

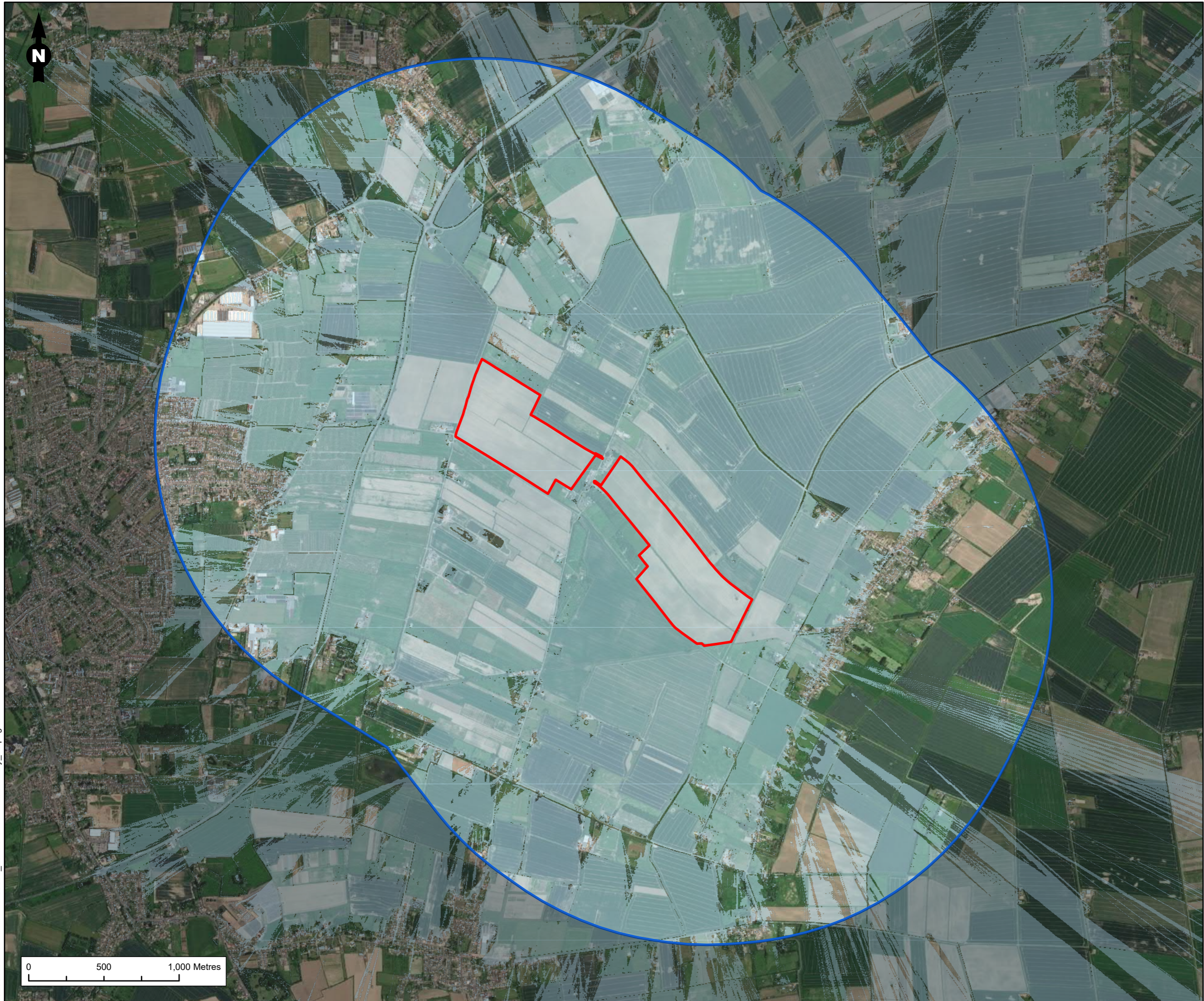
Legend

- Viewpoints
- Redline Boundary
- 2 km Buffer Zone

Figure Title	
Viewpoint Locations	
Project Name	
Meerdyke Solar Farm	
Project Number	Figure No.
1620013921	5.1
Date	Prepared By
October 2022	CT
Scale	Issue
1:24,000 @A3	1
Client	
Downing Renewable Developments	



1620013921-RAM-MA-ES-00001_ViewPointLocations_03.pagx



Legend

- Redline Boundary
- 2 km Buffer Zone
- Zone of Theoretical Visibility

1. The ZTV analysis takes into account the screening effect of vegetation, buildings and other surface features.
 2. Predicted visibility based on a viewer eye height 1.6 m above ground.
 3. Visibility calculated using Environment Agency LIDAR Composite DSM (Digital Surface Model) at 2 m spatial resolution.
 4. Effect of earth curvature and light refraction is included.
 5. ZTV produced in ArcGIS Pro 2.9.0.

Figure Title
Zone of Theoretical Visibility

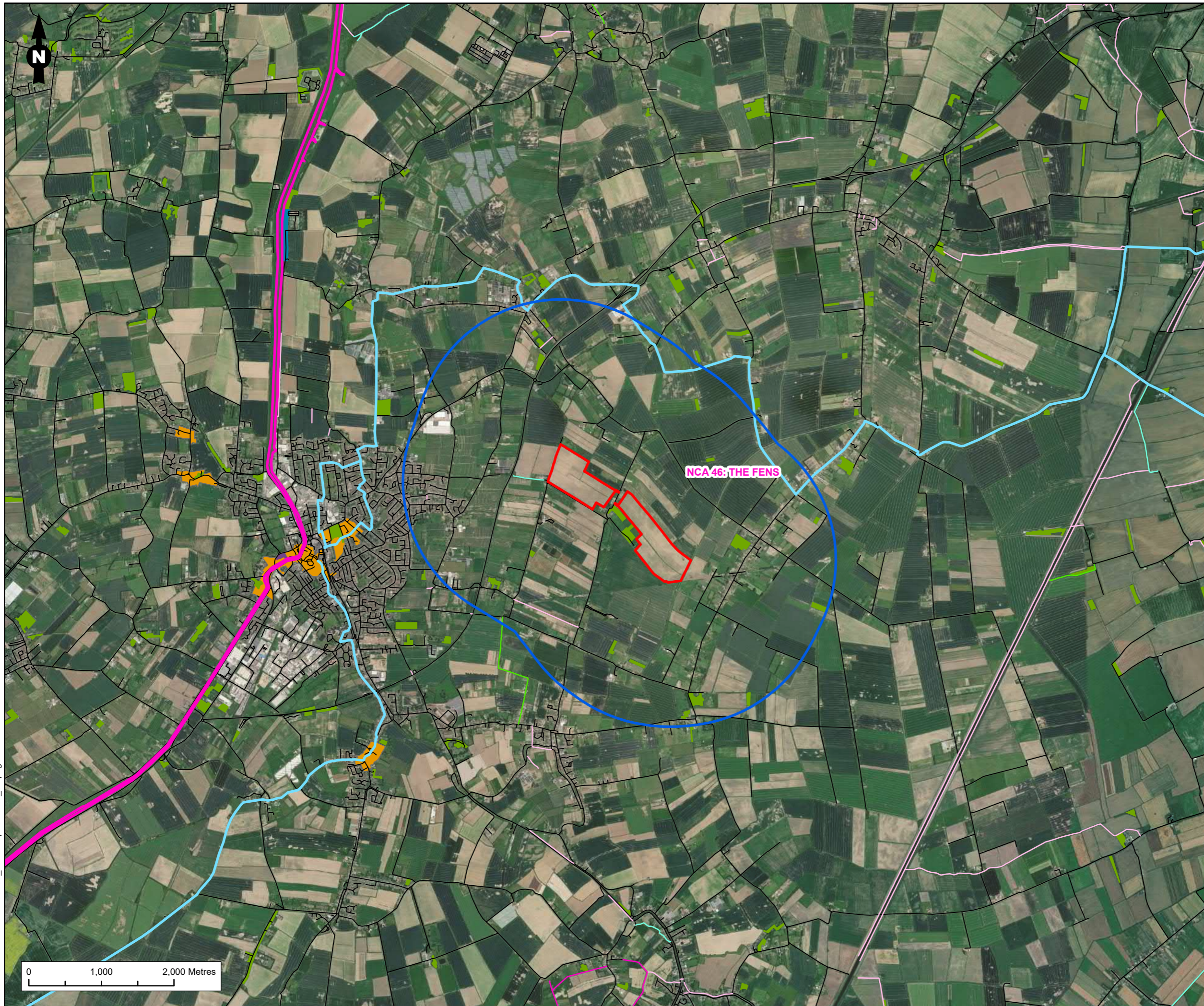
Project Name
Meerdyke Solar Farm

Project Number 1620013921	Figure No. 5.2
Date October 2022	Prepared By CT
Scale 1:24,000 @A3	Issue 1

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RAMBOLL

1620013921-RAM-MA-ES-00002_ZoneOfTheoreticalVisibility_03.pagx



Legend

- Redline Boundary
- 2 km Buffer Zone
- National Character Area (NCA)
- National Cycle Network
- Bridleway
- Byway open to traffic
- Footpath
- Restricted Byway
- Roads
- CRoW Access Land
- Woodland or Vegetation Block
- Park and Gardens
- Conservation Areas

Figure Title
Landscape Context

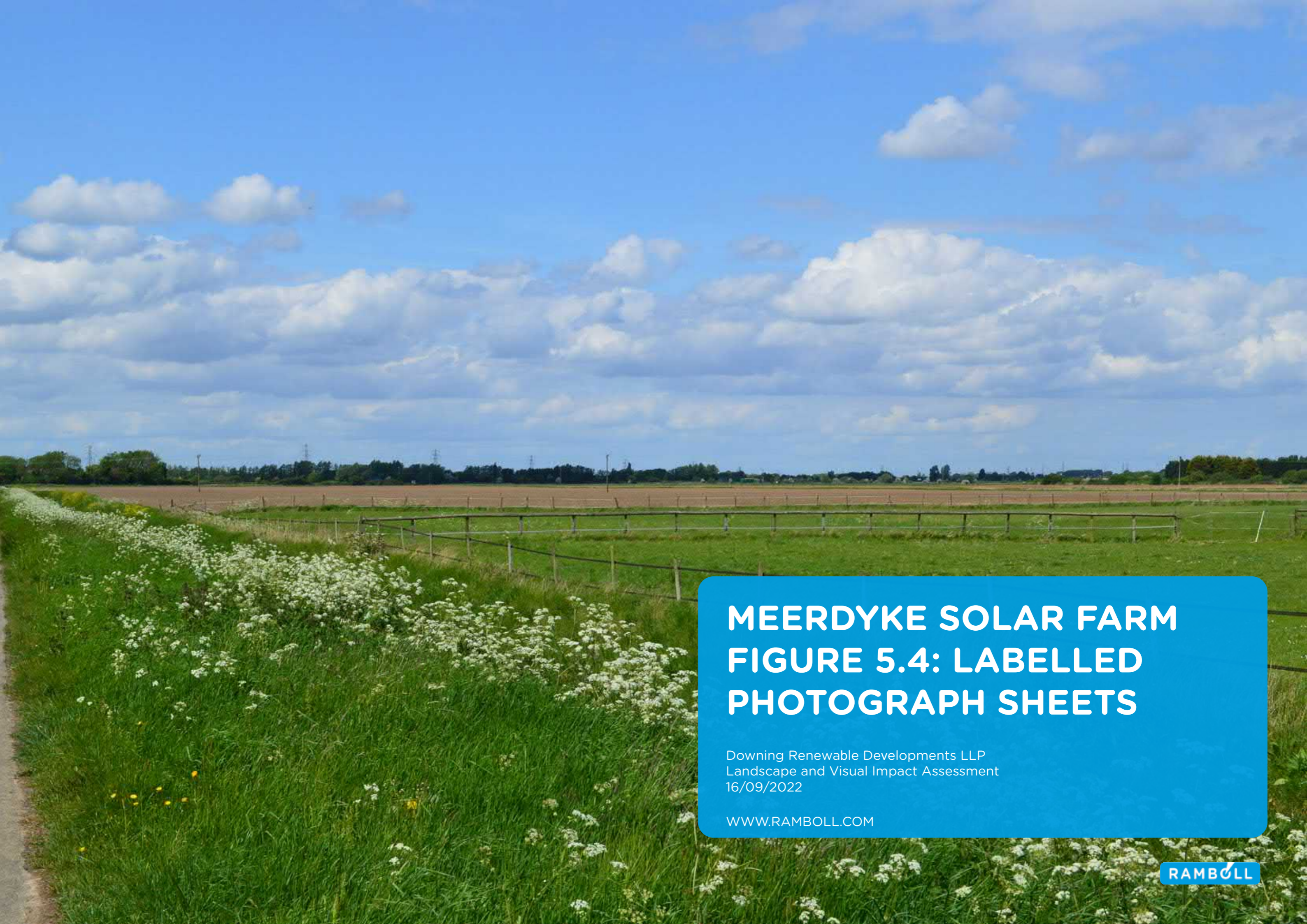
Project Name
Meerdyke Solar Farm

Project Number 1620013921	Figure No. 5.3
Date October 2022	Prepared By CT
Scale 1:50,000 @A3	Issue 1

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1620013921-RAM-MA-ES-00003_LandscapeContext_04.pagx



MEERDYKE SOLAR FARM FIGURE 5.4: LABELLED PHOTOGRAPH SHEETS

Downing Renewable Developments LLP
Landscape and Visual Impact Assessment
16/09/2022

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Photograph 1: Walton Highway PRoW | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.6 | ISO speed: 320 | Shutter: 1/500 sec



Photograph 3: National Cycle Network between Walton Highway and Marshland St James | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.6 | ISO speed: 320 | Shutter: 1/500 sec



Photograph 4A: North of Harp's Hall Road look East | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.6 | ISO speed: 400 | Shutter: 1/400 sec



Photograph 4B: North of Harp's Hall Road looking West | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.6 | ISO speed: 280 | Shutter: 1/500 sec



Photograph 5: Trinity Road National Cycle Network near Marshland St James | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.7 | ISO speed: 100 | Shutter: 1/320 sec



Photograph 6: St Pauls Road, Marshland St James | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.7 | ISO speed: 320 | Shutter: 1/500 sec



Photograph 7: Goose Lane, Marshland St James | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.5 | ISO speed: 400 | Shutter: 1/400 sec



Photograph 8: Long Lots Drove Track | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.6 | ISO speed: 400 | Shutter: 1/400



Photograph 9: Cow Lake Drove | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.6 | ISO speed: 320 | Shutter: 1/500 sec



Photograph 10: Station Road | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.6 | ISO speed: 400 | Shutter: 1/400 sec



Photograph 11: PRoW near Station Road | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.7 | ISO speed: 400 | Shutter: 1/400 sec



Photograph 12: Mill Road Restricted Byway | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.5 | ISO speed: 400 | Shutter: 1/400 sec



Straton Skips

A47

The Site

Photograph 13: Sparrowgate Road, Walsoken, Wisbech | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.6 | ISO speed: 400 | Shutter: 1/400 sec



Photograph 14: Fengate Road Bridleway | Viewing distance at A3: 542mm | Horizontal field of view: 39.6° | Direction of view: 60°
Camera: Nikon D3200 FFS | Lens: Nikon DX AF-S NIKKOR 18-55mm 1:3.5-56G VR | Camera height: 1.5m AGL | Date taken: 13/05/2022 | Aperture: 4.5 | ISO speed: 400 | Shutter: 1/400 sec



- Legend**
- Redline Boundary
 - Tracks
 - Solar Modules
 - Solar Infrastructure
 - Wildflower Mix
 - Native Orchard Mix
 - Existing Scrub
 - Retained Habitat
 - Evergreen Hedgerow
 - Native Hedgerow
 - Native Hedgerow With Trees
 - Existing Field Drain
 - Existing Hedgerow

Note: There will be a 5 m buffer between hedgerow and fenceline for maintenance purposes

Figure Title
Landscape Mitigation

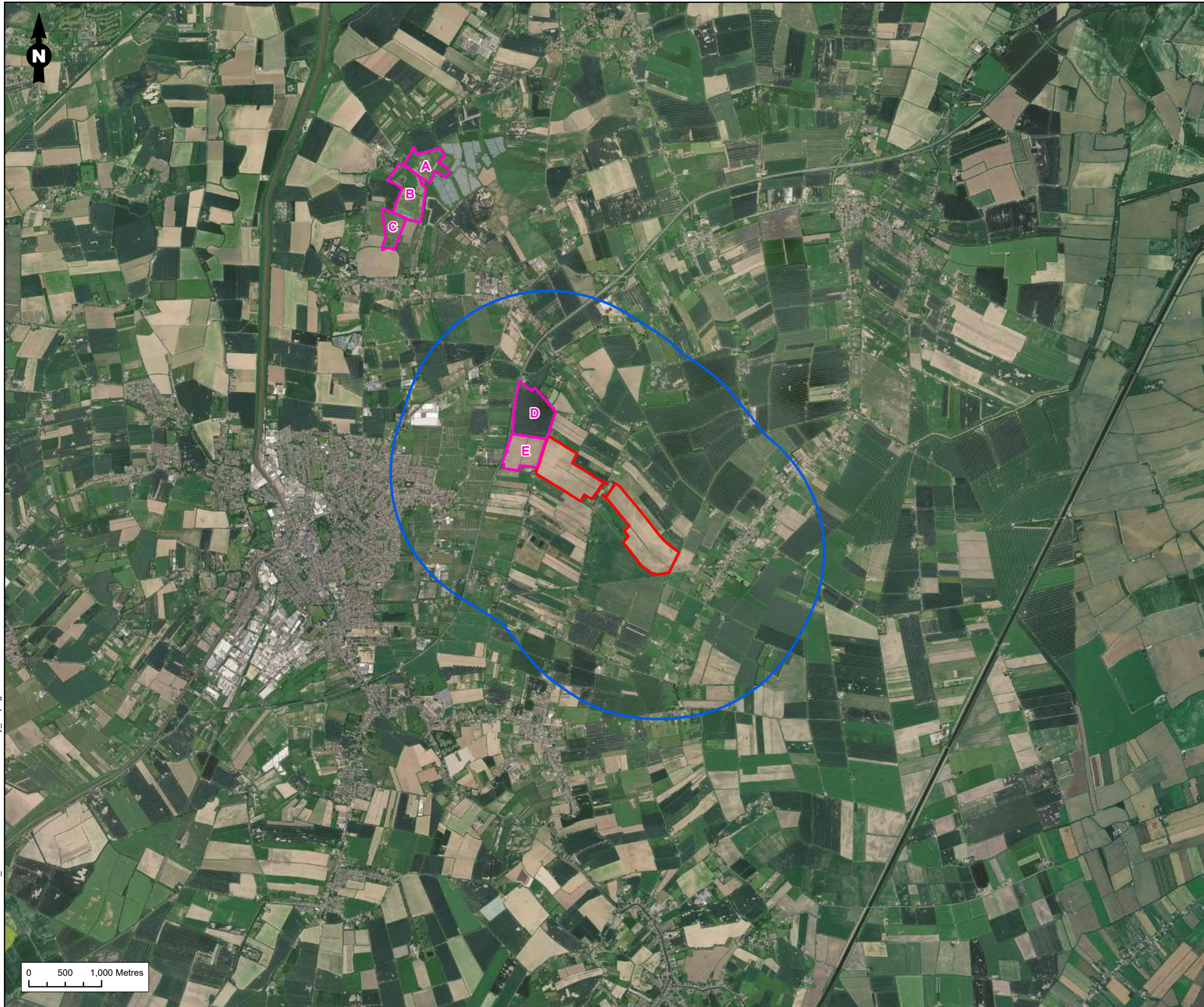
Project Name
Meerdyke Solar Farm

Project Number 1620013921	Figure No. 5.5
Date October 2022	Prepared By CT
Scale 1:7,583 @A3	Issue 1

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1620013921-RAM-MA-ES-00005_LandscapeMitigation_04.pagx



Legend

- Mill Road Solar Development
- Redline Boundary
- 2 km Buffer Zone

Note: Mill Road Solar Development is at Scoping stage

Figure Title
Cumulative Assessment Site Boundary

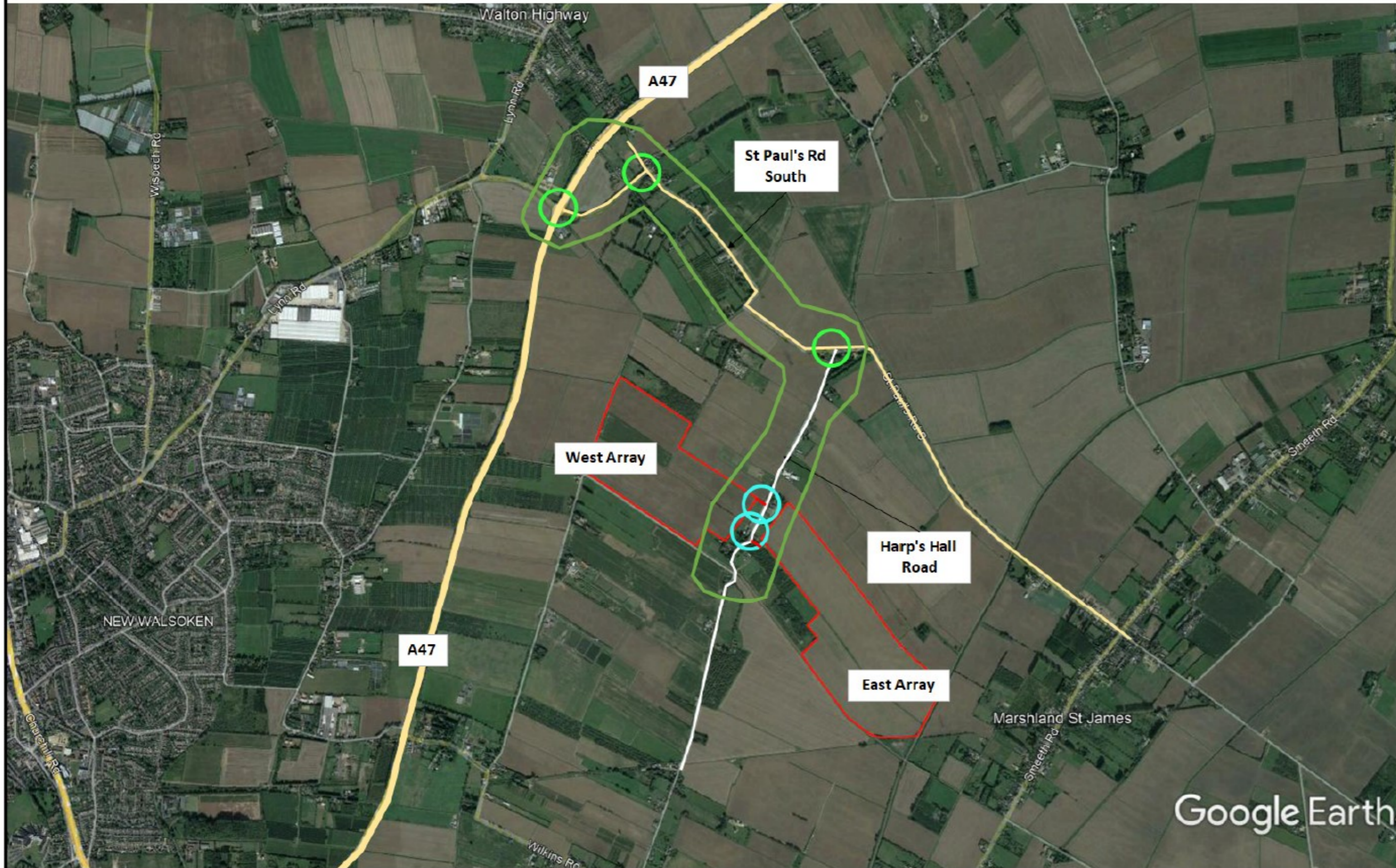
Project Name
Meerdyke Solar Farm

Project Number 1620013921	Figure No. 5.6
Date October 2022	Prepared By CT
Scale 1:50,000 @A3	Issue 1

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1620013921-RAM-MA-ES-00006_CumulativeAssessmentSiteBoundary_04.pagx



- Legend**
- B Class Road
 - Minor Road
 - Development Site
 - Road Junctions
 - Site Access Junctions
 - Study Area and Construction Traffic Route from A47

Figure Title
Figure 6.1: Study Area and Construction Traffic Route

Project Name
Meerdyke Solar Farm

Project Number UK12-24542	Figure No. 6.1
Date September 2022	Prepared By GM
Scale NTS@A3	Issue 1

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