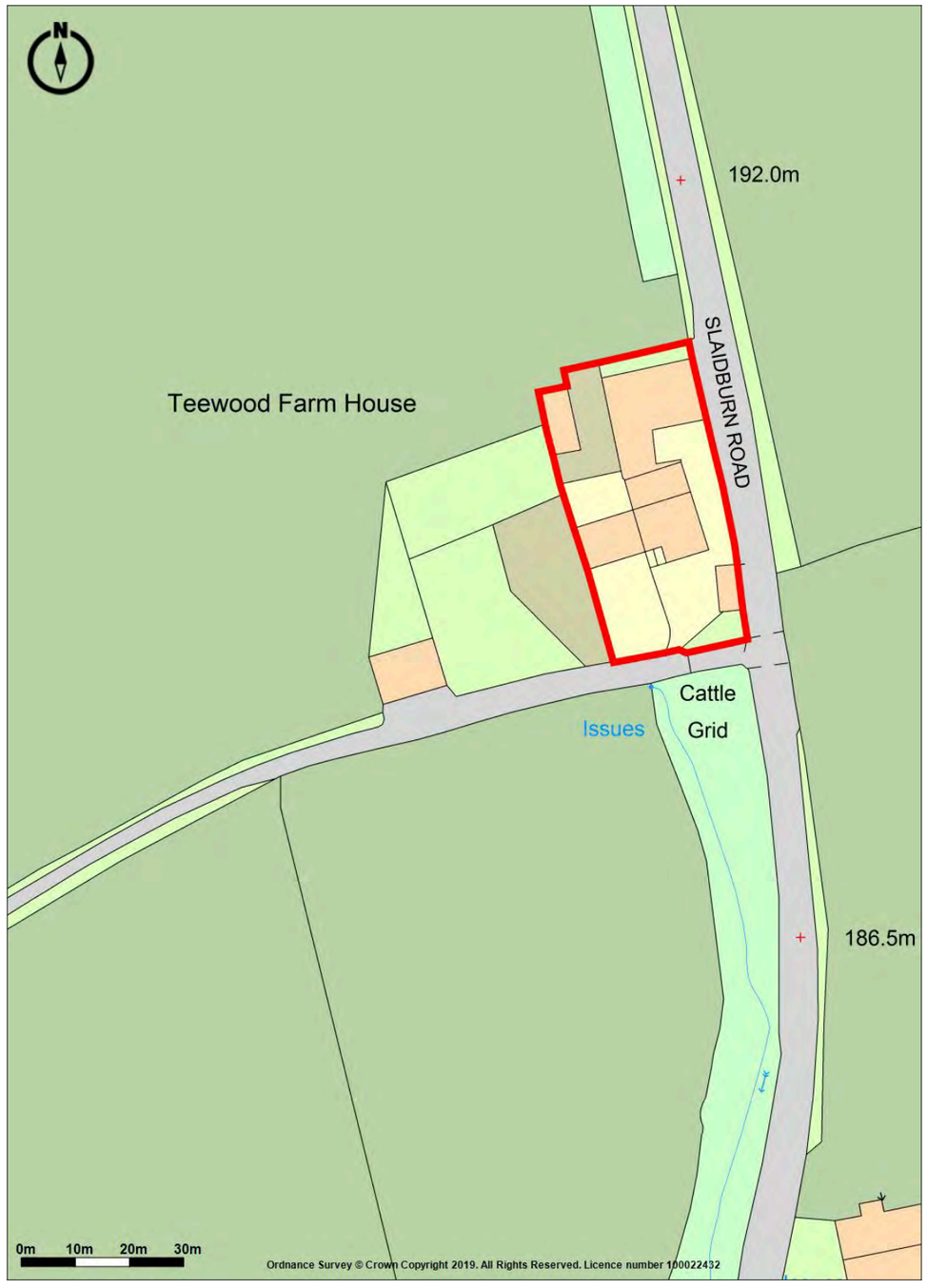
TEEWOOD FARM BARNS
SLAIDBURN RD, WADDINGTON

VISUALLY VERIFIED MONTAGE REPORT

11/11/19

SITE LOCATION

TEEWOOD FARM BARNS, SLAIDBURN RD, WADDINGTON



VIEWPOINT SURVEY

LOCATIONS

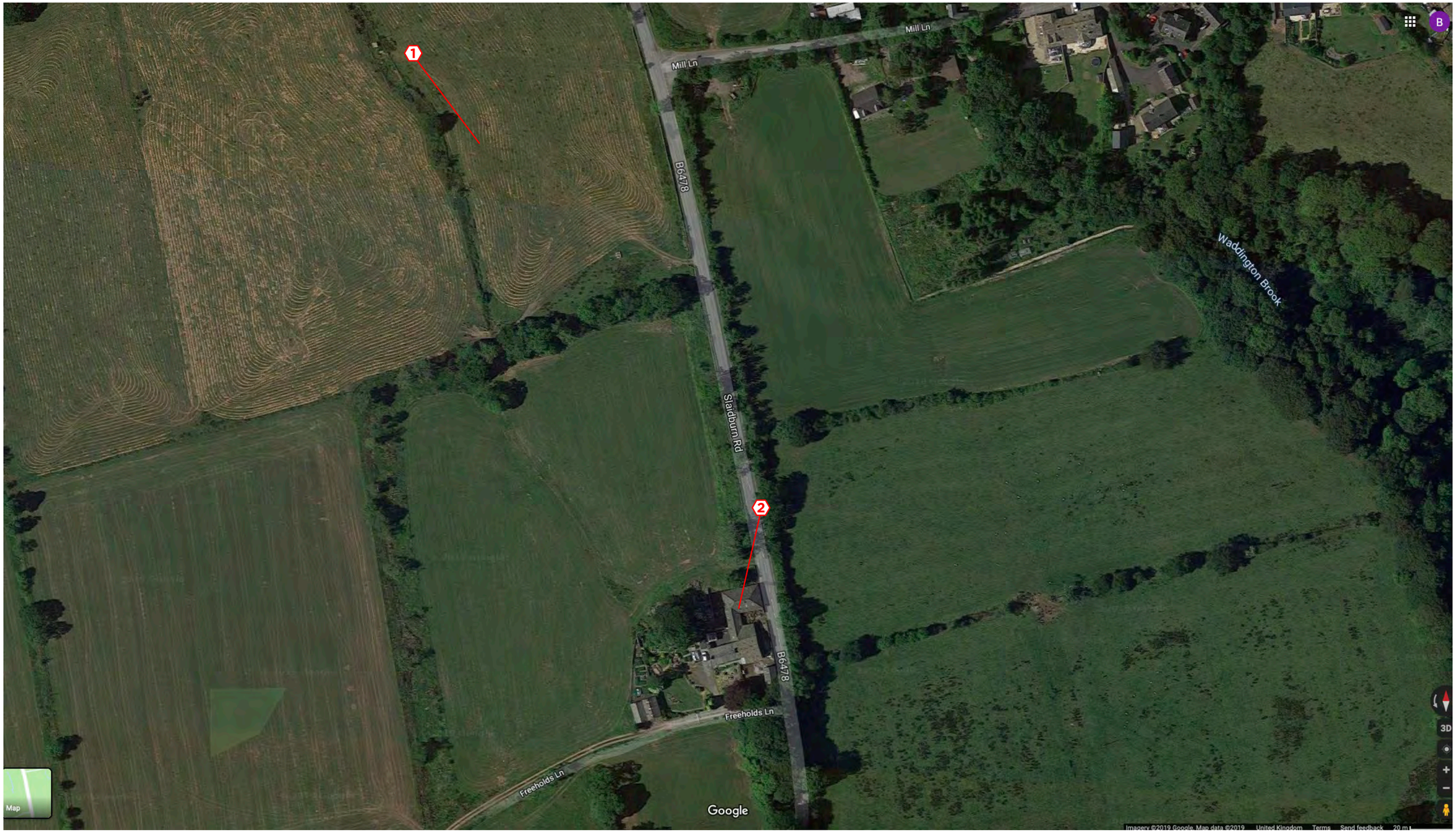


Fig.1

METHODOLOGY

VVM

ArcMedia Limited were commissioned in August 2019 to produce a set of visually verified montages (VVMs) for the proposed resdential development at Teewood Farm Barns, Slaidburn Road, Waddington, Lancashire on behalf of Ingham & Yorke LLP..

The VVMs contained within this document have been created from data supplied by the following consultants.

Architect
John Coward Architects Limited
No.3 Unsworth's Yard
Ford Road
Cartmel
Cumbria LA11 6PG

Planning Consultant
Steven Abbott Associates LLP
Broadsword House
2 Stonecrop
North Quarry Business Park
Appley Bridge
Wigan
Lancashire WN6 9DL

Survey Team
MSA
Pandora House
41 - 45 Lind Road
Sutton
Surrey
SM1 4PP

Photography
MSA
Pandora House
41 - 45 Lind Road
Sutton
Surrey
SM1 4PP

Introduction
The following information outlines the methodology applied by ArcMedia Limited to produce the VVMs contained within this document. All of the methods employed are carried out to the highest level of accuracy achievable with the current technology and follow the guidelines set out in the second edition of Guidelines for Landscape and Visual Impact Assessment produced by The Landscape Institute.

Site Visit
The site was visited by ArcMedia Limited on the 6th August 2019 to review the proposed viewpoints supplied by Steven Abbott Associates LLP. Following approval of the viewpoints, a survey brief was then supplied to MSA with the precise locations required.

MSA attended the site on the 3rd October 2019 to carry out the survey of the four specified viewpoints and capture the corresponding photographic backplates from the four locations.

Verification Points
The location points were marked on the ground by MSA for each viewpoint with a nail to allow positioning of the survey equipment and camera in precisely the same positions. A selection of key reference points were then recorded by MSA and marked up on the associated photographs (see fig. 2 & 5). The reference point data was then recorded by MSA and supplied digitally in 3D CAD format. This data sheet for each reference point can be seen on page 6 of this document for view 1, page 10 for view 2.

Each of the corresponding digital photographs were shot with a full frame digital SLR camera (Canon EOS 6D) using a 24mm lens at the 1.6m above ground level.

Verification Process
ArcMedia Limited created a digital 3D massing model of the proposed new buildings using the architectural drawings and information supplied by John Coward Architects Limited. This 3D model was then precisely aligned to the 3D survey data supplied by MSA in Autodesk 3DS Max an industry standard 3D modeling and rendering software package.

At each of the location points within the 3D model scene, a virtual camera was placed. The virtual camera was then adjusted to align the surveyed CAD reference points with the corresponding points within the photographic backplate. These positions are indicated on MSAs marked up photographs (see fig. 2 & 5). Once this was complete the position of the proposed development could be viewed in relation to the existing context (surveyed reference points), completing the camera matching process.

Rendering
All four VVMs were supplied as fully rendered photomontage images (see fig 4 & 7).

1 - FROM PUBLIC FOOTPATH

LOCATION / VIEWPOINT - VTF01

Fig.2 SURVEY POINTS

Description: Peg in grass with PK nail
Camera height: 1.60m
Coordinates: 372074.330 445738.502 203.330
Camera: Canon EOS 6D
Lens: Canon Zoom Lens EW82 16-35mm
Focal length: 24mm,
Shift/Tilt: None
Date and time: 03/10/19 14.28

CAMERA LOCATION

1 - FROM PUBLIC FOOTPATH

POINT SURVEY DATA - VTF01

Name VTF01

	Easting	Northing	Height	Description
Camera Position				
VTF01	372074.330	445738.502	203.330	Camera point
401	372101.91	445722.41	202.00	Target
402	372081.70	445732.99	202.99	Target
403	372094.67	445716.38	201.59	Target
405	372107.15	445698.27	200.11	Target
407	372099.89	445696.92	200.17	Target
408	372085.56	445716.27	201.73	Target
409	372119.91	445702.01	200.48	Ranging pole
410	372119.89	445702.00	200.98	Ranging pole
411	372119.87	445702.00	201.48	Ranging pole
412	372102.89	445713.10	201.11	Ranging pole
414	372102.87	445713.12	201.62	Ranging pole
415	372102.85	445713.13	202.13	Ranging pole
416	372078.68	445721.46	202.48	Ranging pole
417	372078.66	445721.44	202.98	Ranging pole
418	372078.65	445721.43	203.48	Ranging pole
421	372198.63	445640.77	197.38	Top of gate
422	372199.14	445637.20	197.36	Top of gate
426	372199.77	445484.28	194.30	Window opening
427	372198.60	445484.04	194.33	Window opening
429	372213.52	445487.27	193.18	Roof line
430	372219.97	445482.84	196.15	Roof line

Horizontal points @ 1.60m

No Horizontal's visible

1 - FROM PUBLIC FOOTPATH

ORIGINAL SURVEY PHOTOGRAPH - VTF01

Fig.3

1 - FROM PUBLIC FOOTPATH

VVM - PROPOSED DEVELOPMENT - VTF01

Fig.4

2 - SLAIDBURN ROAD (VIEW SOUTH)

LOCATION / VIEWPOINT - VTF02

Fig.5 SURVEY POINTS

CAMERA LOCATION

Description:	Peg in grass with PK nail
Camera height:	1.60m
Coordinates:	372233.115 445525.621 192.462
Camera:	Canon EOS 6D
Lens:	Canon Zoom Lens EW82 16-35mm
Focal length:	24mm,
Shift/Tilt:	None
Date and time:	03/10/19 12.00

2 - SLAIDBURN ROAD (VIEW SOUTH)

POINT SURVEY DATA - VTF02

Name VTF02

	Easting	Northing	Height	Description
Camera Position				
VTF02	372233.115	445525.621	192.462	Camera point
301	372234.41	445516.50	192.54	Ranging pole
302	372234.41	445516.50	193.04	Ranging pole
303	372234.41	445516.50	193.54	Ranging pole
304	372239.11	445490.95	191.78	Ranging pole
305	372239.12	445490.99	192.28	Ranging pole
306	372227.44	445514.49	192.24	Ranging pole
307	372227.44	445514.46	192.74	Ranging pole
308	372227.43	445514.43	193.24	Ranging pole
309	372238.73	445452.63	194.49	Roof line
310	372235.93	445452.32	196.19	Roof line
311	372233.16	445451.86	194.54	Roof line
318	372231.02	445463.12	197.64	Roof line
319	372230.06	445466.89	195.45	Roof line
320	372232.76	445456.31	193.85	Roof line
325	372223.40	445489.14	193.14	Window opening
326	372223.40	445489.11	192.22	Window opening
328	372224.65	445489.44	192.23	Window opening
330	372230.92	445515.69	192.13	White road marking
331	372232.00	445510.02	191.86	White road marking
337	372234.83	445516.59	194.10	Corner of sign
338	372234.82	445516.61	193.81	Corner of sign
339	372232.35	445522.45	192.29	White road marking
340	372234.05	445513.39	191.90	White road marking

Horizontal points @ 1.60m

Hz1 Sign on telegraph pole
Hz2 Middle of brick on building
Hz3 Just under sky light

2 - SLAIDBURN ROAD (VIEW SOUTH)

ORIGINAL SURVEY PHOTOGRAPH - VTF02

Fig.6

2 - SLAIDBURN ROAD (VIEW SOUTH)

VVM - PROPOSED DEVELOPMENT - VTF02

Fig.7

ARC/MEDIA

COMPUTER GENERATED IMAGERY

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