

Appendix A

Appellant Technical Response to the Council's Review of Photography and Visual Material

INTRODUCTION

- 1.1. The following sections provide a technical response to the issues raised in the Council's Review of Photography and Visual Material (Council's Review) (CD4.8) prepared by Mr Mike Spence.
- 1.2. This response has been prepared by Allison Walters and supported by Andy Maw Design Limited (AMD).
- 1.3. Reference is made within this Technical Response to the Landscape Institute's Technical Guidance Note on Visual Representation of Development Proposals, 06/19 identified as LI TGN 06/19 (CD4.3)

STRUCTURE OF THE COUNCIL'S REVIEW

- 1.4. The Council's Review is an undated document and other than a signature box at the end of the review it is not clearly stated that this has been undertaken by Mr Spence. For the purposes of this response it has been assumed Mr Spence undertook the review himself.
- 1.5. It is not clear whether this is a desk based assessment or whether Mr Spence has attended site to confirm these viewpoints and their context on site. It is assumed that it is a desk based assessment.

ZTV PREPARATION

- 1.6. The ZTV has been prepared using a series of points throughout the site. The ZTV was thoroughly assessed on Site in terms of its full extent. Despite the ZTV displaying potential locations of visibility to the north and east and longer distant views, the site visit confirmed the extent of visibility which was described within the LVIA, February 2022 (CD1.9). The full extent of the ZTVs have been included in Appendix A.3.
- 1.7. No issues were raised by the Landscape Officer over the selection of viewpoints at any point during the processing of the application. Additional viewpoints from the Greensand Ridge were included within the LVIA Addendum as a direct result of concerns raised over intervisibility of the Greensand Ridge in the Committee Report. If any additional views were required, these should have been requested during the consultation process of the planning application.

TECHNICAL METHODOLOGY

- 1.8. This section responds directly to points raised in the Technical Methodology section of the Council's Review.
- 1.9. The Council's Review is clear that AMD has good technical knowledge which is consistent with AMD's successful appointment by many landscape consultants throughout the UK.
- 1.10. A full 3D model of the site has been developed and was used in all visualisations. Please see accompanying technical details for aerial perspectives and composite views showing overlays of DTM and DSM models on the photographs (Appendix A.1).

PRESENTATION OF VISUAL MATERIAL

- 1.11. The Council Review raises the following concerns:
 - No reason why there needs to be re-projection from cylindrical to planar projection
 - Visualisations require the full extents of the development to be presented not a 53.5 degree planar portion.
- 1.12. The Council's Review states in relation to re-projection from cylindrical to planar that this requirement is '*a historic requirement of those working on windfarm visualisations in Scotland*' and '*windfarm visualisations have no place in solar farm visualisations*'.
- 1.13. I refer to Section 3.8 of the LI TGN 06/19 (CD4.3) in particular relating to 150% enlargement factor Paragraphs 3.8.6-3.8.13.
- 1.14. Paragraph 3.8.6 states that '*whilst presenting a 50mm FL image (39.6deg HFoV) at A3 size (The Council's Review preferred method) is a straight forward use of the camera image this approach has been found to be lacking in respect of expansive projects.*' Research in Scotland determined that for expansive projects by increasing the printed image size by 150% this provides a better impression of scale.
- 1.15. Paragraph 3.8.8 goes on to state that '*the approach of this guidance is, therefore, to recognise that for larger-scale projects with more distant components such as windfarms, the approach taken in SNH 2017 (put simply a 150% enlargement) is appropriate*'.
- 1.16. It is considered that this guidance is appropriately applied to this particular solar farm because it is of a larger scale, and is therefore an '*expansive project*' of the sort to which the SNH 2017 guidance applies.
- 1.17. We therefore consider that the approach to presentation of the visual material at 53.5deg is entirely appropriate for an expansive project such as this solar farm.

- 1.18. Paragraph 3.8.13 states '*Notwithstanding the above, SNH considers that consistent use of 150% enlargement is beneficial*'.
- 1.19. A judgement was made to present additional images as 53.5deg enlargements giving a better representation of what the eye sees. This was then applied as a consistent approach to all viewpoints. The document has been re-presented showing the 90deg views at A1 width, A4 height with no enlargement and is appended to this technical Appendix (Appendix A.2).
- 1.20. A further judgement was taken to present 90 degree views on A3 sheets to allow a direct comparison of the existing and proposed views.

CHOICE OF CAMERA

- 1.21. The Council Review raises the concerns over the use of two different cameras in the presentation with a Fixed Frame Camera with a 50mm Lens for visualisations and the use of a cropped frame sensor with a 35mm lens. The concerns raised are also related to the presentation of scale.
- 1.22. It was not considered necessary or proportionate to produce Type 4 visualisations for every available view, and to convey a 'journey' through the landscape Type 1 visualisations within which the accepted Cropped frame camera with a 35mm lens was used (Section 4.2 of the LI TGN 06/19).
- 1.23. Type 1 visualisations are also used within the LVIA to focus on specific targets within the view such as dwellings, from which public available views of the Site may not be achieved.
- 1.24. Two people undertook site visits and as such have two different cameras. AMD is a specialist in visualisations with a Fixed frame camera, whilst I am not and the cropped frame camera with 35mm lens is widely accepted for Type 1 images.
- 1.25. The display of the Type 1 images is in accordance with Table 3 of Section 4.2 of the LI TGN 06/19.

CONTEXT OF VISUAL MATERIAL

- 1.26. Throughout the Council's Review, the context of each viewpoint is brought into question. Type 1 viewpoints have been taken to either identify a specific target or provide a journey review and as such I do not consider that context, in this instance, is necessary.
- 1.27. The following images identify the context to the left and right of the Type 4 viewpoints.

Viewpoint 1



Left of VP1



Right of VP1

Viewpoint 2



Left of VP2



Right of VP2

Viewpoint 5



Left of VP5



Right of VP5

Viewpoint 6



Left of VP6



Right of VP6

Viewpoint 8



Left of VP8



Right of VP8

Viewpoint 12



Left of VP12



Right of VP12

Viewpoint 13

As it is a long distance panoramic view the site extents are well within the range of the view and it is clear from the image that vegetation either side of the view limits further visibility.



Left of view



Right of view

- 1.28. It is clear that the reason for not showing at least a 180 degree contextual view of these Viewpoints from these locations is that they are constrained either side by vegetation.
- 1.29. Professional judgement was used in this instance to reduce unnecessary visual material within the report that would provide no additional value to what was in fact the available view. It was judged that the 90degree views were adequate to construe the context of these views.

HEIGHT OF PLANTING

- 1.30. The Council Review raises concerns over the height of planting within the visualisations for Viewpoints 1 and 5.
- 1.31. The species mix proposed within the mitigation woodland are faster growing as the species mix includes a larger percentage of willow, alder and birch, pioneer species within a woodland setting, and particularly suited to low lying environments. Their growth height at 10 years ranges from 6-12m, with 10-12m appropriate for willow species. The visualisations show up to 9m in height of woodland planting.

CONCLUSION

- 1.32. When considered as a whole it appears that assumptions have been made by the Council's review based on what appears to be a desk-based review of the series of pdf documents. These assumptions relate to the preparation of the ZTV, the 3D model, the visible extent of the site that has been clearly described in each viewpoint within the LVIA, height of vegetation, distances and the scale of the site. This information could have been requested by The Council and provided.
- 1.33. The photography and the preparation of the visualisations has been undertaken in accordance with the Technical Guidance Note (CD4.3). The 90degree views that are presented within the appendices of the LVIA and the LVIA Addendum are cylindrical views. They show the visible extent of the solar arrays in that view. They are also the context of the view as confirmed by the images above and as described within the LVIA. All other methodology has been undertaken with the correct approach. The Council's critique therefore does not raise any points that undermine the 'fitness for purpose' of the visual material or any of the judgements reached in the LVIA as to the nature and extent of the visual impacts themselves.

APPENDIX

Appendix A.1 Technical Details for Photomontages

Appendix A.2 Photomontages at A1

Appendix A.3 Full extent ZTVs, DTM and DSM

APPENDIX A.1

Technical Details for Photomontages

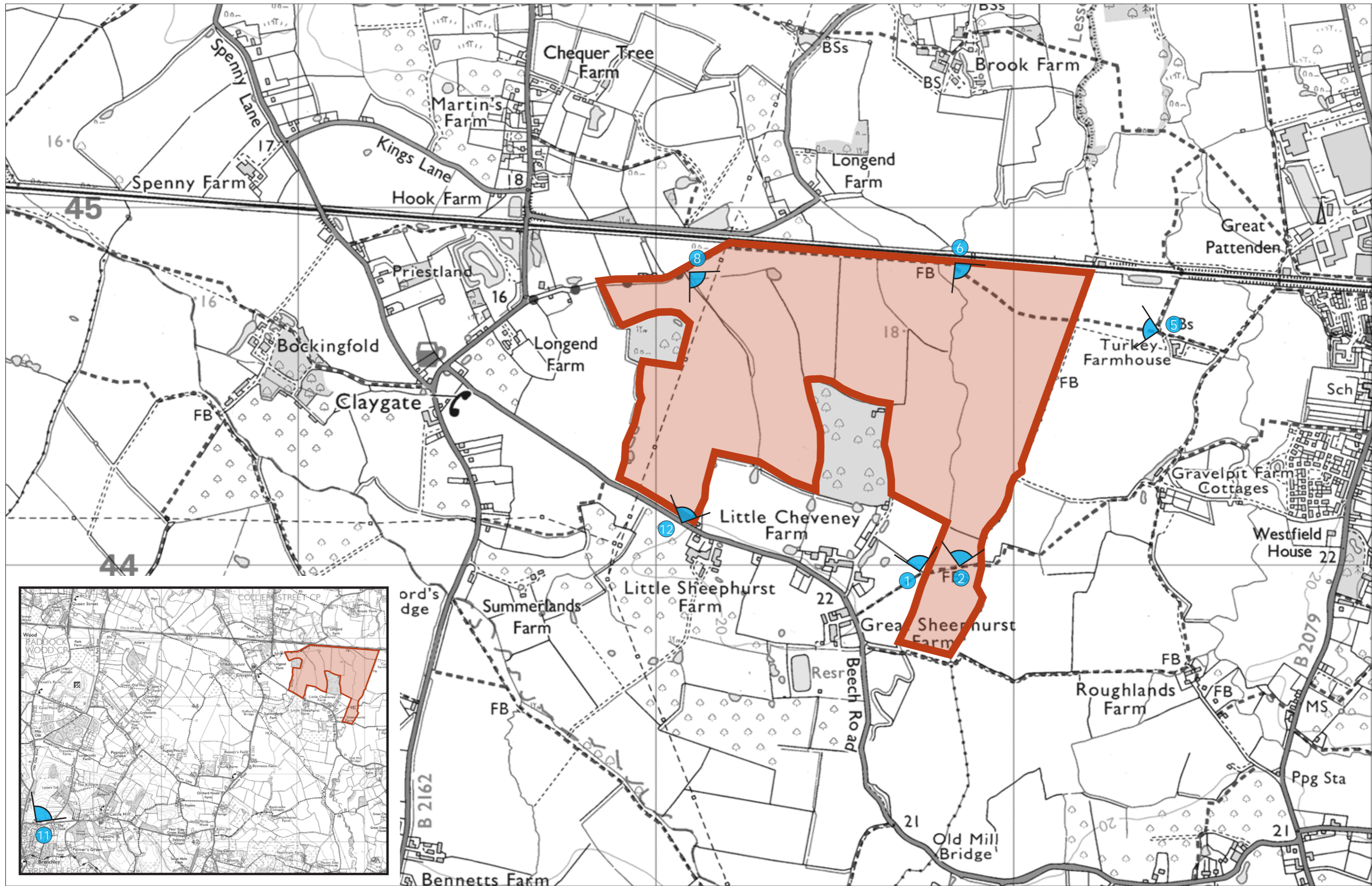
APPENDIX A.2

Photomontages at A1

APPENDIX A.3

Full Extent ZTVs DTM and DSM

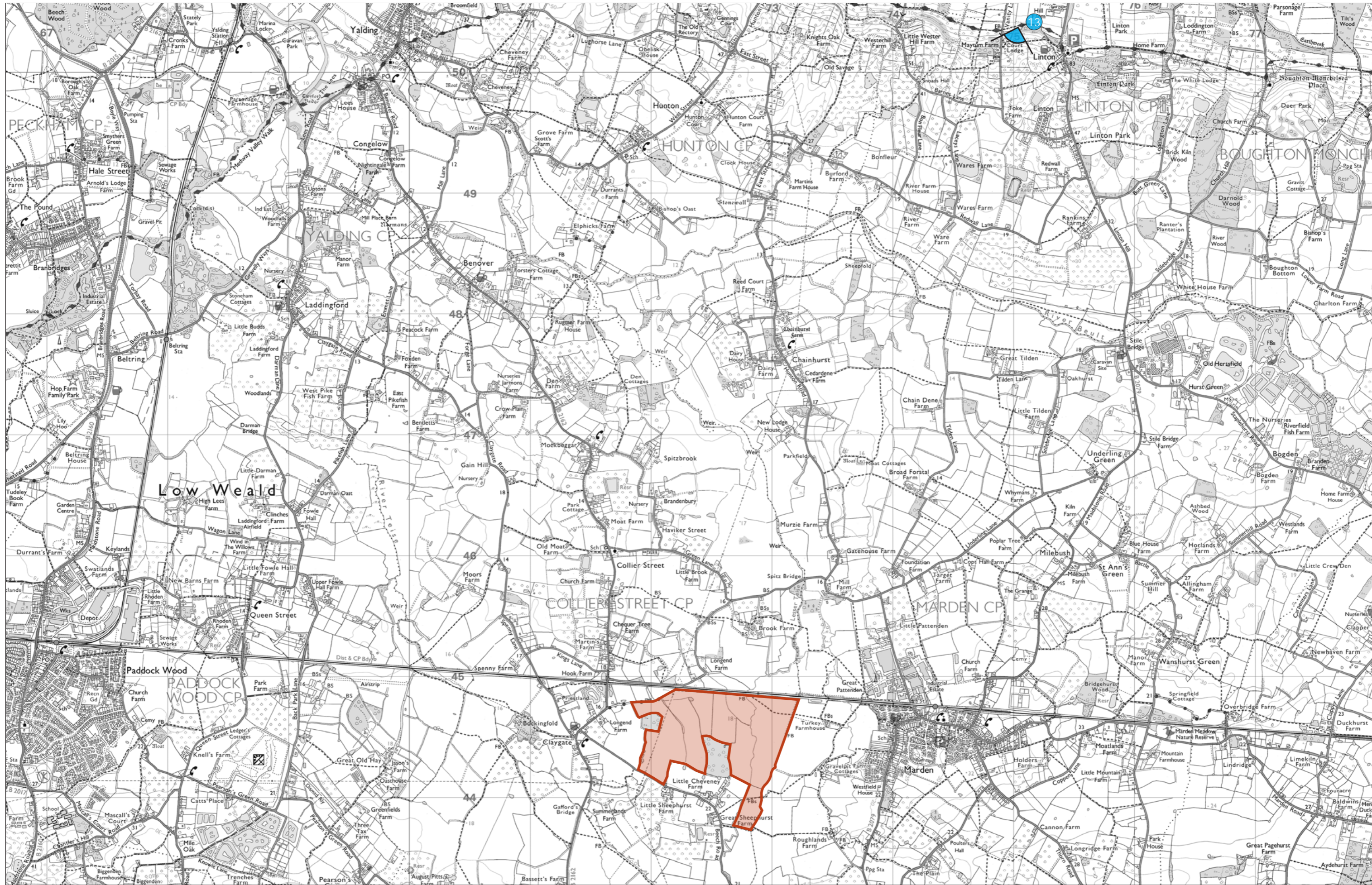
Appendix A.1.



Client Statkraft UK
 Project Sheepwash Solar Energy Farm, Marden
 Drawing Title Viewpoint Locations



Rose Cottage,
 Mill Lane, Wolverley,
 DY11 5TR
 M: 07747 816055



Client Statkraft UK
 Project Sheepwash Solar Energy Farm, Marden
 Drawing Title Viewpoint Locations



Rose Cottage,
 Mill Lane, Wolverley,
 DY11 5TR
 M: 07747 816055

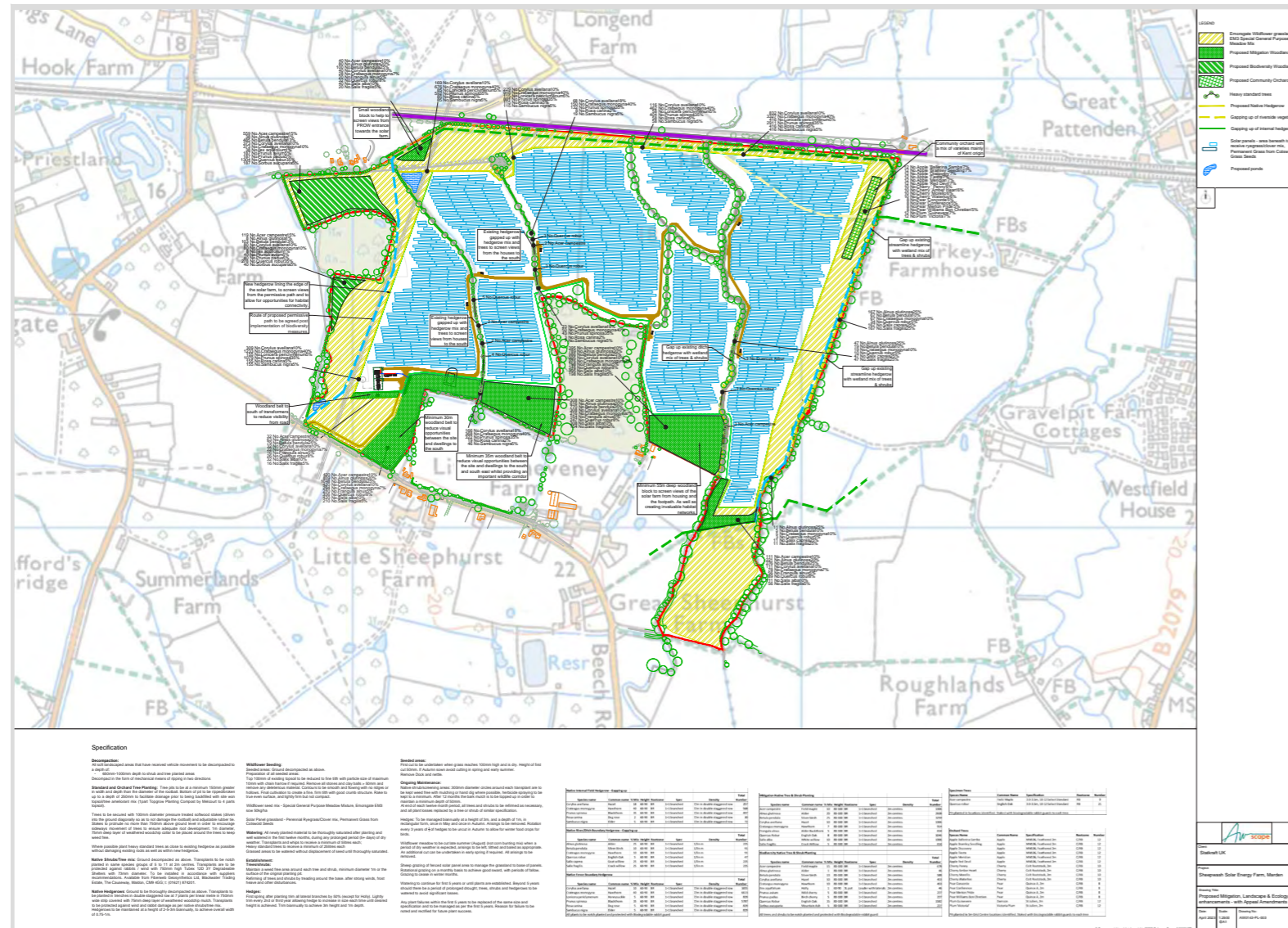
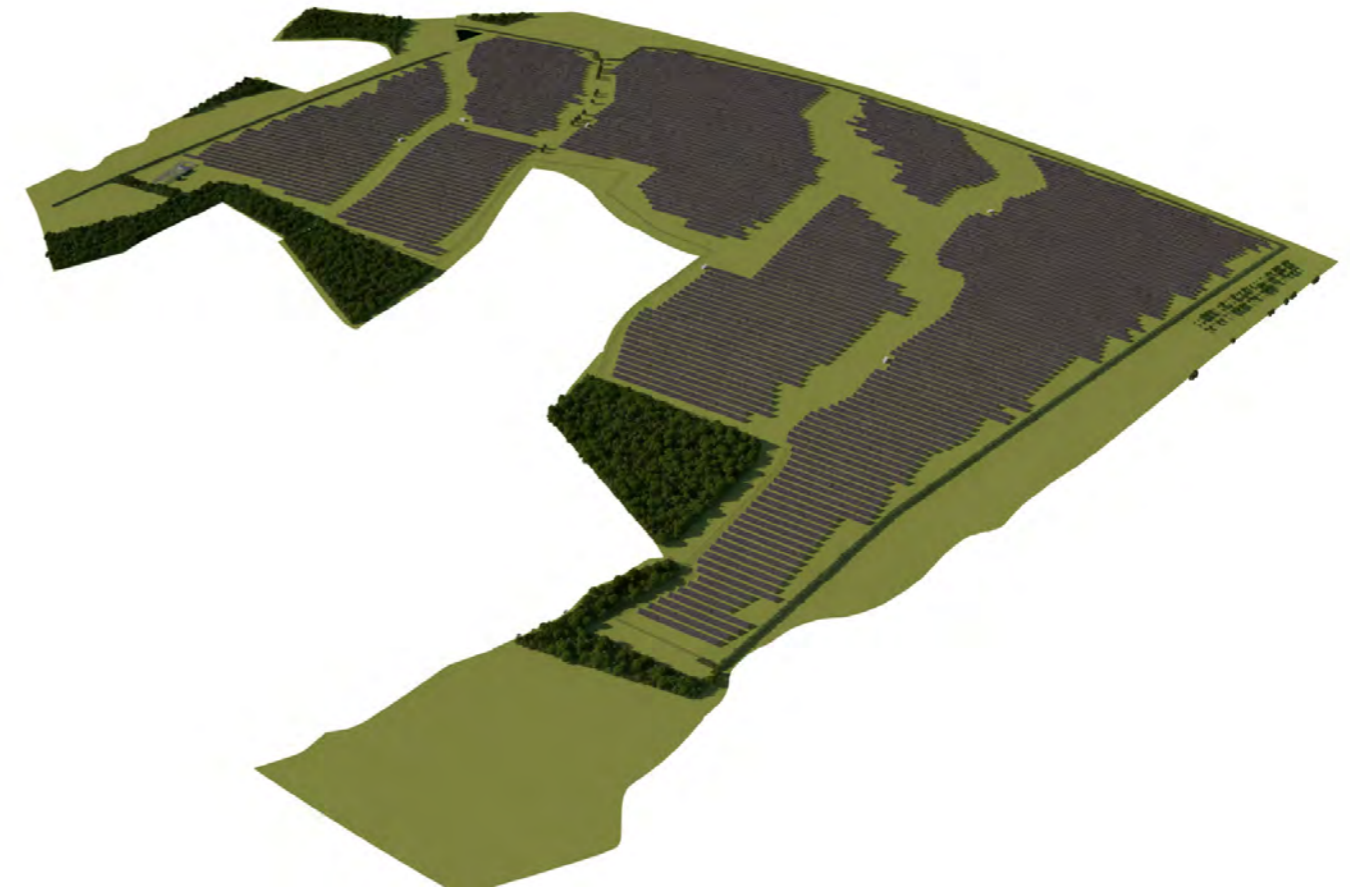
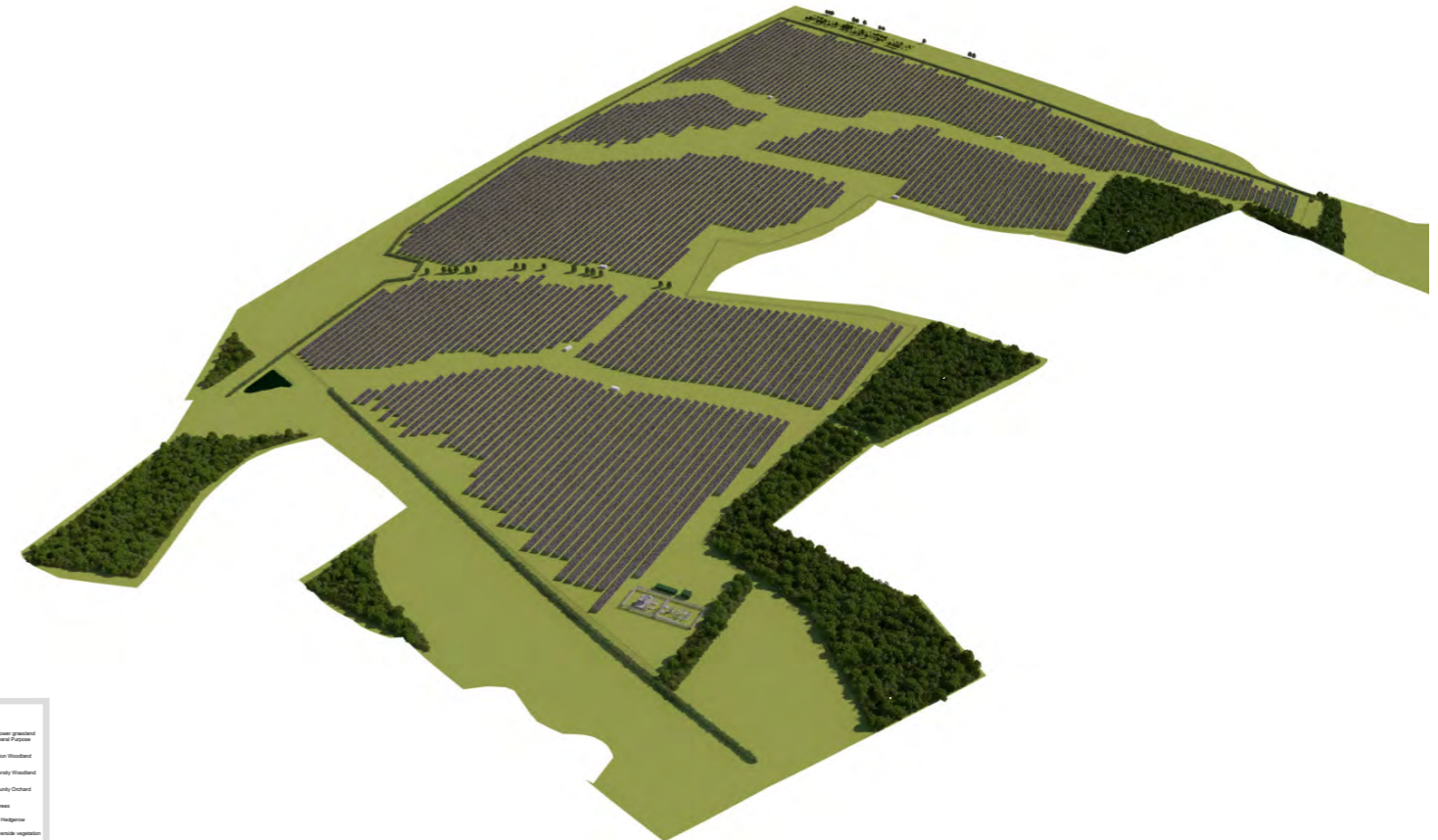
3D Modelling

A full 3D model of the site was created using the topographical survey to create a base terrain in 3DS Max. The supplied masterplan (SCUKX-SHEEP-000 100 (P)) was geo-located in AutoCAD to OSGB36 which was then offset to bring the site centre to the origin (0,0), avoiding potential for error in 3DS Max.

PV panel models were created in 3DS Max at 3m tall and parametrically distributed using the masterplan layout as the base, along the proposed substations, HV compound and fence surrounding the development.

Landscape was added using the awScope Ltd plan, AW0143-PL-003.

Models using Environment Agency 1m LiDAR data were created for both a digital terrain model (DTM) and a digital surface model (DSM) for use in the camera matching process alongside available control points surveyed on site.



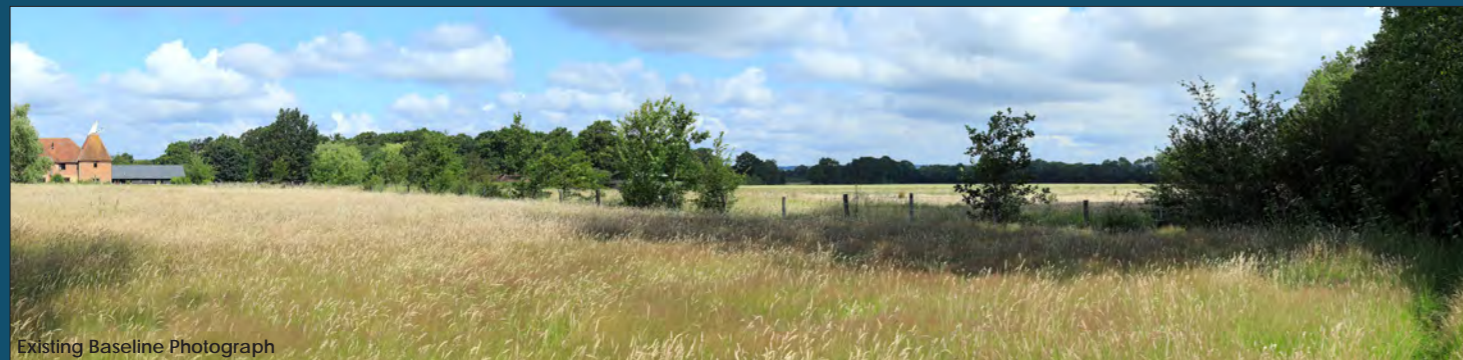
Landscape Strategy AW0143-PL-003

Client Statkraft UK
 Project Sheepwash Solar Energy Farm, Marden
 Drawing Title Technical Appendix

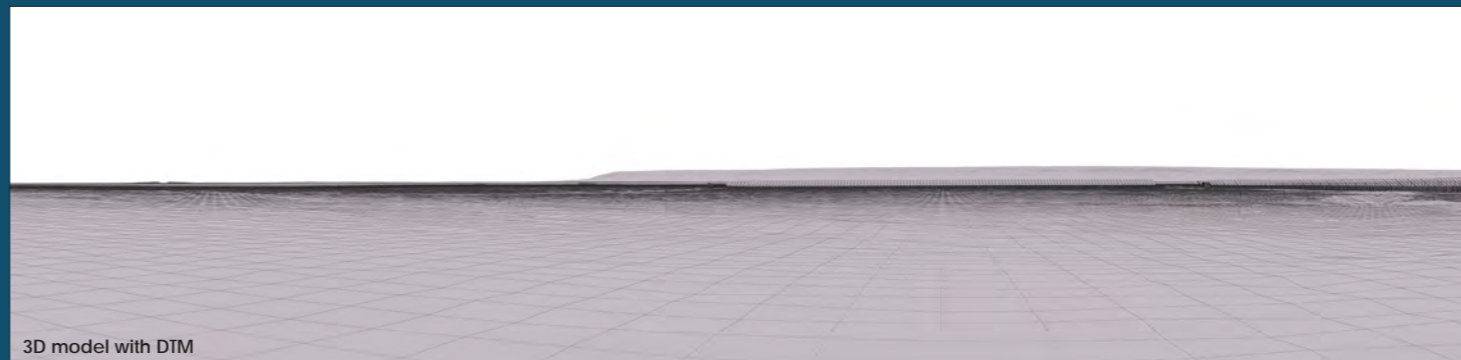


Rose Cottage,
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 DY11 5TR

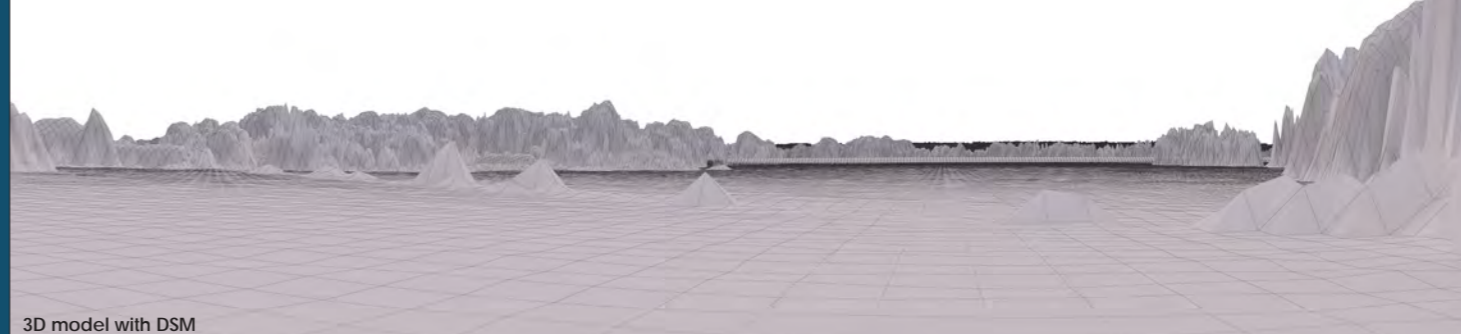
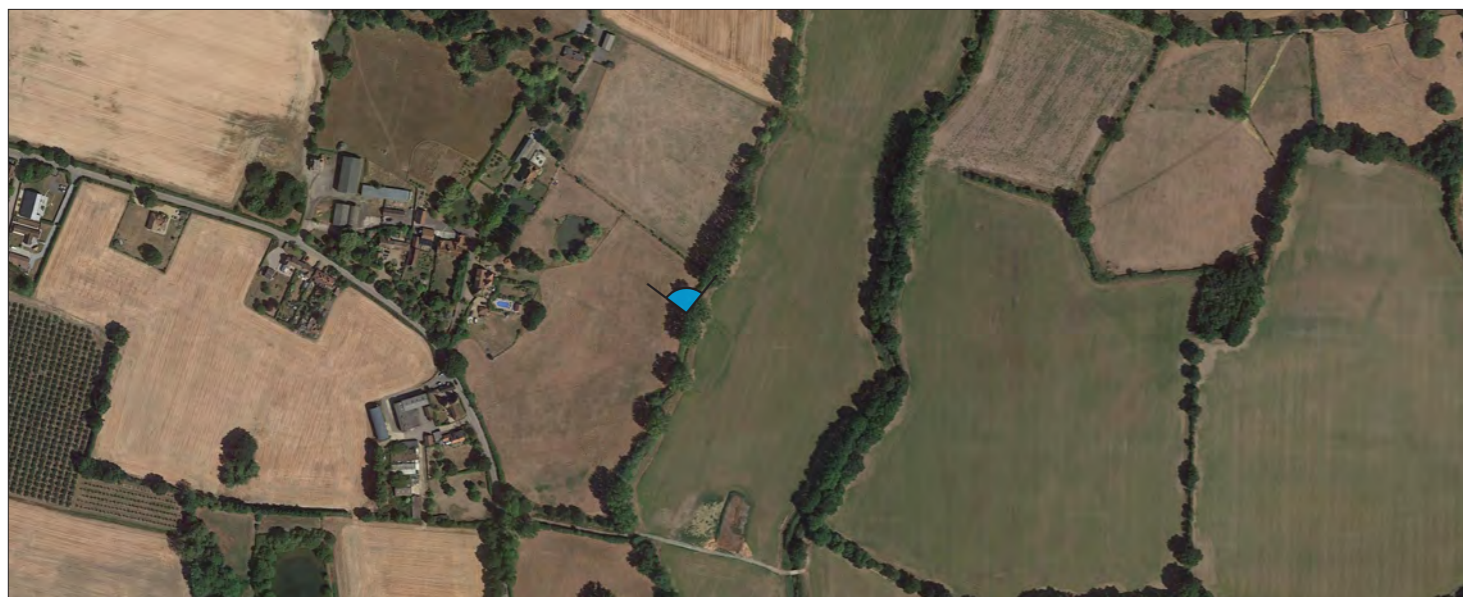
M: 07747 816055



Existing Baseline Photograph



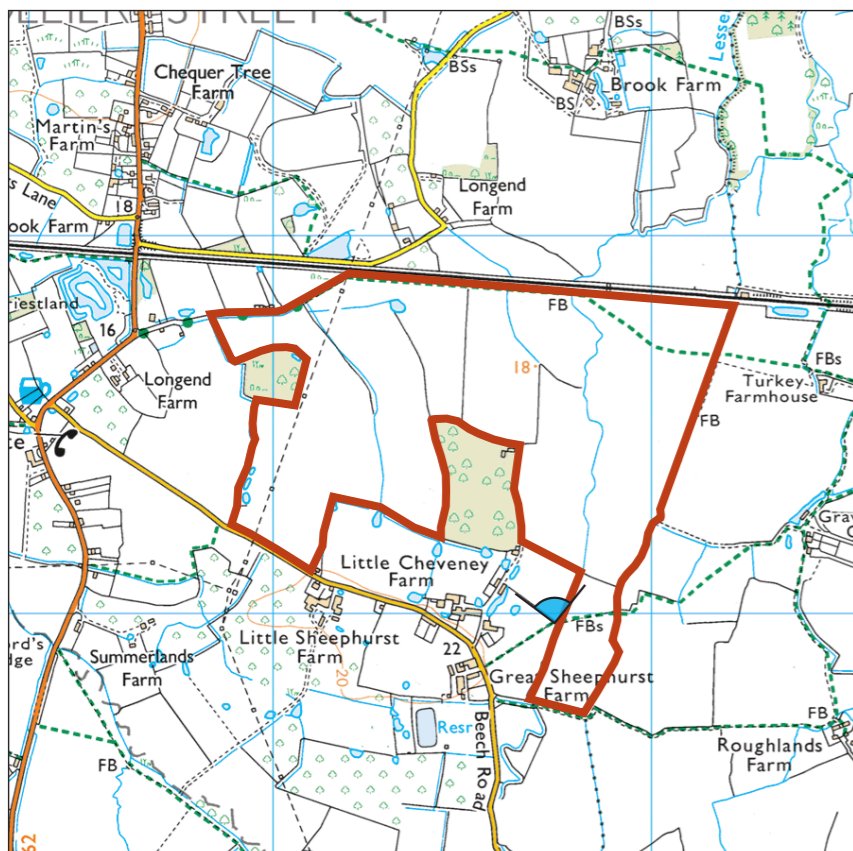
3D model with DTM



3D model with DSM



Composite view with DTM



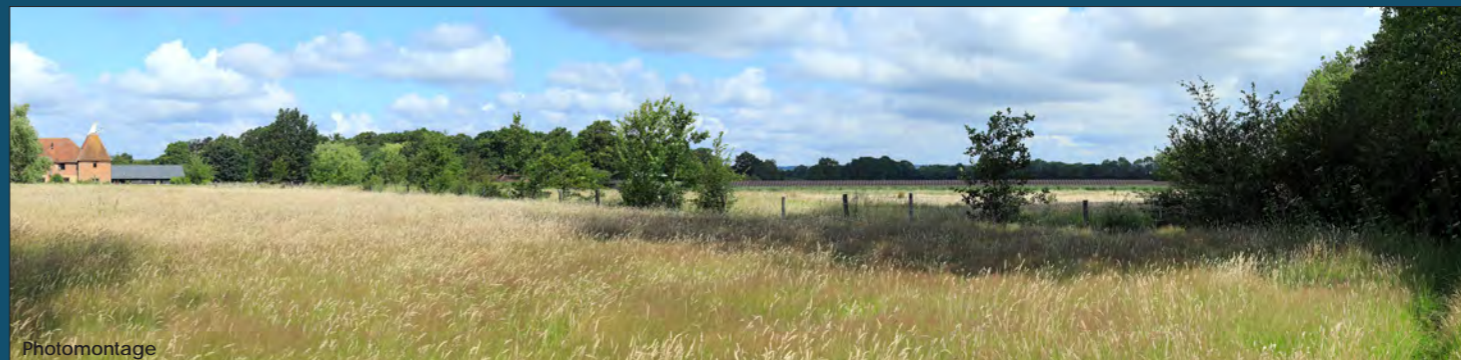
Viewpoint Location



Tripod Location



Composite view with DSM



Photomontage

Distance to nearest PV panel: 115m
 Bearing to site centre: 345°
 Viewpoint grid reference: 572739.043 E 143964.767 N
 Viewpoint ground height: 19.70m
 Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 10:34
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L

Control Points
 A - 572726.873, 143995.997, 20.95
 B - 572734.559, 143990.393, 20.85
 C - 572738.27, 143987.677, 20.99
 D - 572742.149, 143984.741, 20.88

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: A3 Landscape

Client: Statkraft UK
 Project: **Sheepwash Solar Energy Farm, Marden**
 Drawing Title: Viewpoint 1 - Existing

Fig 1

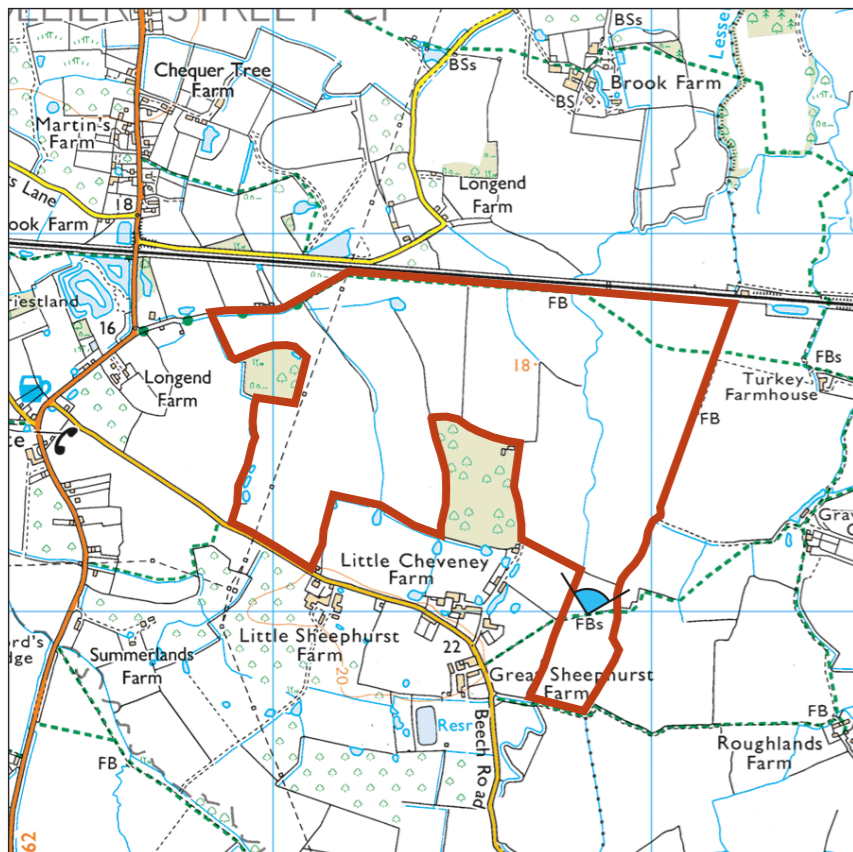


Rose Cottage,
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M: 07747 816055



Existing Baseline Photograph



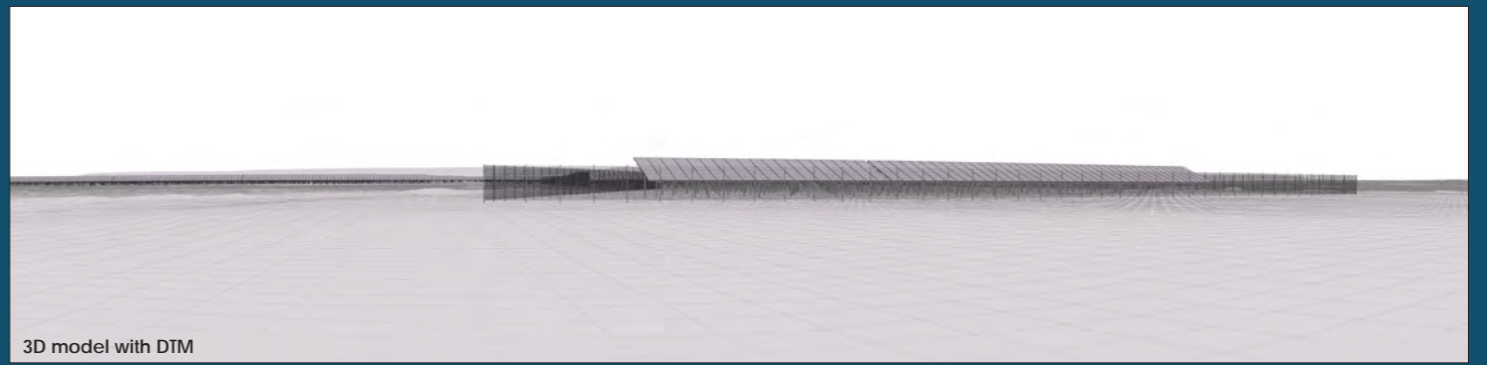
Viewpoint Location



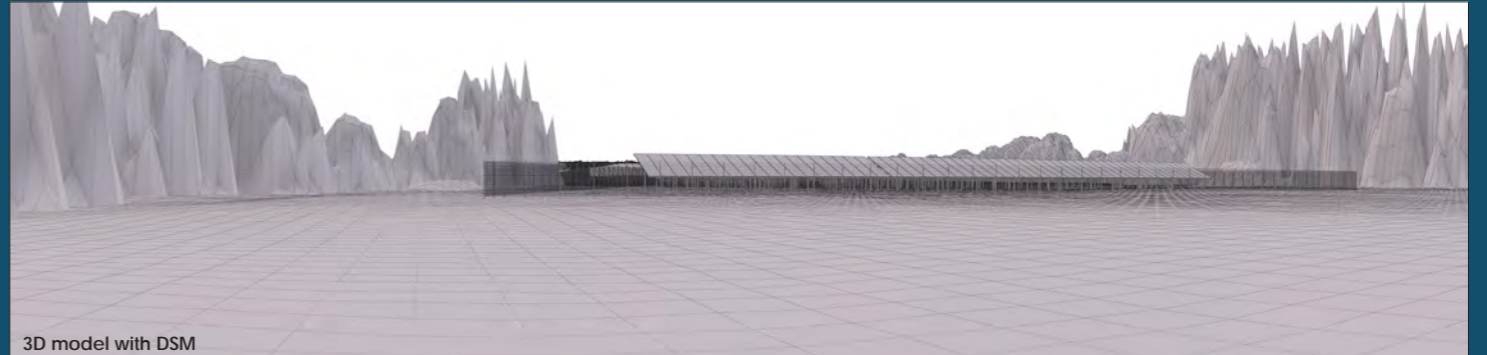
Tripod Location

Distance to nearest PV panel: 50m
 Bearing to site centre: 337°
 Viewpoint grid reference: 572809.573 E 143991.04 N
 Viewpoint ground height: 19.09m
 Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 10:55
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L



3D model with DTM



3D model with DSM



Composite view with DTM



Composite view with DSM



Photomontage

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: A3 Landscape

Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 2 - Existing

Fig 2

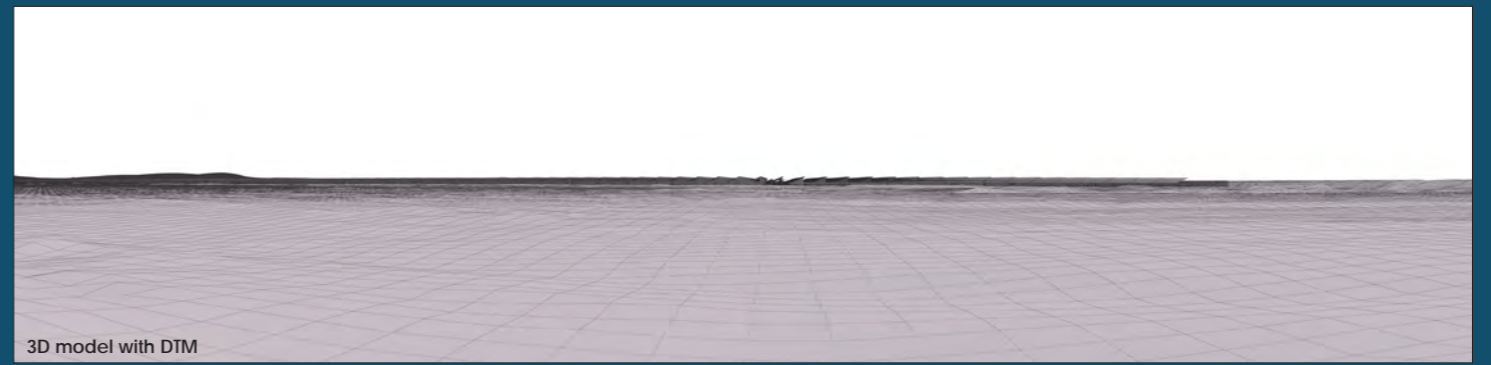


Rose Cottage,
 Mill Lane, Wolverley,
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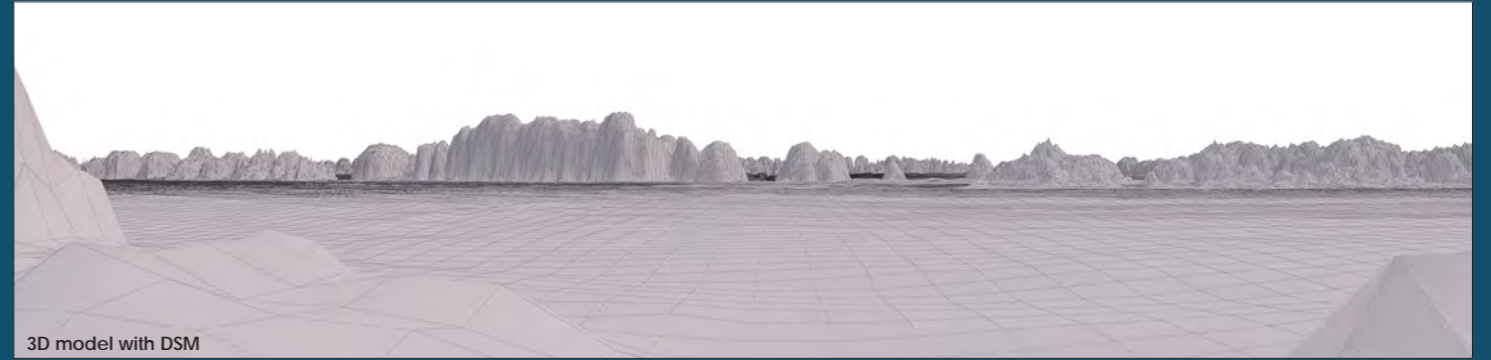
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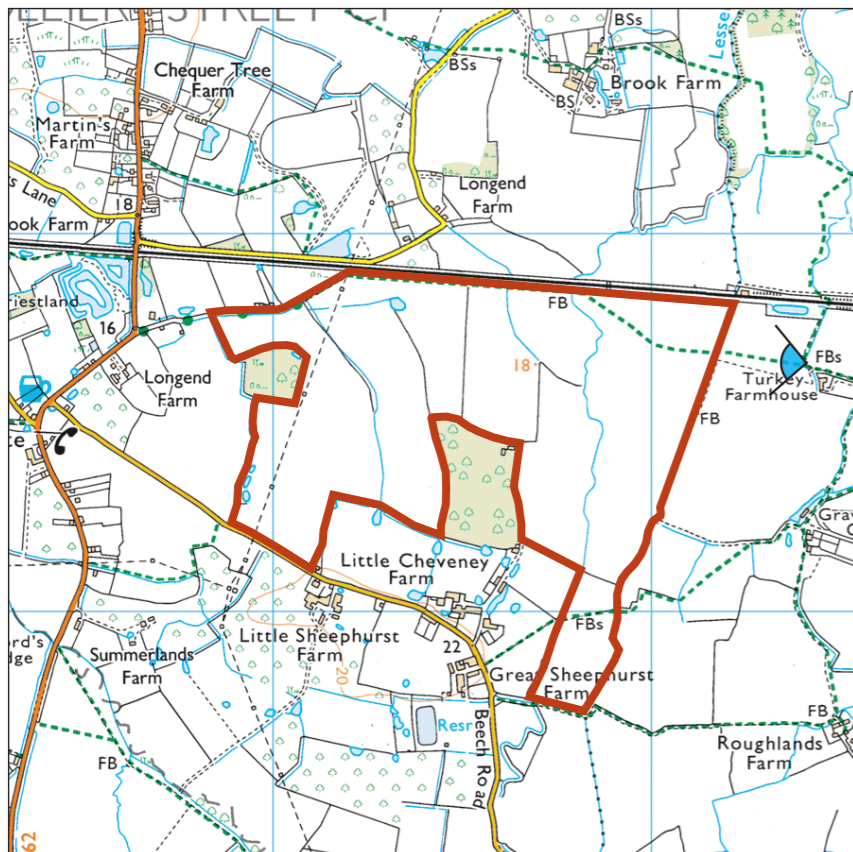
Existing Baseline Photograph



3D model with DTM



3D model with DSM



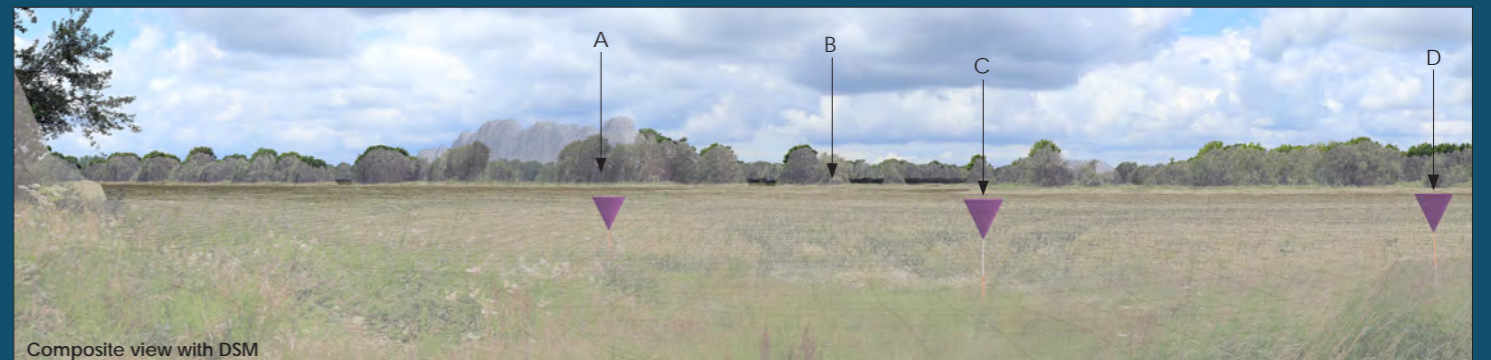
Viewpoint Location



Tripod Location



Composite view with DTM



Composite view with DSM



Photomontage

Distance to nearest PV panel: 304m
 Bearing to site centre: 258°
 Viewpoint grid reference: 573416.243 E 144671.375 N
 Viewpoint ground height: 17.79m
 Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 12:00
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L

Control Points
 A - 573399.846, 144668.426, 18.56
 B - 573176.137, 144685.896, 19.71
 C - 573402.601, 144674.449, 18.56
 D - 573405.291, 144680.64, 18.67

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: A3 Landscape

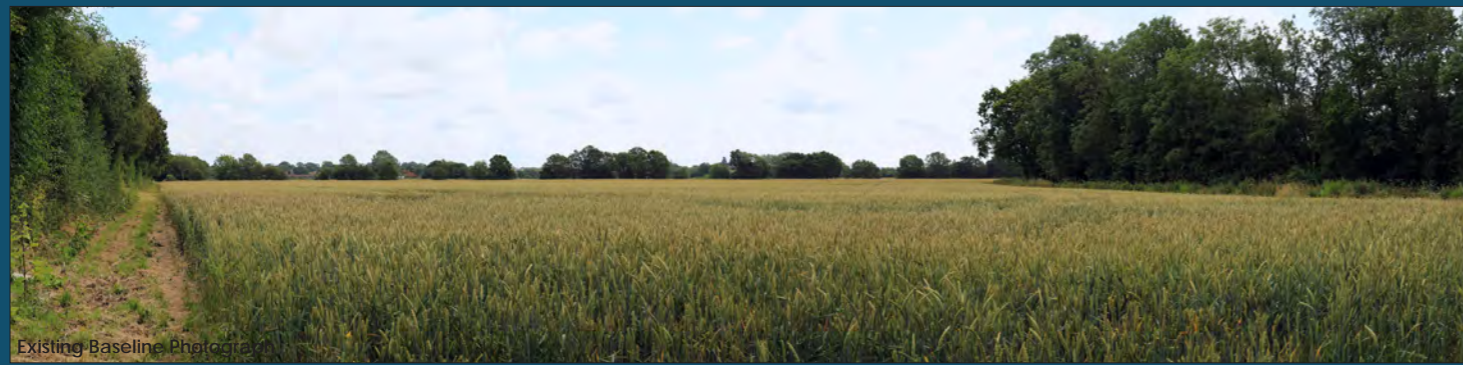
Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 5 - Existing

Fig 3

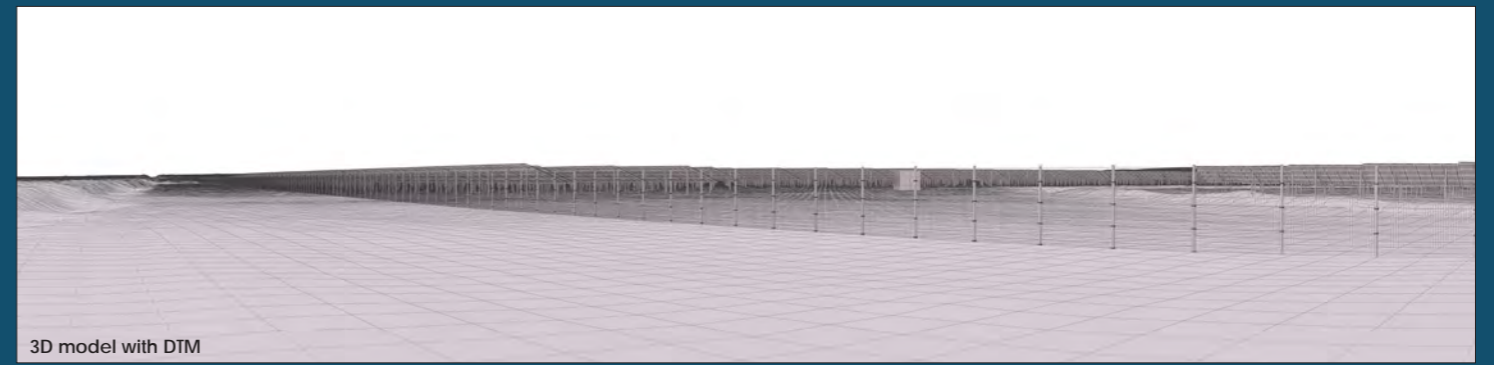


Rose Cottage,
 Mill Lane, Wolverley,
 DY11 5TR

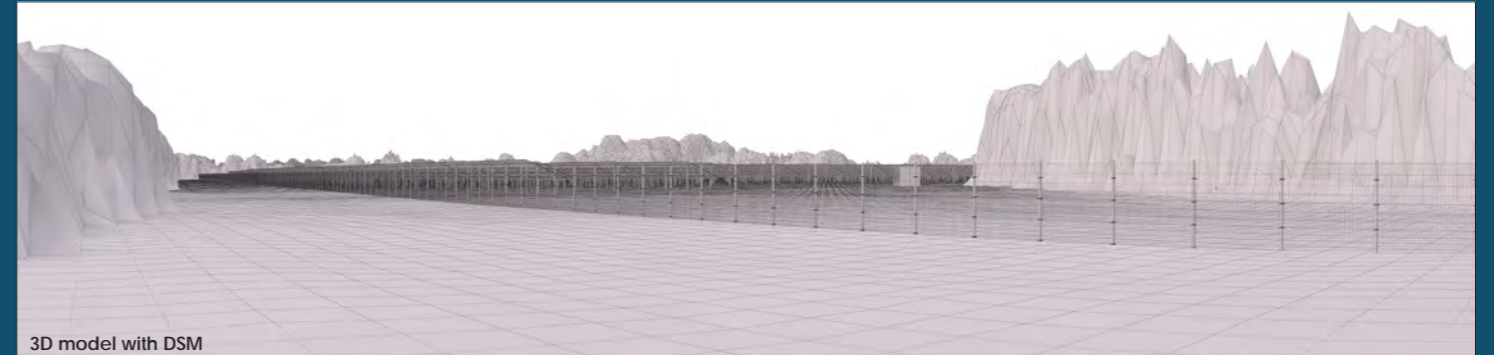
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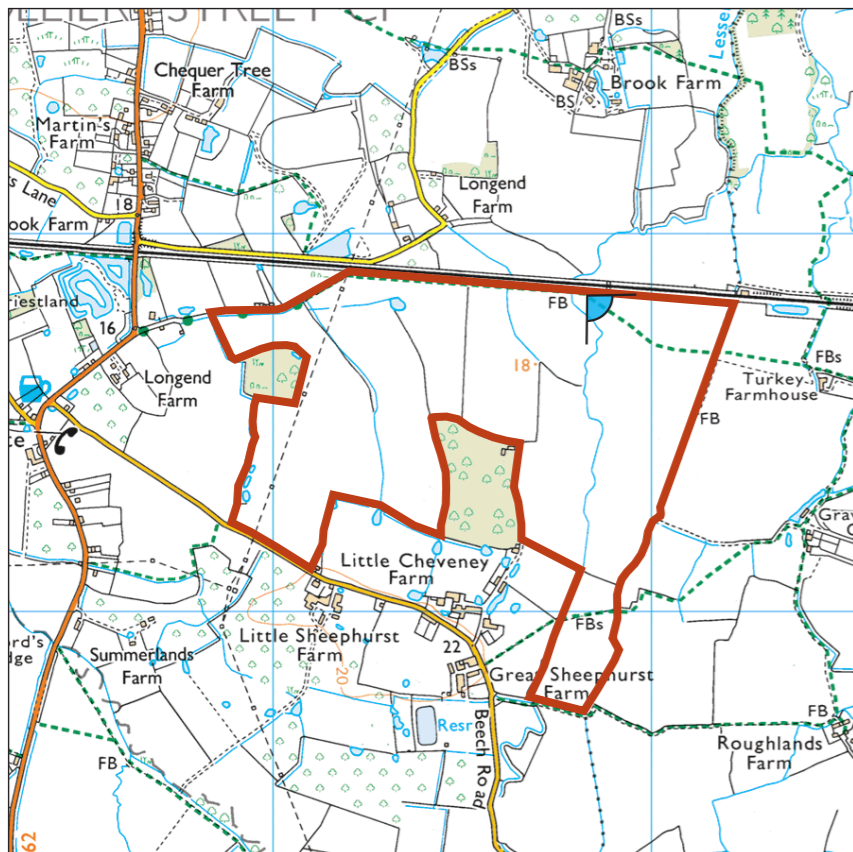
Existing Baseline Photograph



3D model with DTM



3D model with DSM



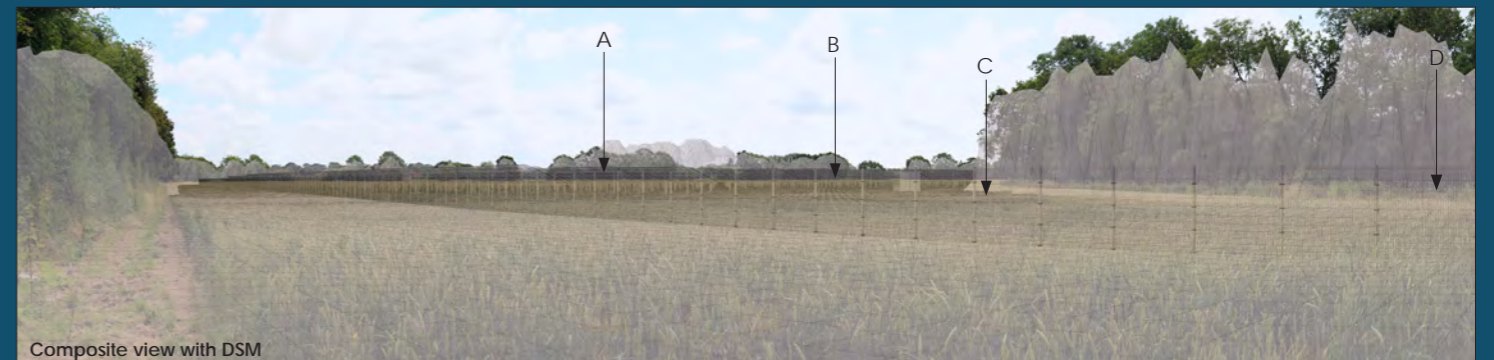
Viewpoint Location



Tripod Location



Composite view with DTM



Composite view with DSM



Photomontage

Distance to nearest PV panel: 85m
 Bearing to site centre: 211°
 Viewpoint grid reference: 572797.461 E 144852.858 N
 Viewpoint ground height: 17.67m
 Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 12:41
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: A3 Landscape

Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 6 - Existing

Fig 4

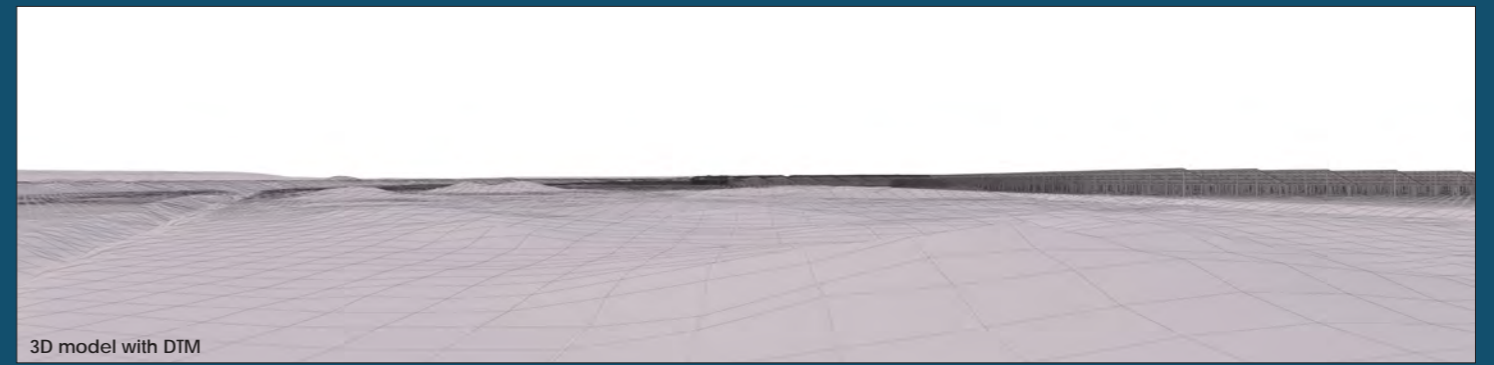


Rose Cottage,
 Mill Lane, Wolverley,
 DY11 5TR

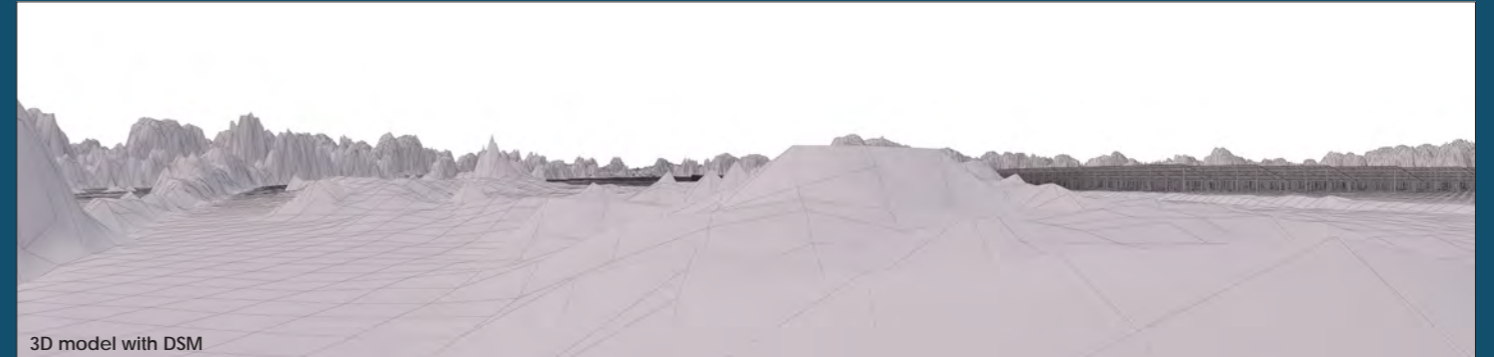
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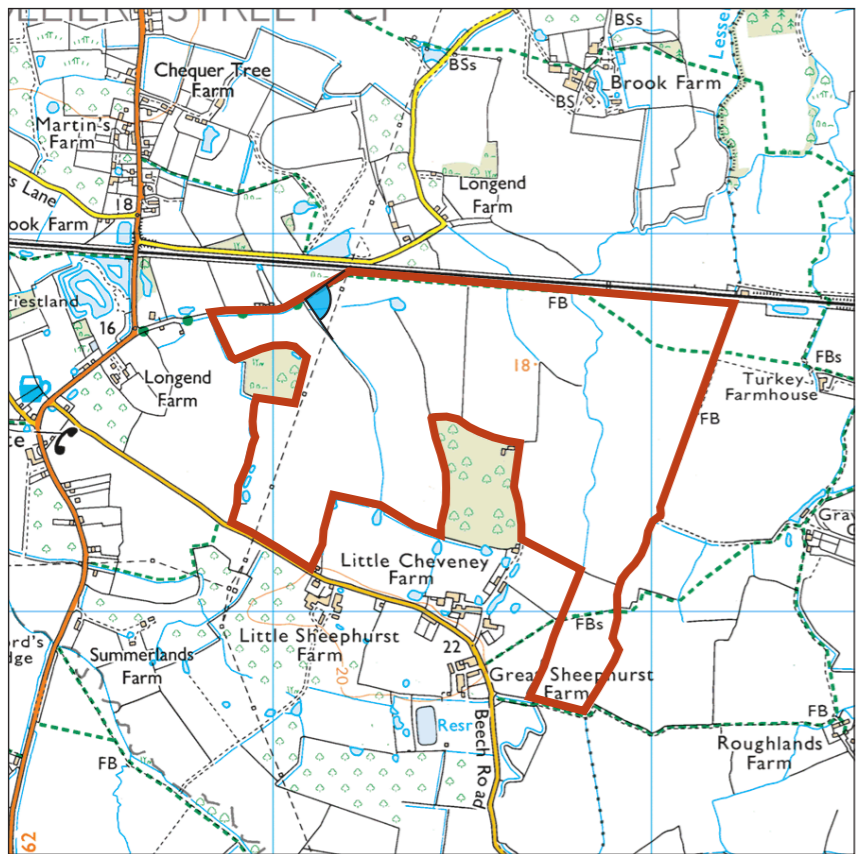
Existing Baseline Photograph



3D model with DTM



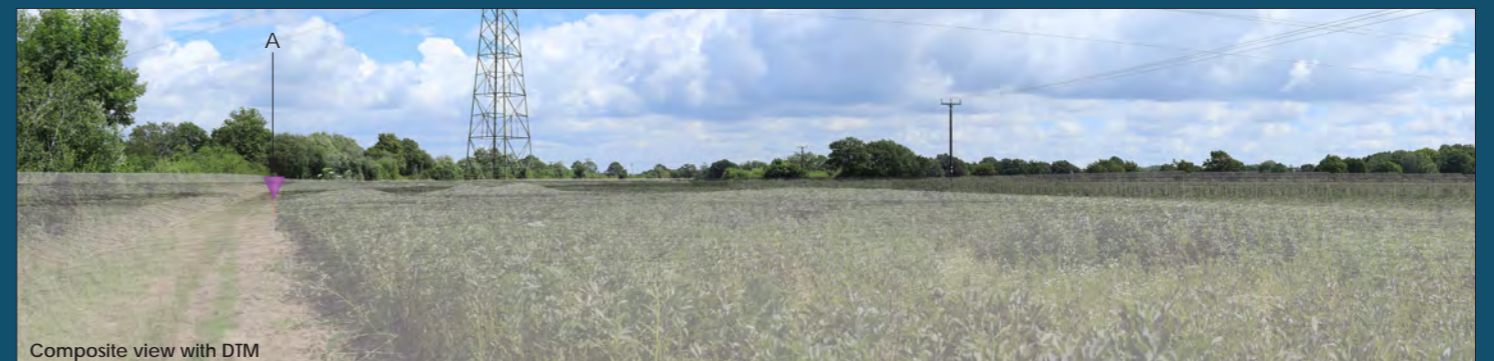
3D model with DSM



Viewpoint Location



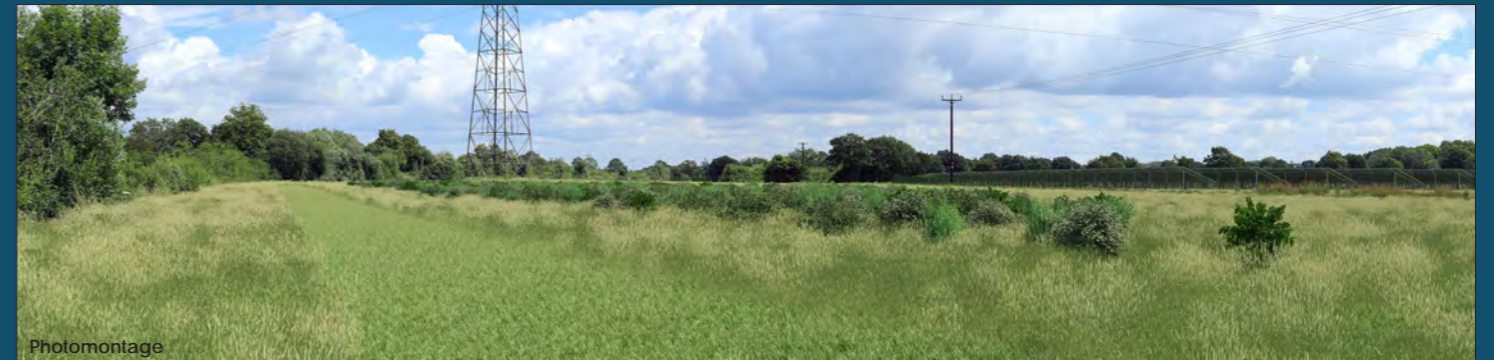
Tripod Location



Composite view with DTM



Composite view with DSM



Photomontage

Distance to nearest PV panel: 105m
 Bearing to site centre: 123°
 Viewpoint grid reference: 572088.775 E 144826.646 N
 Viewpoint ground height: 16.37m
 Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 13:39
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L

Control Points
 A - 572109.719, 144838.343, 17.56

Rev: -
 Scale: -
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 Checked: AW
 Sheet Size: A3 Landscape

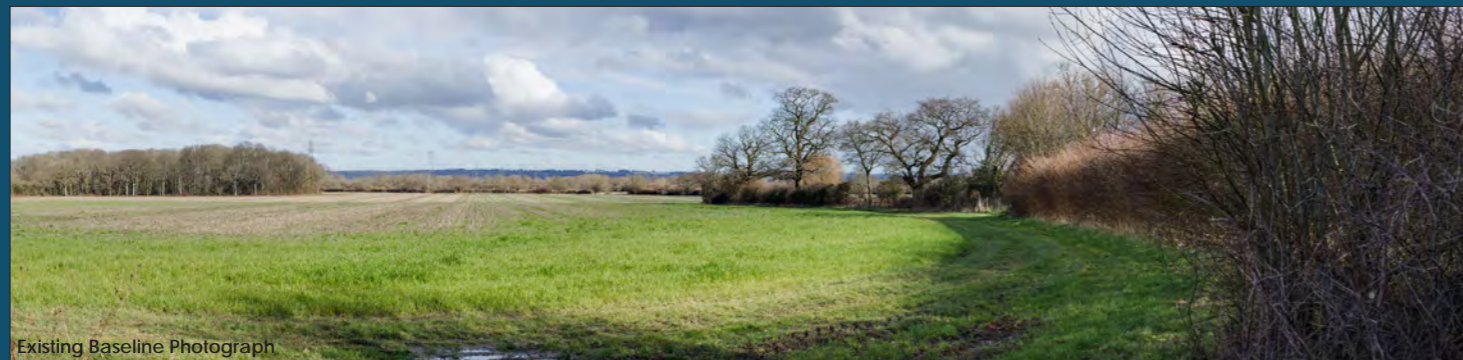
Client: Statkraft UK
 Project: **Sheepwash Solar Energy Farm, Marden**
 Drawing Title: Viewpoint 8 - Existing

Fig 5

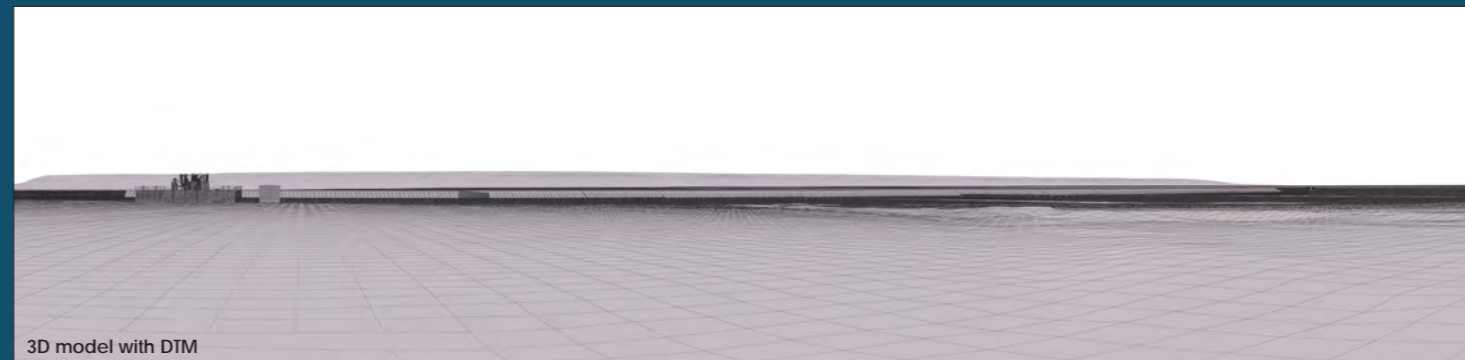


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 Mill Lane, Wolverley,
 DY11 5TR

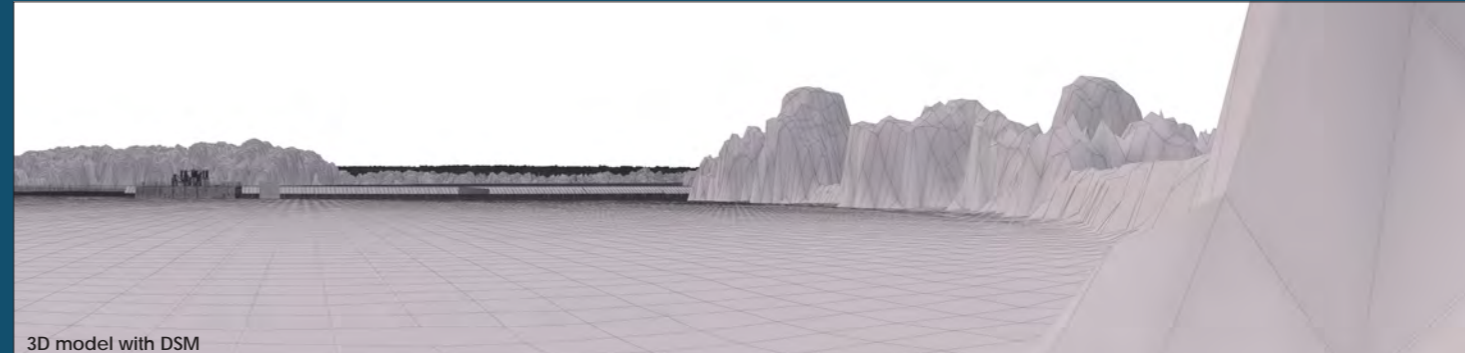
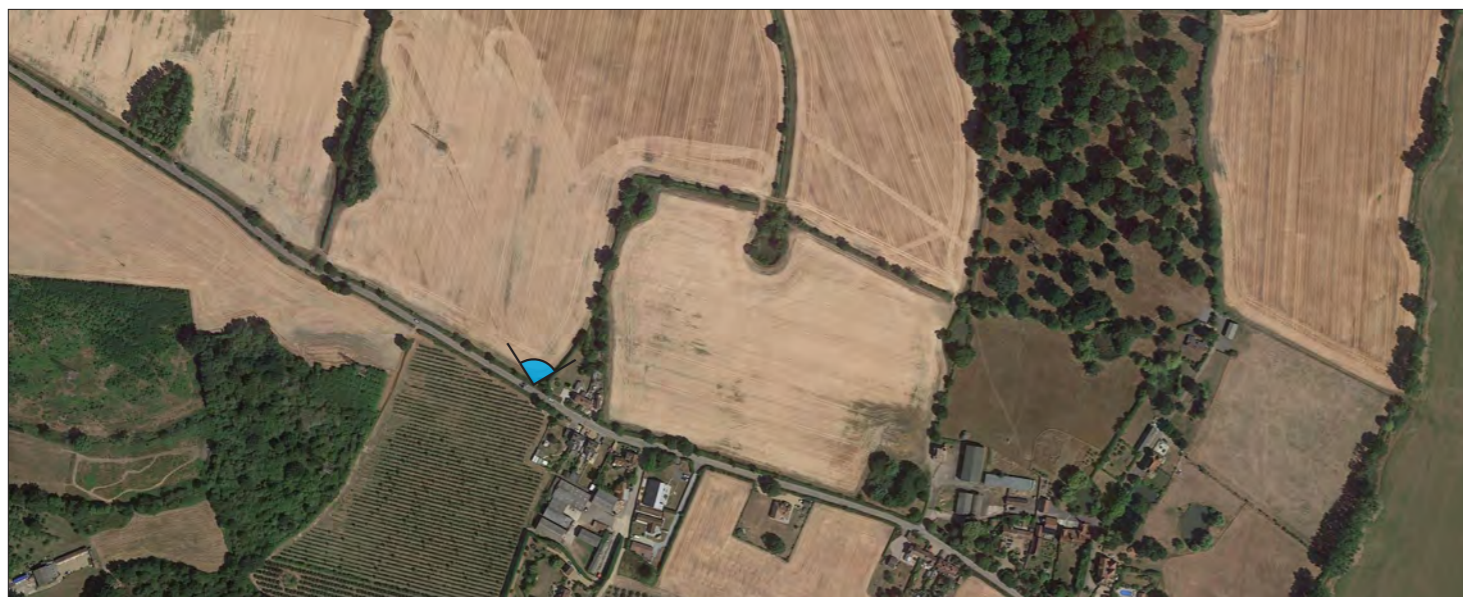
M: 07747 816055



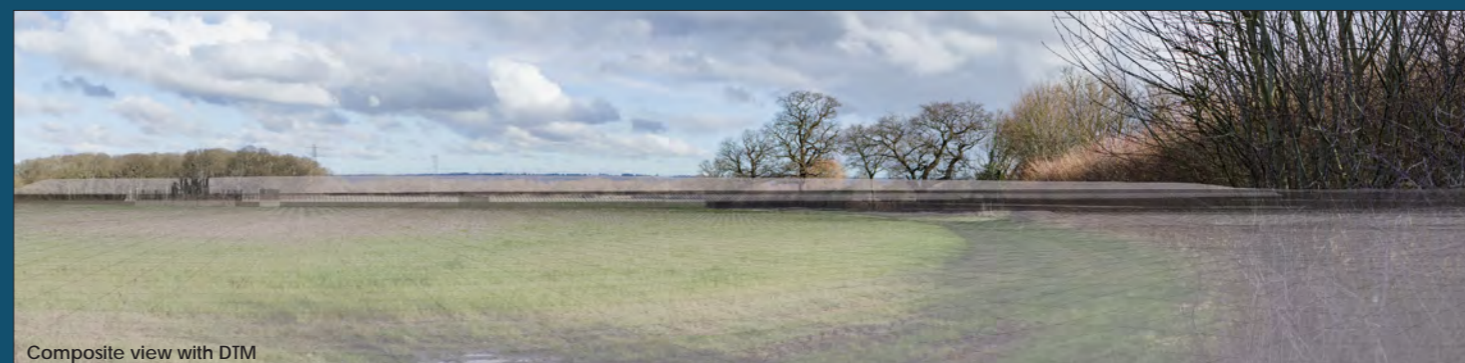
Existing Baseline Photograph



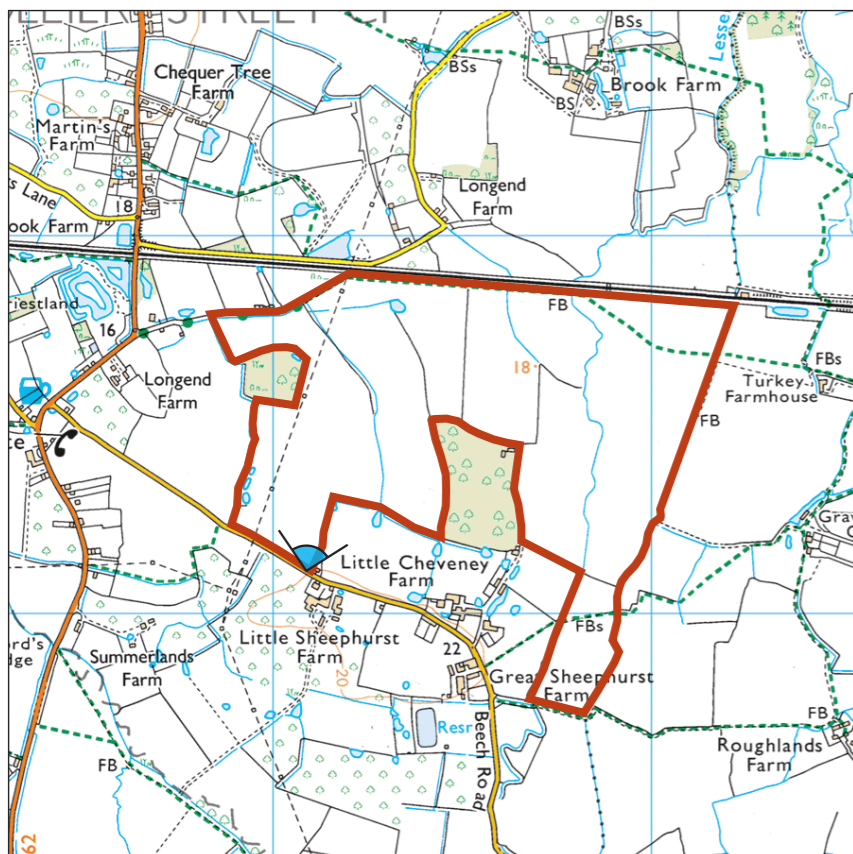
3D model with DTM



3D model with DSM



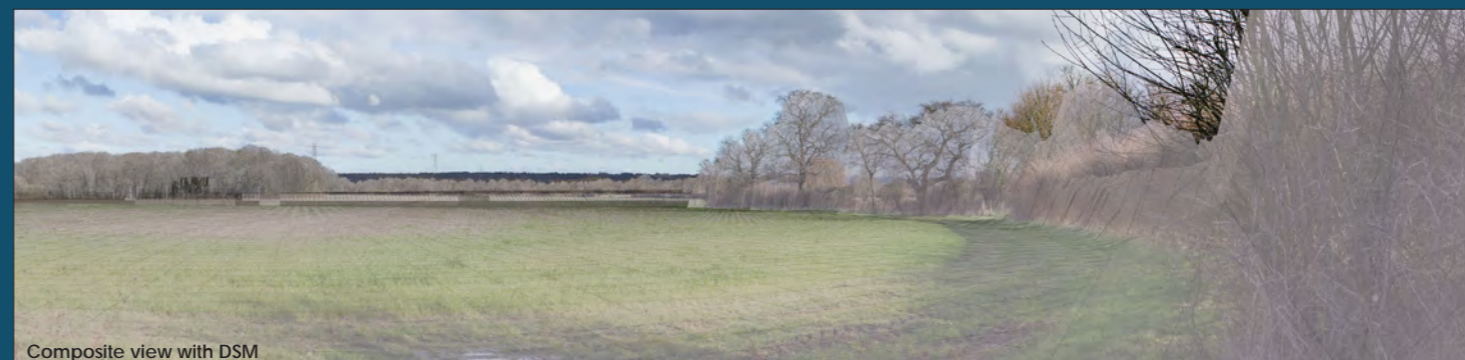
Composite view with DTM



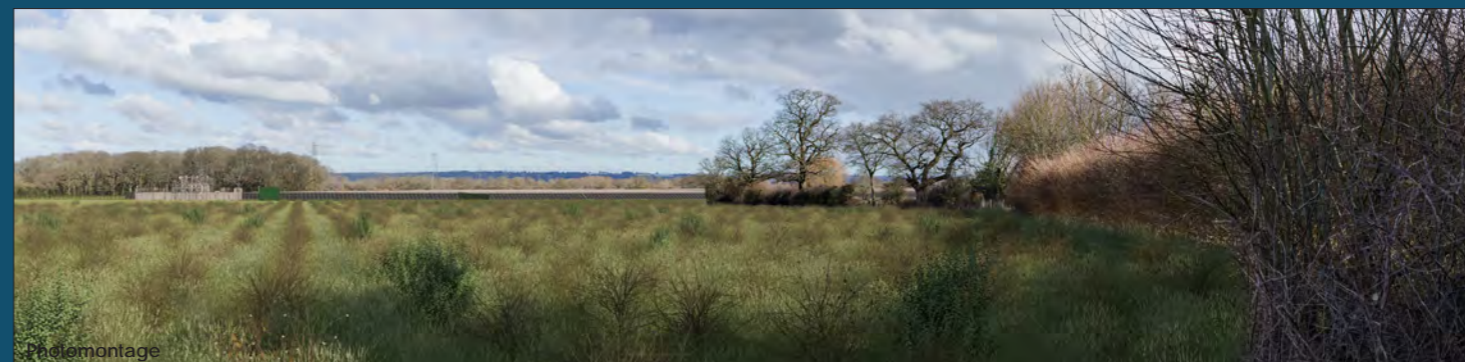
Viewpoint Location



Tripod Location



Composite view with DSM



Photomontage

Distance to nearest PV panel: 232m
 Bearing to site centre: 054°
 Viewpoint grid reference: 572077.964 E 144128.463 N
 Viewpoint ground height: 20.02m
 Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 27/02/2023 10:19
 Camera: Canon 5D MkIV
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 Drawn: AM
 Checked: AW
 Sheet Size: A3 Landscape

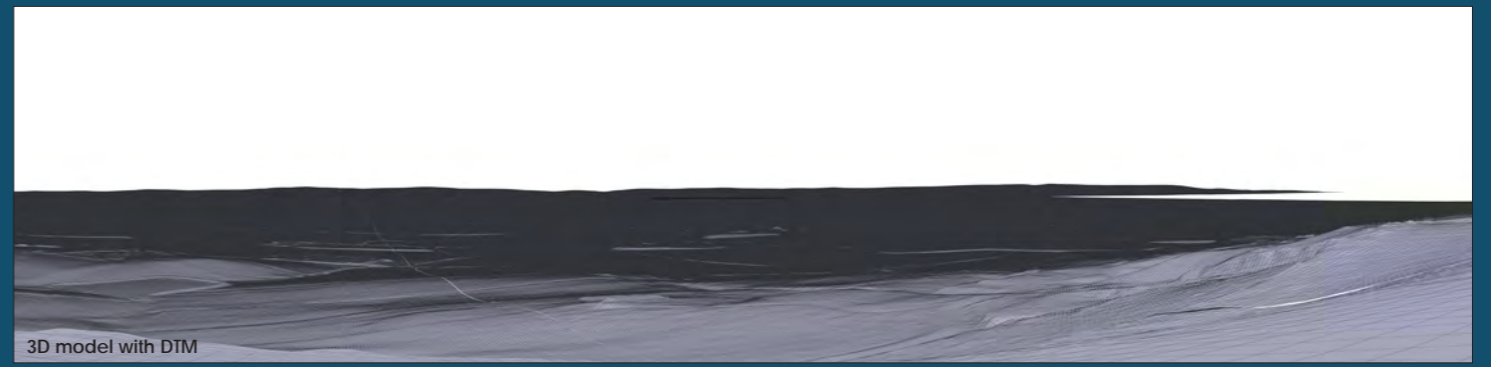
Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 12 - Existing

Fig 6



Rose Cottage,
 Mill Lane, Wolverley,
 DY11 5TR

M: 07747 816055



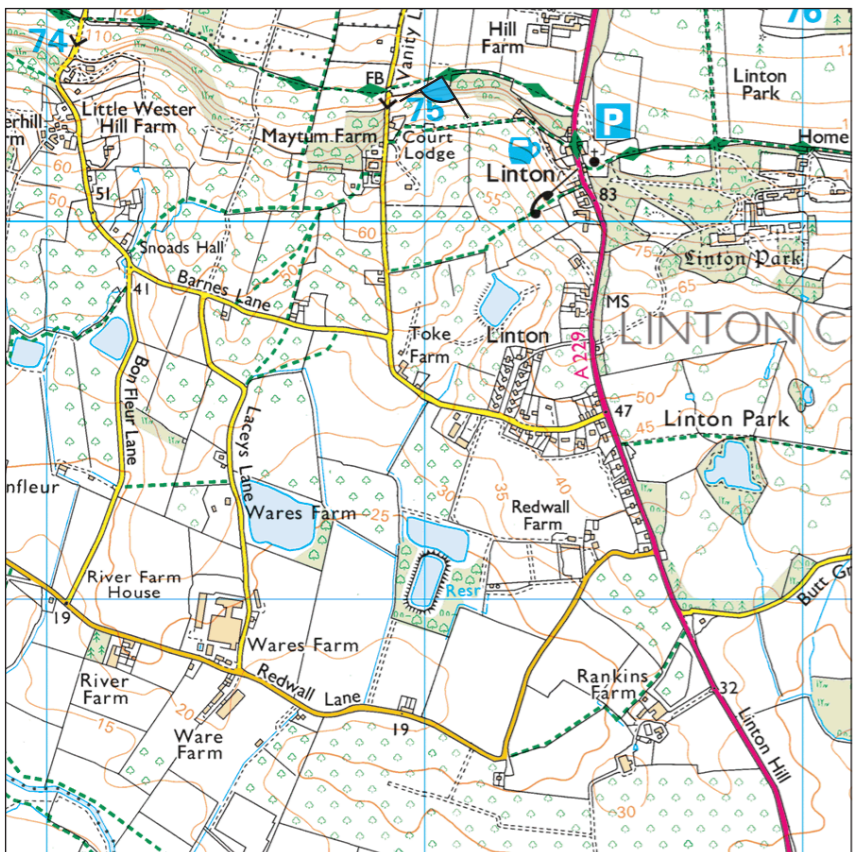
3D model with DTM



3D model with DSM



Composite view with DTM



Tripod Location

Viewpoint Location



Composite view with DSM



Distance to nearest PV panel: 6km
 Bearing to site centre: 203°
 Viewpoint grid reference: 575062.775 E 150378.371 N
 Viewpoint ground height: 106.92m
 Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 27/02/2023 08:50
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: A3 Landscape

Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 13 - Existing

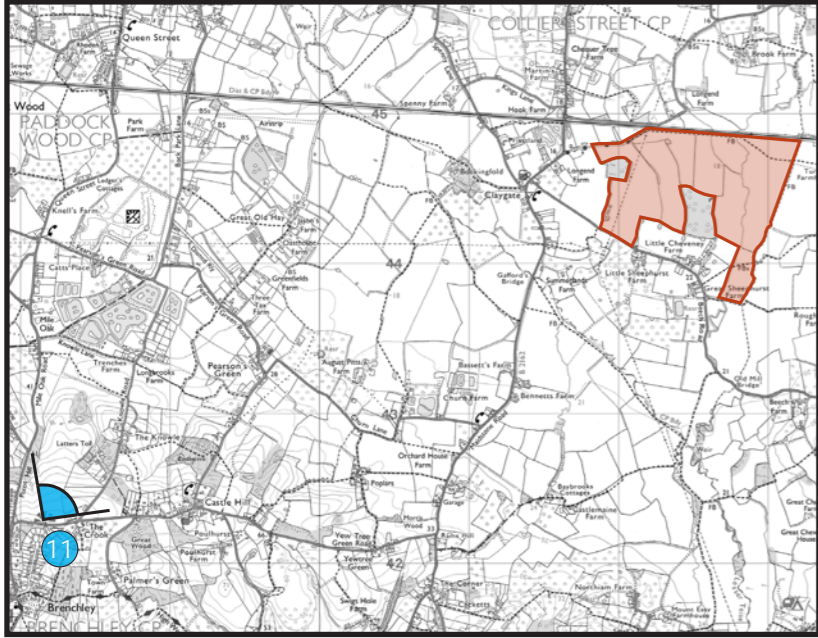
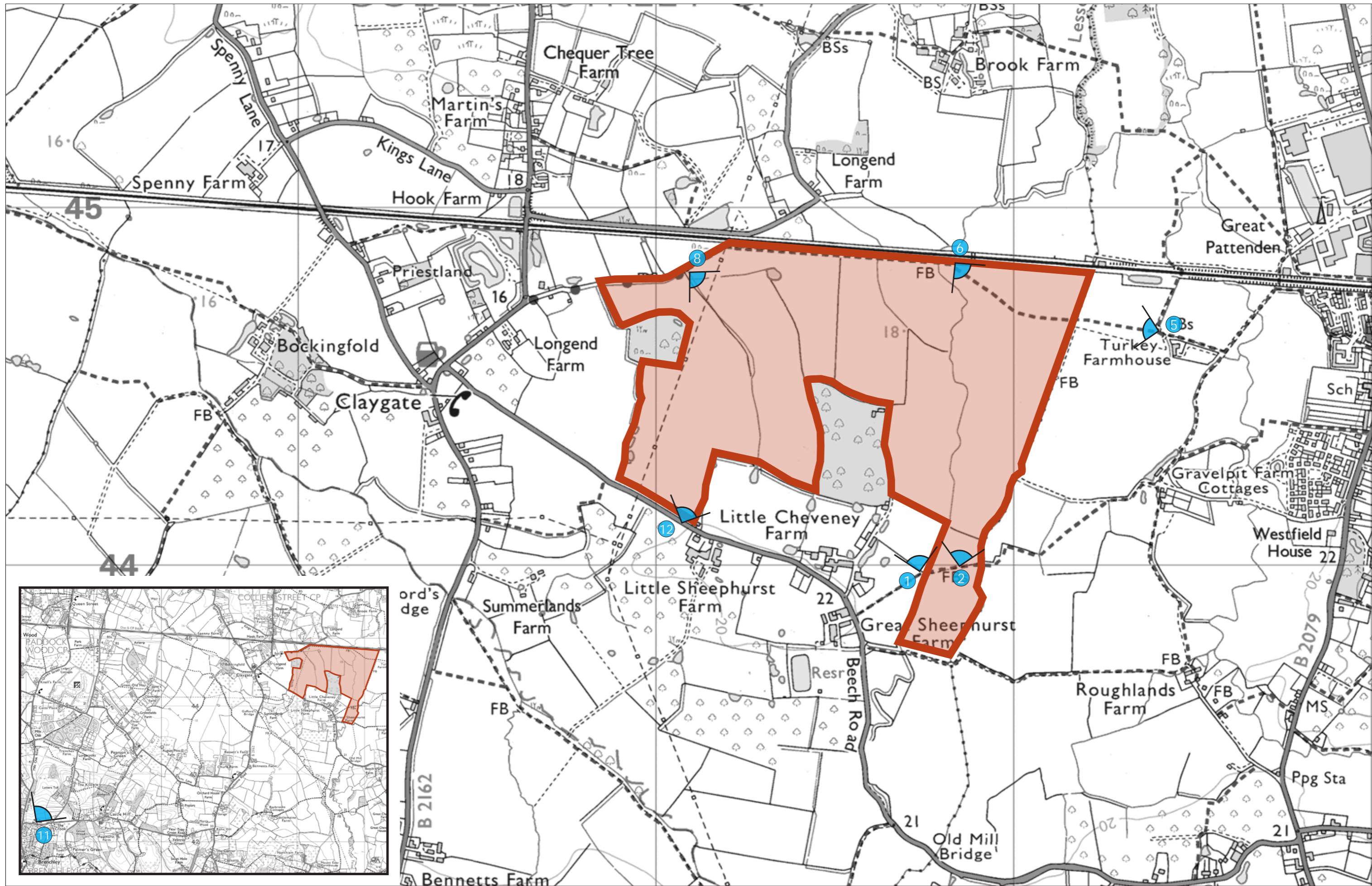
Fig 7



Rose Cottage,
 Mill Lane, Wolverley,
 DY11 5TR

M: 07747 816055

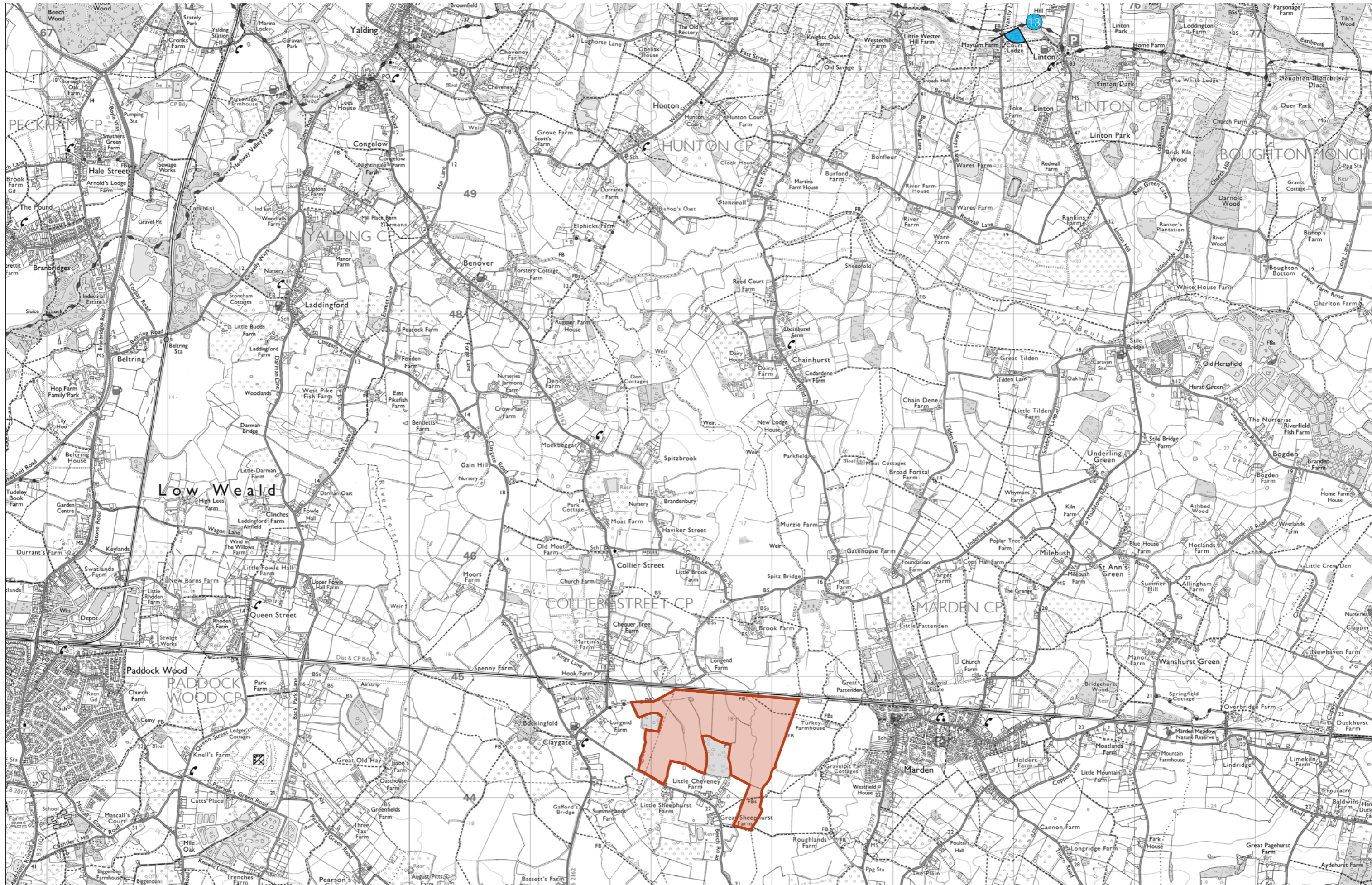
Appendix A.2. Photomontages



Client Statkraft UK
 Project Sheepwash Solar Energy Farm, Marden
 Drawing Title Viewpoint Locations



Rose Cottage,
 Mill Lane, Wolverley,
 DY11 5TR
 M: 07747 816055



Client Statkraft UK
 Project **Sheepwash Solar Energy Farm, Marden**
 Drawing Title Viewpoint Locations

andymawdesign

Rose Cottage,
 Mill Lane, Wolverley,
 DY11 5TR

M: 07747 816055



Existing baseline photograph

View at comfortable arm's length



Photomontage - Proposed Development at Year 1

View flat at a comfortable arms length



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 Andy Maw Design Ltd Registered in England & Wales Company Number 13165499

Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 1 - Existing baseline photograph - Proposed development at Year 1

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: 841 x 297mm

Fig
 2

Distance to nearest PV panel: 115m
 Bearing to site centre: 345°
 Viewpoint grid reference: 572739.043 E 143964.767 N
 Viewpoint ground height: 19.70m

Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 10:34
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L



Photomontage - Proposed Development at Year 10

View flat at a comfortable arms length



Existing baseline photograph

View at comfortable arm's length



Photomontage - Proposed Development at Year 1

View flat at a comfortable arms length



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Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 2 - Existing baseline photograph - Proposed development at Year 1

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: 841 x 297mm

Fig
 5

Distance to nearest PV panel: 50m
 Bearing to site centre: 337°
 Viewpoint grid reference: 572809.573 E 143991.04 N
 Viewpoint ground height: 19.09m

Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 10:55
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L



Photomontage - Proposed Development at Year 10

View flat at a comfortable arms length



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Client: Statkraft UK
Project: Sheepwash Solar Energy Farm, Marden
Drawing Title: Viewpoint 2 - Existing baseline photograph - Proposed development at Year 10

Rev: -
Scale: -
Drawn: AM
Checked: AW
Sheet Size: 841 x 297mm

Fig
6

Distance to nearest PV panel: 50m
Bearing to site centre: 337°
Viewpoint grid reference: 572809.573 E 143991.04 N
Viewpoint ground height: 19.09m

Camera Height (AGL): 1.6m
Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 10:55
Camera: Canon 5D MkIV
Lens, FL, max aperture: Canon, 50mm, f/1.2L



Existing baseline photograph

View at comfortable arm's length



Photomontage - Proposed Development at Year 1

View flat at a comfortable arms length



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Client: Statkraft UK
Project: Sheepwash Solar Energy Farm, Marden
Drawing Title: Viewpoint 5 - Existing baseline photograph - Proposed development at Year 1

Rev: -
Scale: -
Drawn: AM
Checked: AW
Sheet Size: 841 x 297mm

Fig
8

Distance to nearest PV panel: 304m
Bearing to site centre: 258°
Viewpoint grid reference: 573416.243 E 144671.375 N
Viewpoint ground height: 17.79m

Camera Height (AGL): 1.6m
Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 12:00
Camera: Canon 5D MkIV
Lens, FL, max aperture: Canon, 50mm, f/1.2L



Photomontage - Proposed Development at Year 10

View flat at a comfortable arms length



Existing baseline photograph

View at comfortable arm's length



Photomontage - Proposed Development at Year 1

View flat at a comfortable arms length



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Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 6 - Existing baseline photograph - Proposed development at Year 1

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: 841 x 297mm

Fig
11

Distance to nearest PV panel: 304m
 Bearing to site centre: 258°
 Viewpoint grid reference: 573416.243 E 144671.375 N
 Viewpoint ground height: 17.79m

Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 12:00
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L



Photomontage - Proposed Development at Year 10

View flat at a comfortable arms length



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Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 6 - Existing baseline photograph - Proposed development at Year 10

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: 841 x 297mm

Fig
12

Distance to nearest PV panel: 304m
 Bearing to site centre: 258°
 Viewpoint grid reference: 573416.243 E 144671.375 N
 Viewpoint ground height: 17.79m

Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 12:00
 Camera: Canon 5D MkIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L



Existing baseline photograph

View at comfortable arm's length



Photomontage - Proposed Development at Year 1

View flat at a comfortable arms length



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Client: Statkraft UK
Project: Sheepwash Solar Energy Farm, Marden
Drawing Title: Viewpoint 8 - Existing baseline photograph - Proposed development at Year 1

Rev: -
Scale: -
Drawn: AM
Checked: AW
Sheet Size: 841 x 297mm

Fig

14

Distance to nearest PV panel: 105m
Bearing to site centre: 123°
Viewpoint grid reference: 572088.775 E 144826.646 N
Viewpoint ground height: 16.37m

Camera Height (AGL): 1.6m
Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 08/07/2021 13:39
Camera: Canon 5D MkIV
Lens, FL, max aperture: Canon, 50mm, f/1.2L



Photomontage - Proposed Development at Year 10

View flat at a comfortable arms length



Existing baseline photograph

View at comfortable arm's length



Photomontage - Proposed Development at Year 1

View flat at a comfortable arms length



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Client: Statkraft UK
 Project: Sheepwash Solar Energy Farm, Marden
 Drawing Title: Viewpoint 12 - Existing baseline photograph - Proposed development at Year 1

Rev: -
 Scale: -
 Drawn: AM
 Checked: AW
 Sheet Size: 841 x 297mm

Fig
 17

Distance to nearest PV panel: 232m
 Bearing to site centre: 054°
 Viewpoint grid reference: 572077.964 E 144128.463 N
 Viewpoint ground height: 20.02m

Camera Height (AGL): 1.6m
 Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 27/02/2023 10:19
 Camera: Canon 5D MKIV
 Lens, FL, max aperture: Canon, 50mm, f/1.2L



Photomontage - Proposed Development at Year 10

View flat at a comfortable arms length



Existing baseline photograph

View at comfortable arm's length



Photomontage - Proposed Development at Year 1

View flat at a comfortable arms length



Photomontage - Proposed Development at Year 10

View flat at a comfortable arms length



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Client: Statkraft UK
Project: Sheepwash Solar Energy Farm, Marden
Drawing Title: Viewpoint 13 - Existing baseline photograph - Proposed development at Year 10

Rev: -
Scale: -
Drawn: AM
Checked: AW
Sheet Size: 841 x 297mm

Fig
21

Distance to nearest PV panel: 6km
Bearing to site centre: 203°
Viewpoint grid reference: 575062.775 E 150378.371 N
Viewpoint ground height: 106.92m

Camera Height (AGL): 1.6m
Horizontal Field of View: 90° (Cylindrical Projection)

Date & time of photo(s): 27/02/2023 08:50
Camera: Canon 5D MkIV
Lens, FL, max aperture: Canon, 50mm, f/1.2L

