

EAST STOUR SOLAR FARM

Environmental Statement Volume 3 - Figures

PREPARED ON BEHALF OF



APRIL 2022



EAST STOUR SOLAR FARM - ENVIRONMENTAL STATEMENT VOLUME 3 - FIGURES

PREFACE

This Figures Volume forms the third volume of a four volume Environmental Statement which describes the findings of the Environmental Impact Assessment (EIA) of the proposed Bloy’s Grove Solar Farm. The volumes of the complete document are:

Document	Title	Contents
Volume 1	Non-Technical Summary	Summarises the proposal and the key conclusions of the EIA for the non-technical reader
Volume 2A	Written Statement	Presents the full assessments of the EIA
Volume 2B	Appendices	Presents the appendices referred to in the Written Statement
Volume 3	Figures	Presents the figures referred to in the Written Statement
Volume 4	Visualisations	Presents the visualisations referred to in the Landscape and Visual Impact Assessment (LVIA) within the Written Statement.

In addition to the Environmental Statement, the developer, EDF Renewables, has submitted a Planning Statement which summarises the planning policy context of the proposal as well as a supporting Socio Economics and Sustainability Statement.

A complete set of application documents can be viewed in person at Ashford Brough Council Offices at Ashford Borough Council, Civic Centre, Tannery Lane, Ashford, Kent TN23 1PL or downloaded from the project website, as detailed in the box below.

Printed copies can be purchased at a cost of £500+VAT or digital versions, either as a download or on CD-ROM free of charge.

To order copies, please contact Engena Limited at:

The Old Stables, Bosmere Hall,
Creeping St Mary, IP6 8LL.

info@engena.co.uk

or download from:

<https://www.edf-re.uk/renewables/east-stour>

The Developer may also be contacted at:

east.stour@edf-re.uk or 0800 0194 576

FIGURE LIST

Introduction

- 1.1 - Proposed Site Location
- 1.2 - Proposed Site Layout
- 1.3 - Proposed Site Layout (Aerial Image Underlay)

Site Selection and Design

- 3.1 - Pivot Power Battery Energy Storage Location and Preliminary Design

Development Proposal

- 6.1 - Typical Solar Panel and Frame Elevation
- 6.2 - Proposed Site Entrances with Swept-path Analysis:
 - a) North parcel access (rigid and articulated vehicles)
 - b)i Central parcel access (rigid vehicles)
 - b)ii Central parcel access (articulated vehicles)
 - c) Eastern parcel Church Lane crossing (rigid and articulated vehicles)
- 6.3 - Typical Access Track
- 6.4 - Typical Site Cabinet Detail
- 6.5 - Typical Cable Trench Detail
- 6.6 - Typical Boundary Fence and Gate Detail
- 6.7 - Typical CCTV Detail

Flood Risk and Surface Water Drainage

- 9.1 - Surface Water Drainage Strategy

Ecology

- 10.1 - Phase 1 Habitat Plan
- 10.2 - Habitat Mitigation and Enhancement Plan

Landscape and Visual Impact Assessment

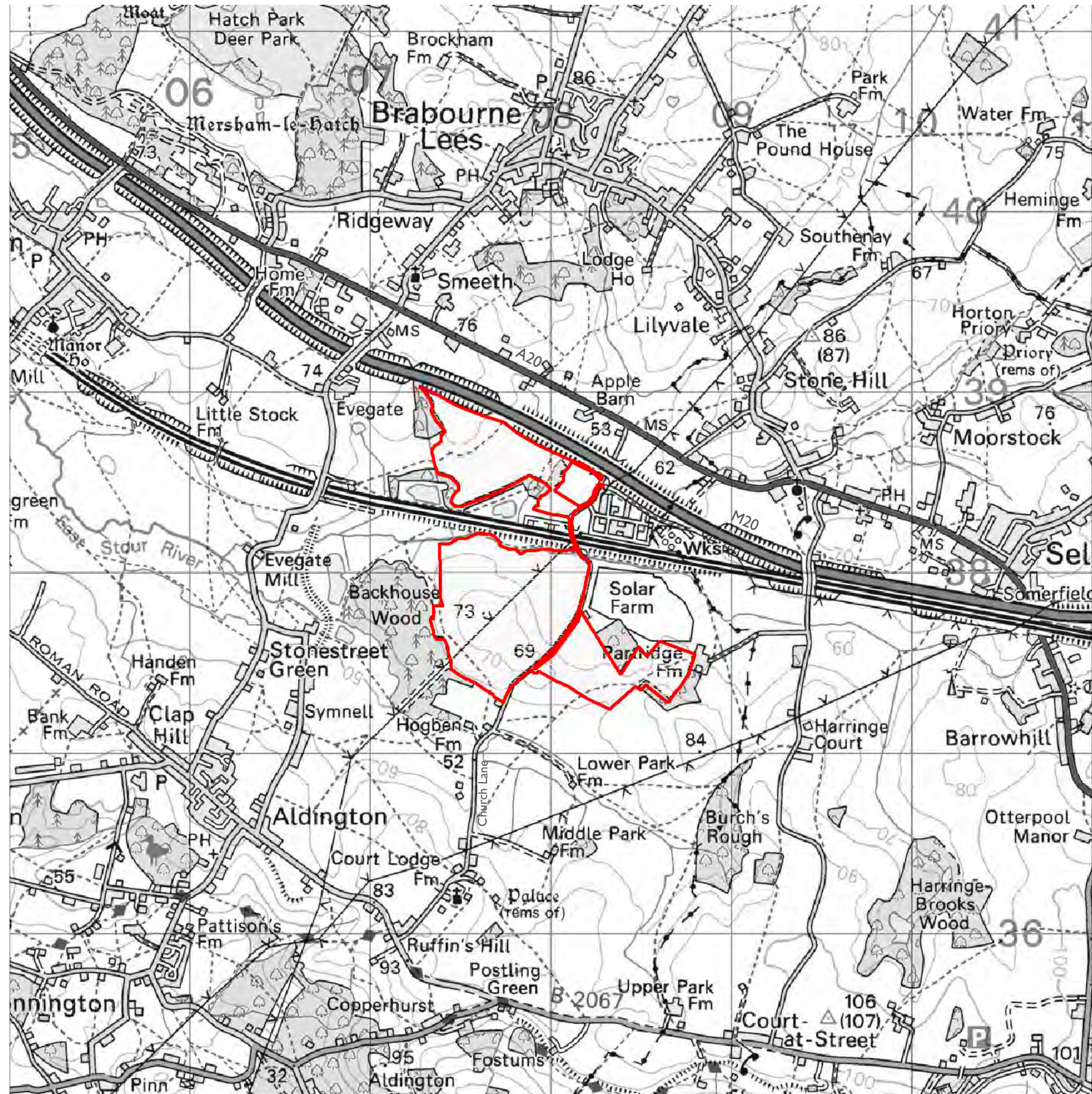
- 11.1 - ZTV
- 11.2 - Landscape Character - Kent LCAs
- 11.3 - Landscape Character Plan - Ashford
- 11.4 - Landscape Character within Kent Downs AONB
- 11.5 - Landscape Designations
- 11.6 - Recreation Routes and Visitor Attractions
- 11.7 - Public Rights of Way
- 11.8 - Cumulative ZTV with Sellindge Solar Farm
- 11.9 - Mitigation Proposals Plan

Archaeology and Cultural Heritage

- 12.1 - Site Reference Areas
- 12.2 - HER Monuments Data
- 12.3 - Geophysical Survey Interpretation Overview
- 12.4 - HER Events Data
- 12.5 - Designated Heritage Assets & Conservation Areas

Glint and Glare

- Figure 14.1 - Residential Based Receptors
- Figure 14.2 - Road Based Receptors
- Figure 14.3 - Rail Based Receptors
- Figure 14.4 - Panel Area Labels



EAST STOUR SOLAR FARM

Proposed Site Location

Figure 1.1

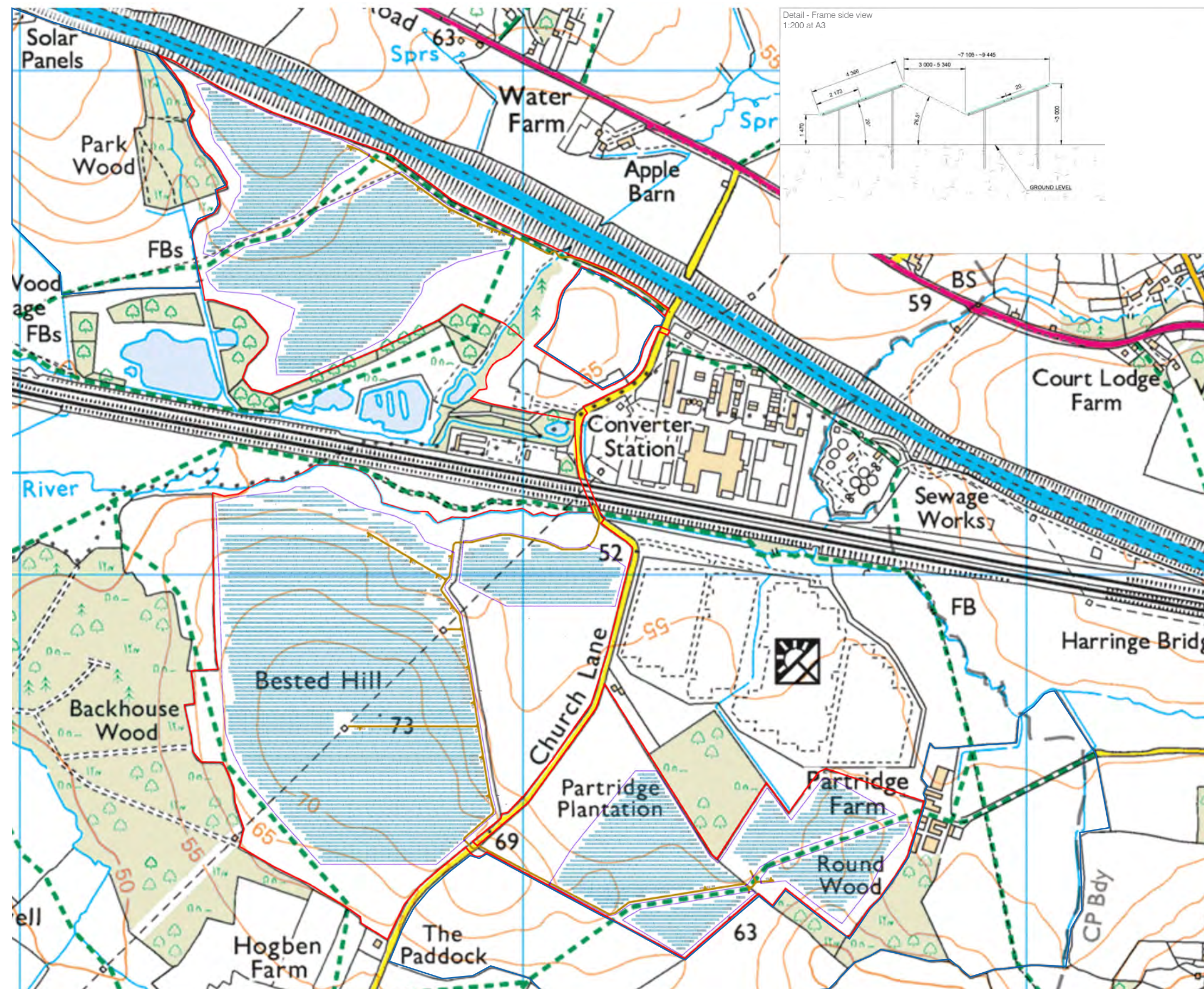
KEY



North



Proposed Development Boundary



EAST STOUR SOLAR FARM

Proposed Site Layout

Figure 1.2

KEY

-  North
-  Solar Development Boundary
-  Immediately adjoining landholding
-  Fence
-  Gate
-  Solar panels on frames
-  New site access track
-  Storage, spares, inverter/transformer unit and substation cabinet
-  Welfare container



EAST STOUR SOLAR FARM

Proposed Site Layout (Aerial)

Figure 1.3

KEY

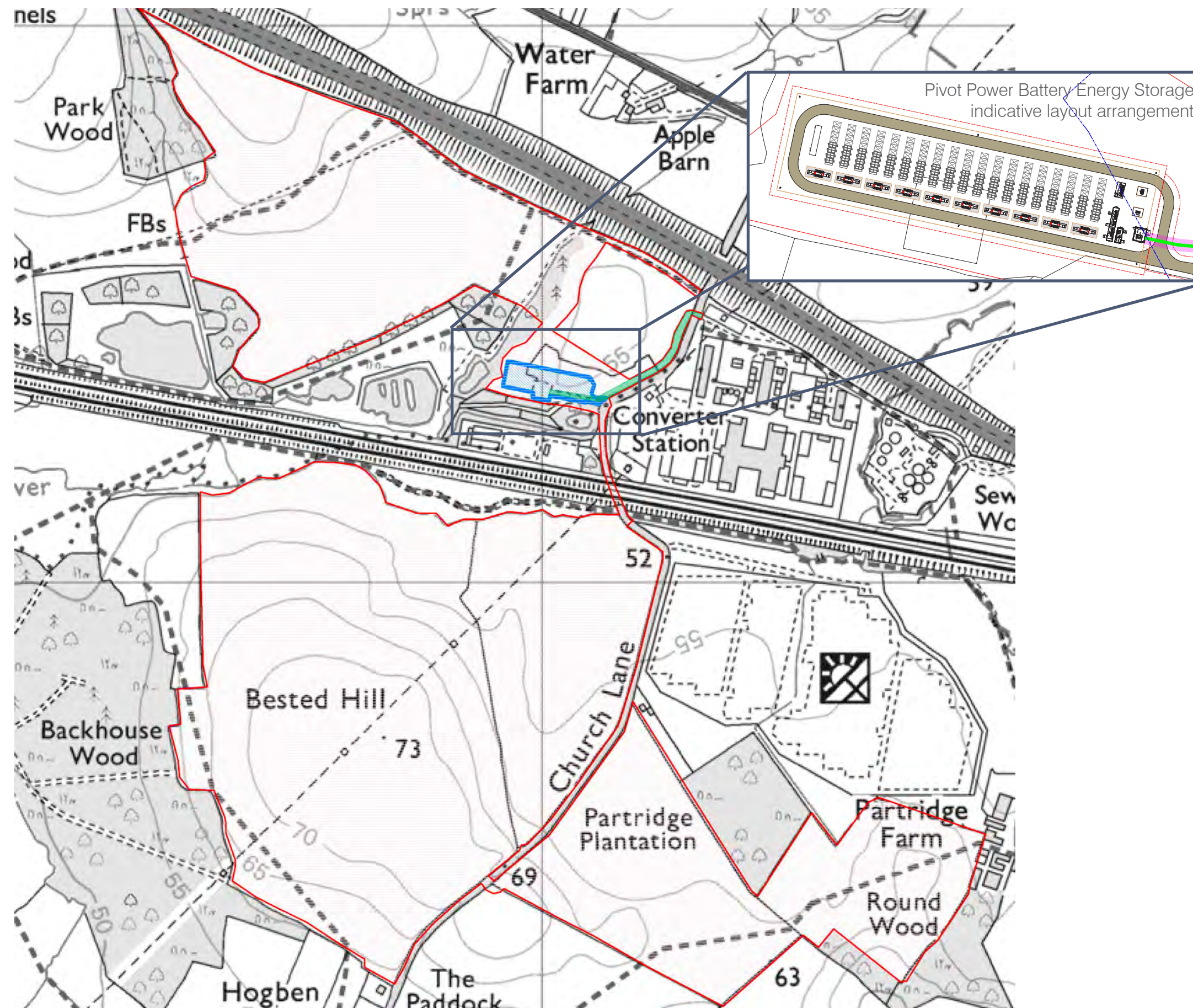
- North
- Solar Development Boundary
- Fence
- Gate
- Solar panels on frames
- New site access track
- Storage, spares, inverter/transformer unit and substation cabinet
- Welfare container

PREPARED ON BEHALF OF



A Client of

engena



EAST STOUR SOLAR FARM

Pivot Power Battery Energy Storage Location Figure 3.1

KEY

-  North
-  Solar Development boundary
-  Indicative Pivot Power Battery Energy Storage boundary
-  Indicative shared connection corridor to Sellindge Converter Station Substation
-  Inset - Indicative draft layout arrangement, subject to change (not to a scale))

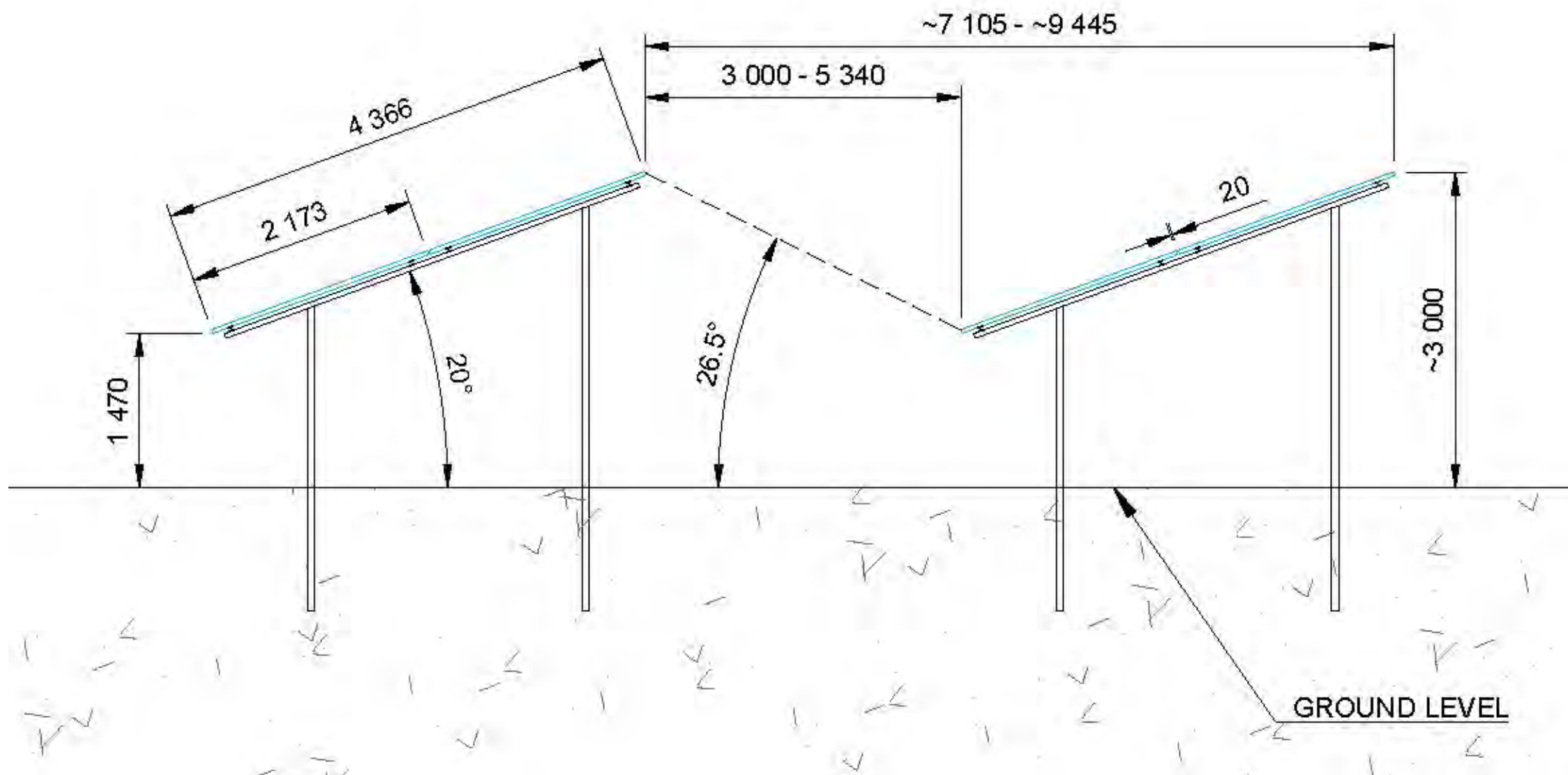
EAST STOUR SOLAR FARM

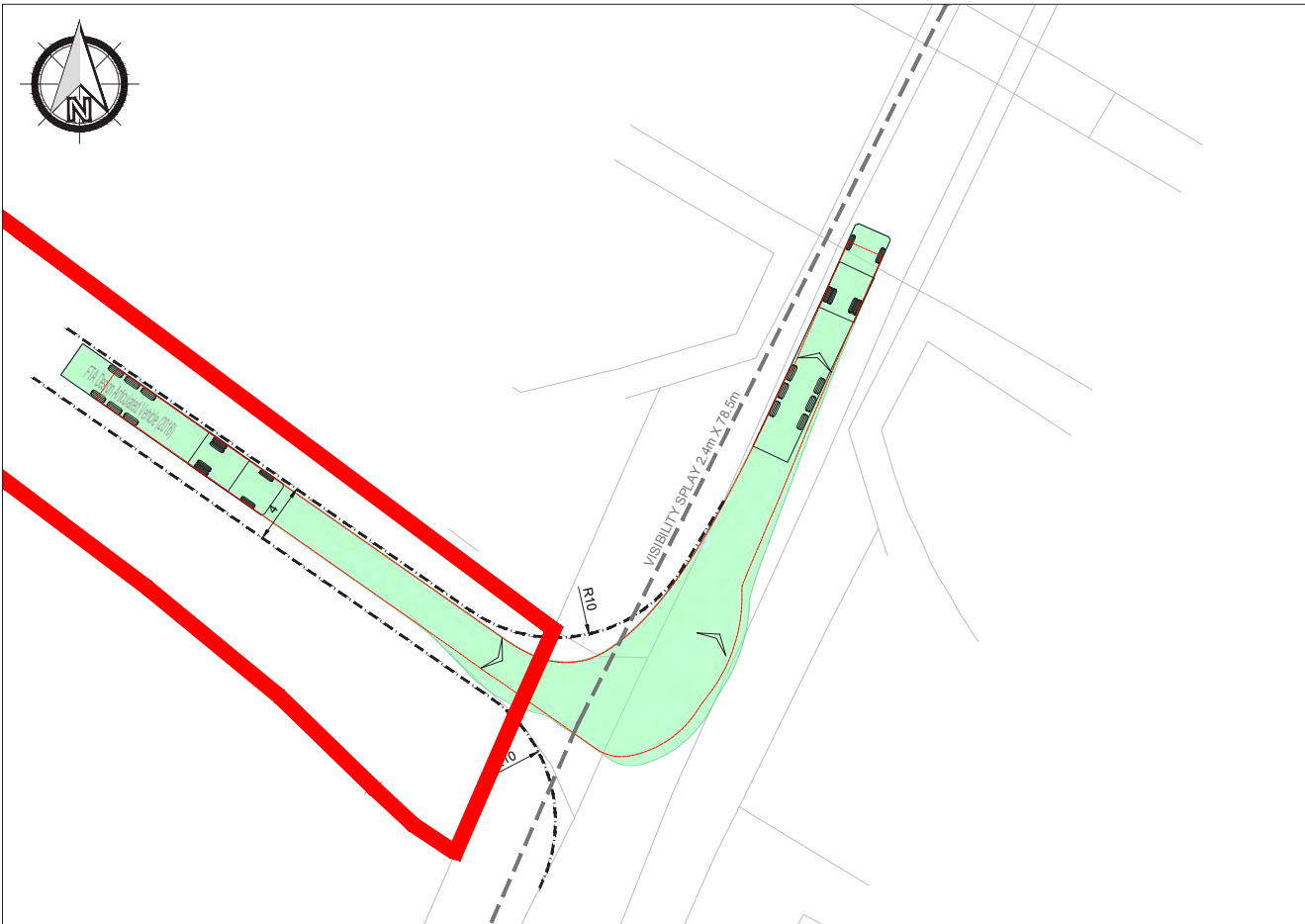
Typical Solar Panel and Frame Elevation

Figure 6.1

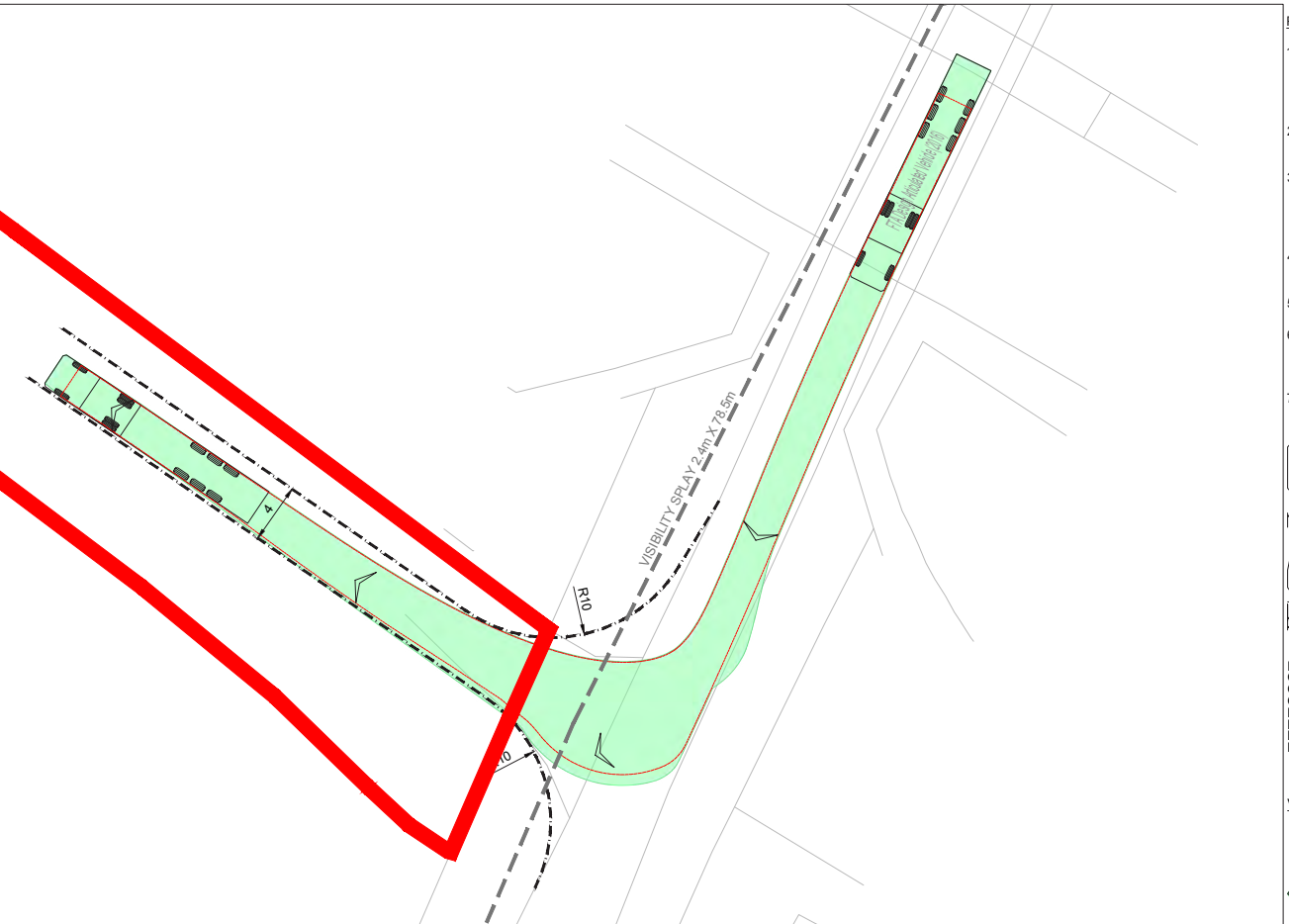
NOTES

- 1 All measurements in millimetres, unless stated otherwise



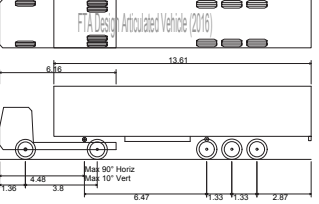


NORTH LAND PARCEL ENTRANCE - EXITING SITE (articulated vehicle)



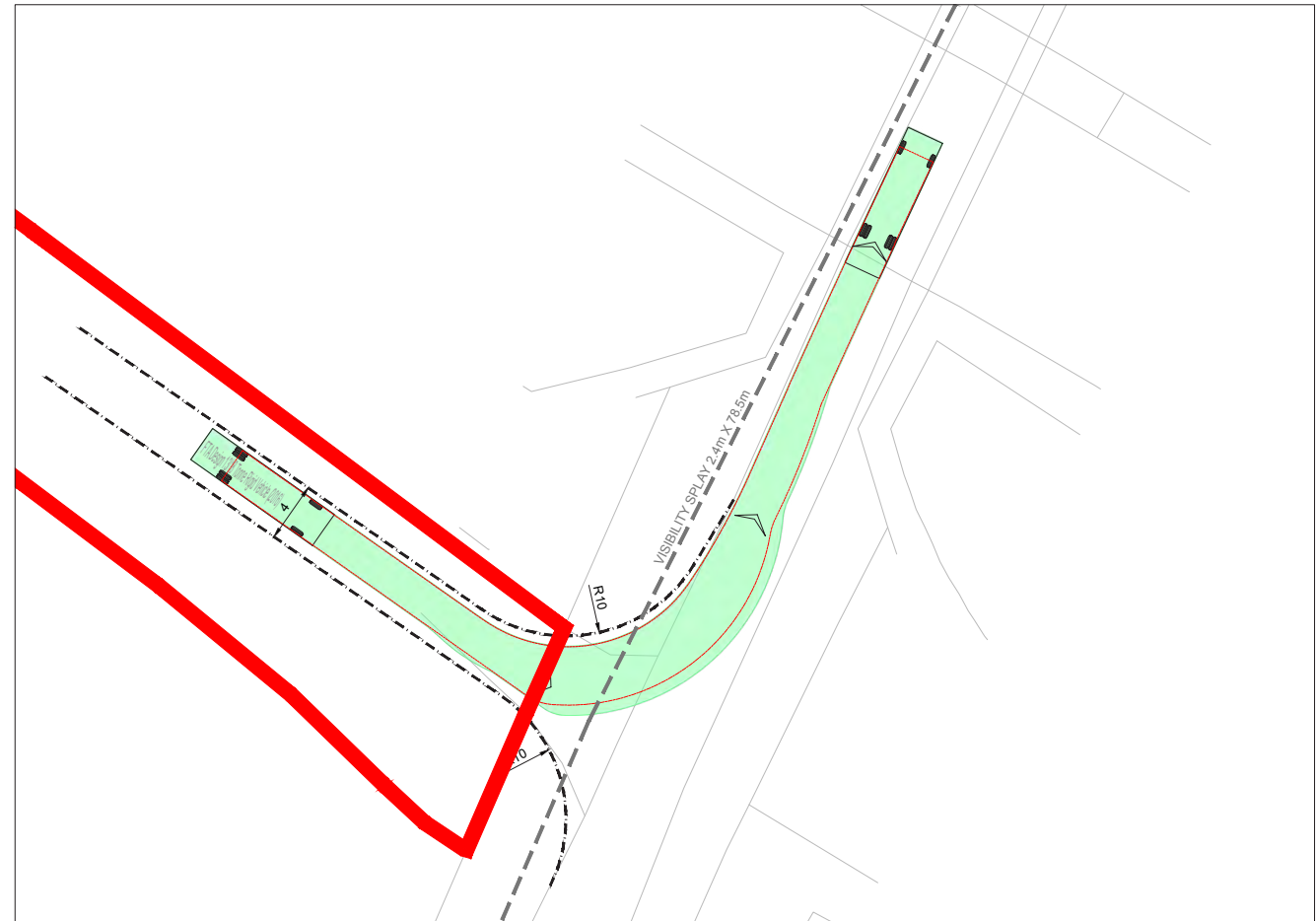
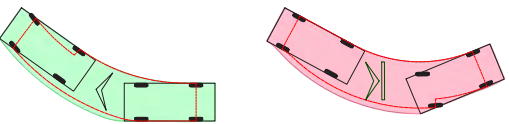
NORTH LAND PARCEL ENTRANCE - ENTERING SITE (articulated vehicle)

- PLANNING GENERAL NOTES:**
1. THE DRAWINGS, DESIGN AND ALL INFORMATION CONTAINED THEREIN ARE THE SOLE COPYRIGHT OF CANHAM CONSULTING LTD AND ANY REPRODUCTION IS FORBIDDEN UNLESS PERMISSION IS OBTAINED IN WRITING.
 2. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT OTHER DRAWINGS AND SPECIFICATIONS.
 3. ANY DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER, AND THAT PROVIDED BY OTHERS, MUST BE REFERRED TO THE ENGINEER BEFORE THE AFFECTED WORKS PROCEED.
 4. DIMENSIONS MUST NOT BE SCALED FROM THE ENGINEER'S DRAWINGS.
 5. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 6. THE INFORMATION SHOWN DOES NOT CONSTITUTE TECHNICAL APPROVAL FROM THE RELEVANT AUTHORITIES AND COULD BE SUBJECT TO CHANGE POST PLANNING.
 7. THE PROPOSED SITE LAYOUT SHOWN ON THIS DRAWING IS BASED UPON THE ENGNA DRAWING ENGN1006-100D, DATED 29.11.2021.

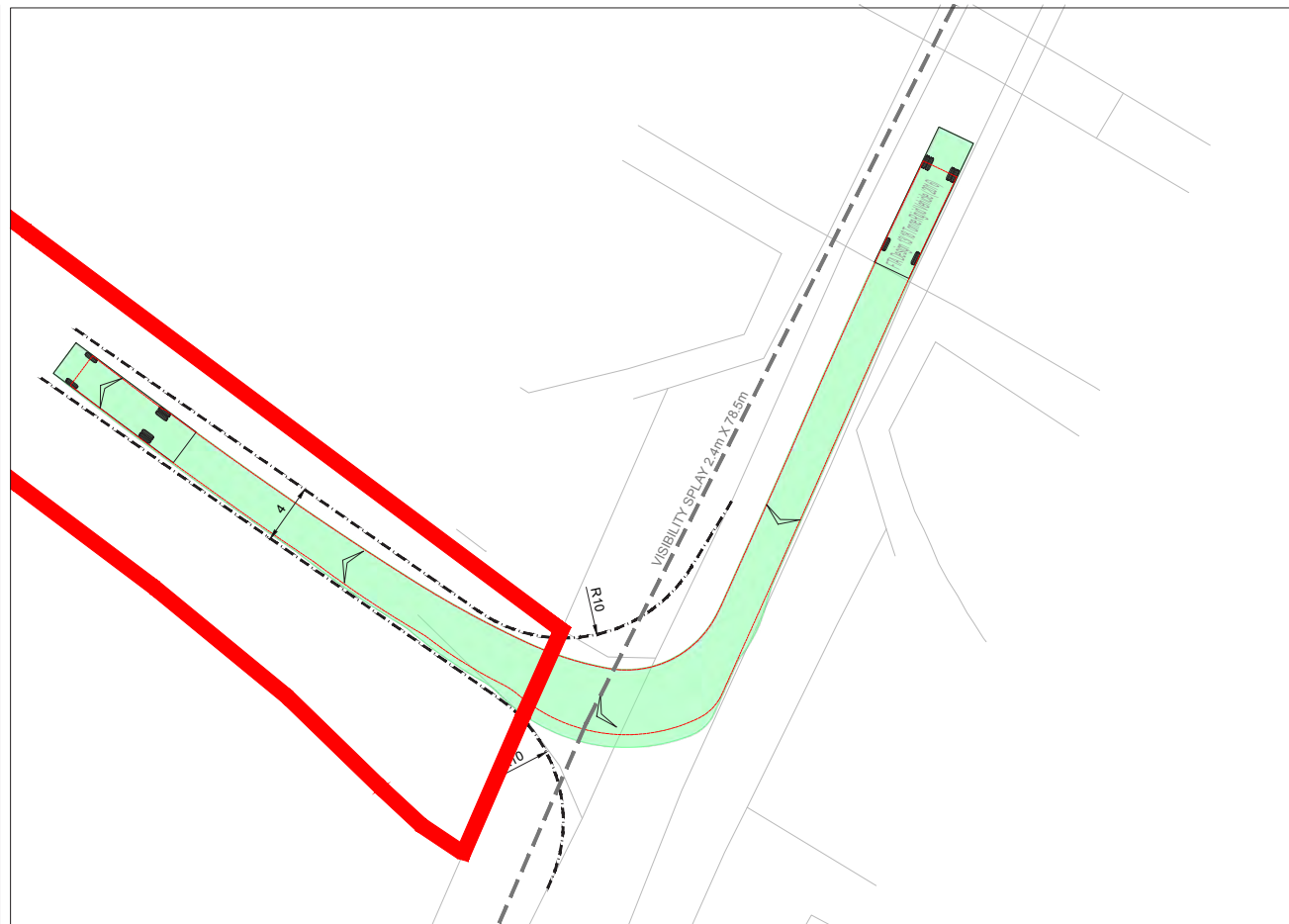


FTA Design Articulated Vehicle (2016)	
Overall Length	16.48m
Overall Width	2.55m
Overall Body Height	3.87m
Min Body Ground Clearance	0.515m
Max Track Width	2.47m
Lock to lock time	3.00s
Kerb to Kerb Turning Radius	6.60m

VEHICLE SWEEP PATH - KEY TO SYMBOLS



NORTH LAND PARCEL ENTRANCE - EXITING SITE (rigid vehicle)



NORTH LAND PARCEL ENTRANCE - ENTERING SITE (rigid vehicle)

- VEHICLE MOVING FORWARD**
BODY OUTLINE - GREEN SHADING
WHEEL TRACK - RED DOTTED LINE
- VEHICLE MOVING IN REVERSE**
BODY OUTLINE - RED SHADING
WHEEL TRACK - RED DOTTED LINE
- LEGEND**
- PROPOSED HB2 KERB
 - DETRA FENCING
 - SITE BOUNDARY

Figure 6.2 a)

Site Entrance -
Northern area

Scale - 1:500 at A3

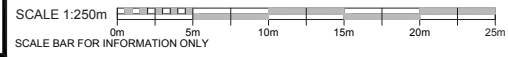
PREPARED ON BEHALF OF



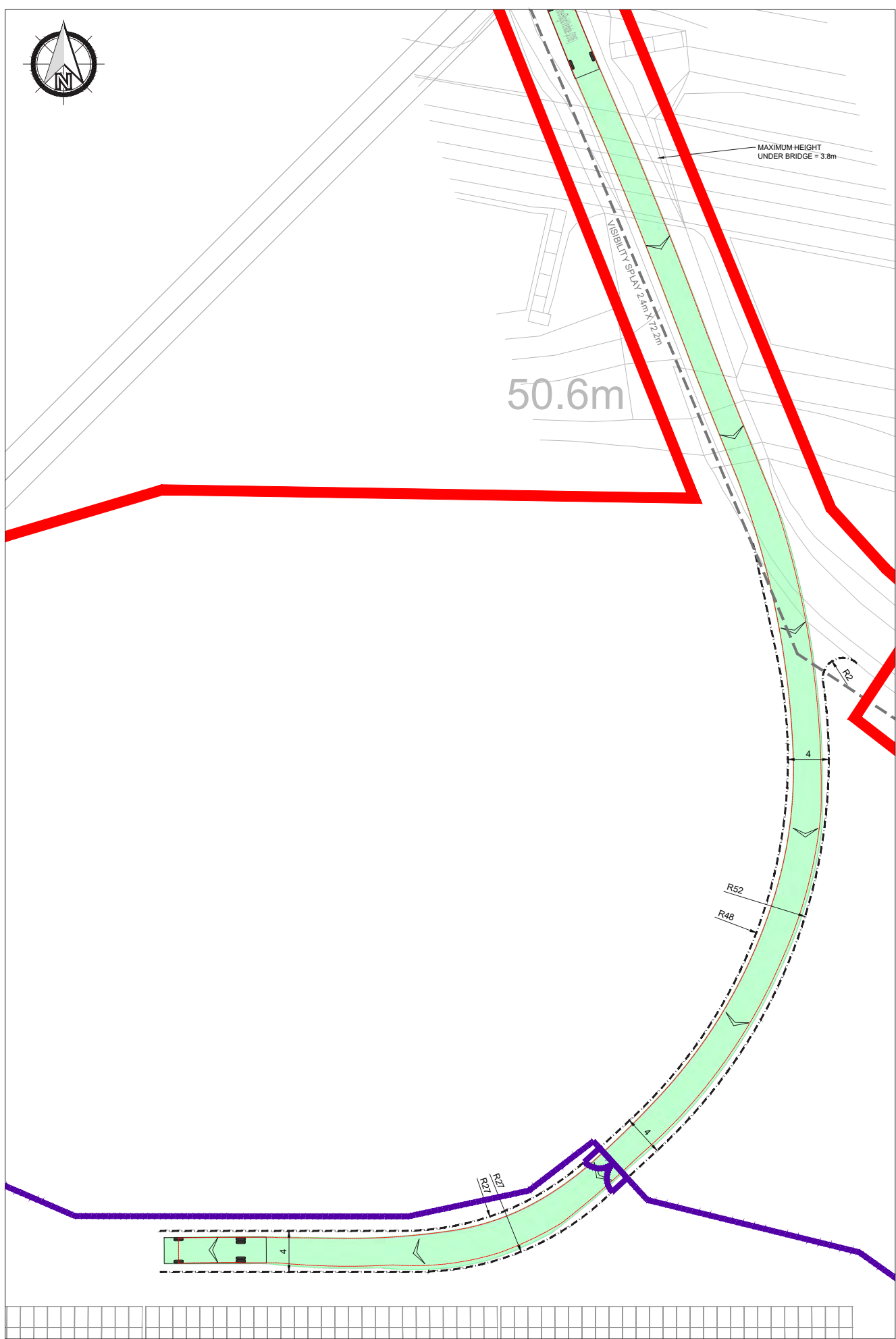
A Client of



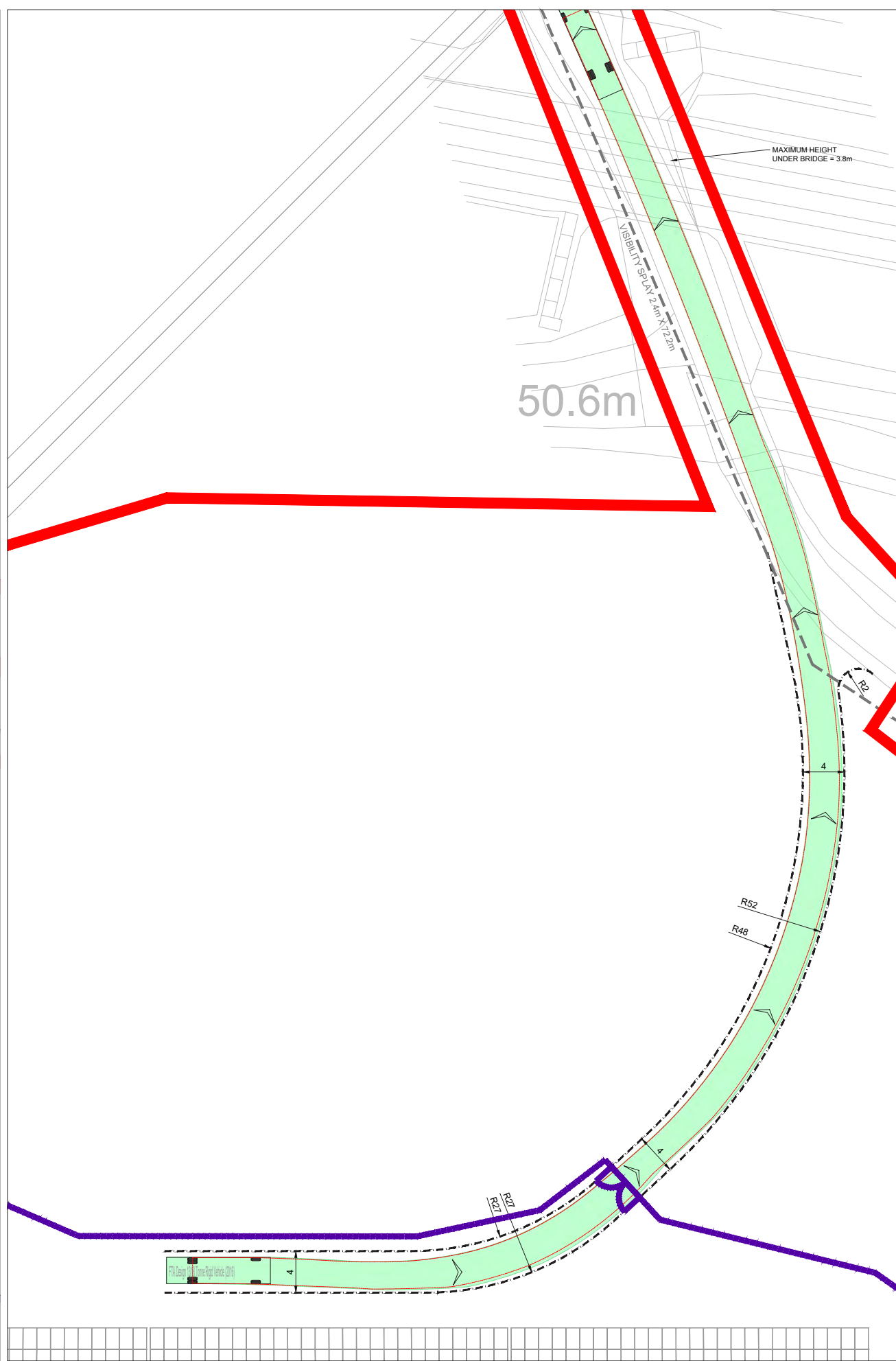
PRELIMINARY DRAWING:
THIS DRAWING IS FOR PRELIMINARY PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE.
IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.



This design is produced in accordance with the construction (design and management) regulations 2015 incorporating the approved code of practice, regulations 2, 9 and 11. Those altering the design without the authority of Canham Consulting Ltd should be aware they may also assume responsibility for those duties.



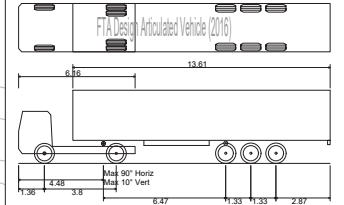
ENTRANCE SOUTH OF RAILWAY LINE - ENTERING



ENTRANCE SOUTH OF RAILWAY LINE - EXITING

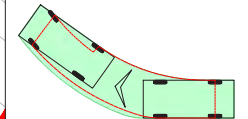
PLANNING GENERAL NOTES:

1. THE DRAWINGS, DESIGN AND ALL INFORMATION CONTAINED THEREIN ARE THE SOLE COPYRIGHT OF CANHAM CONSULTING LTD AND ANY REPRODUCTION IS FORBIDDEN UNLESS PERMISSION IS OBTAINED IN WRITING.
2. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT OTHER DRAWINGS AND SPECIFICATIONS.
3. ANY DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER, AND THAT PROVIDED BY OTHERS, MUST BE REFERRED TO THE ENGINEER BEFORE THE AFFECTED WORKS PROCEED.
4. DIMENSIONS MUST NOT BE SCALED FROM THE ENGINEER'S DRAWINGS.
5. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
6. THE INFORMATION SHOWN DOES NOT CONSTITUTE TECHNICAL APPROVAL FROM THE RELEVANT AUTHORITIES AND COULD BE SUBJECT TO CHANGE POST PLANNING.
7. THE PROPOSED SITE LAYOUT SHOWN ON THIS DRAWING IS BASED UPON THE ENGNA DRAWING ENGN1006-100D, DATED 29.11.2021.

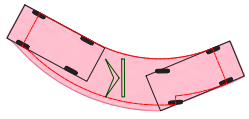


FTA Design Articulated Vehicle (2016)	
Overall Length	16.480m
Overall Width	2.550m
Overall Body Height	3.870m
Min Body Ground Clearance	0.515m
Max Track Width	2.470m
Lock to lock time	3.00s
Kerb to Kerb Turning Radius	6.600m

VEHICLE SWEEP PATH - KEY TO SYMBOLS



VEHICLE MOVING FORWARD
BODY OUTLINE - GREEN SHADING
WHEEL TRACK - RED DOTTED LINE



VEHICLE MOVING IN REVERSE
BODY OUTLINE - RED SHADING
WHEEL TRACK - RED DOTTED LINE

LEGEND

- PROPOSED HB2 KERB
- DETRA FENCING
- SITE BOUNDARY

Figure 6.2 b) i

Site Entrance - Central
area (rigid vehicle)

Scale - 1:500 at A3

PREPARED ON BEHALF OF



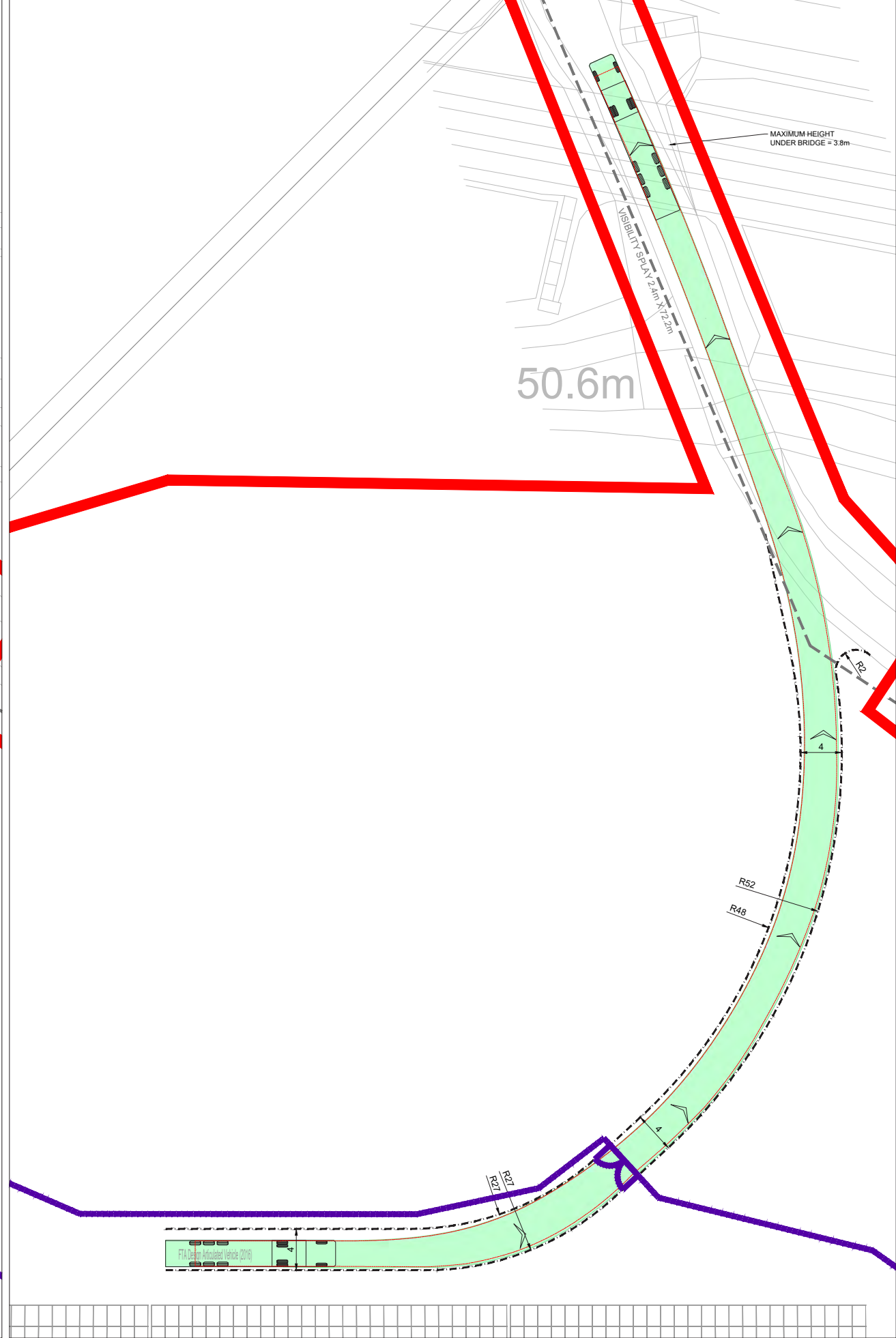
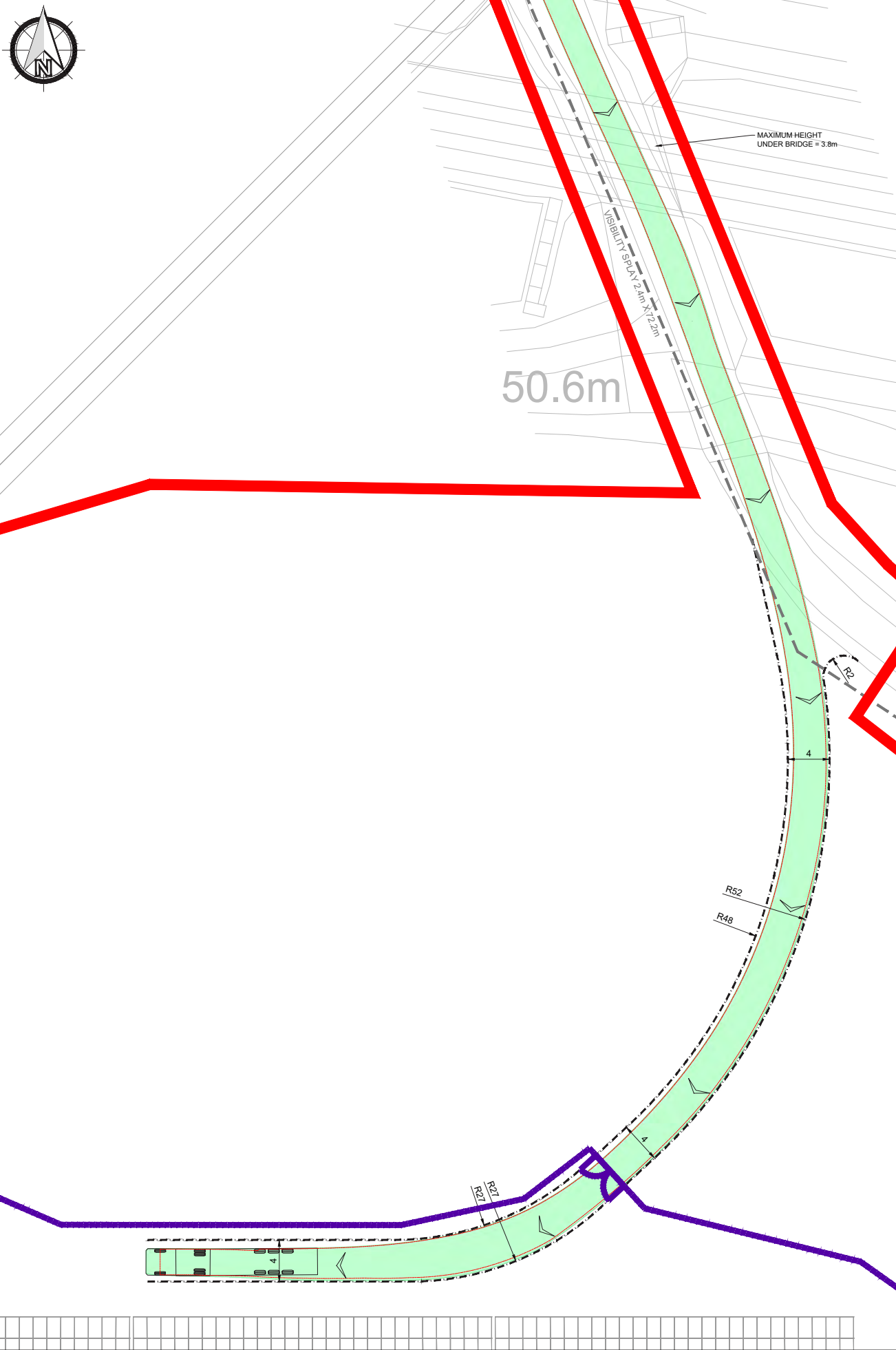
A Client of

engena

PRELIMINARY DRAWING:
THIS DRAWING IS FOR PRELIMINARY PURPOSES
ONLY AND MUST NOT BE READ AS A
CONSTRUCTION ISSUE.
IT INDICATES DESIGN INTENT ONLY AND IS
SUBJECT TO AMENDMENT DURING FINAL DESIGN
DEVELOPMENT.

SCALE 1:250m
0m 5m 10m 15m 20m 25m
SCALE BAR FOR INFORMATION ONLY

This design is produced in accordance with the construction (design and management) regulations 2015 incorporating the approved code of practice, regulations 2, 9 and 11. Those altering the design without the authority of Canham Consulting Ltd should be aware they may also assume responsibility for those duties.



PLANNING GENERAL NOTES:

1. THE DRAWINGS, DESIGN AND ALL INFORMATION CONTAINED THEREIN ARE THE SOLE COPYRIGHT OF CANHAM CONSULTING LTD AND ANY REPRODUCTION IS FORBIDDEN UNLESS PERMISSION IS OBTAINED IN WRITING.
2. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT OTHER DRAWINGS AND SPECIFICATIONS.
3. ANY DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER, AND THAT PROVIDED BY OTHERS, MUST BE REFERRED TO THE ENGINEER BEFORE THE AFFECTED WORKS PROCEED.
4. DIMENSIONS MUST NOT BE SCALED FROM THE ENGINEER'S DRAWINGS.
5. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
6. THE INFORMATION SHOWN DOES NOT CONSTITUTE TECHNICAL APPROVAL FROM THE RELEVANT AUTHORITIES AND COULD BE SUBJECT TO CHANGE POST PLANNING.
7. THE PROPOSED SITE LAYOUT SHOWN ON THIS DRAWING IS BASED UPON THE ENGENA DRAWING ENGN1006-100D, DATED 29.11.2021.

FTA Design Articulated Vehicle (2016)

Overall Length	16.480m
Overall Width	2.550m
Overall Body Height	3.870m
Min Body Ground Clearance	0.515m
Max Track Width	2.470m
Lock to lock time	3.00s
Kerb to Kerb Turning Radius	6.600m

VEHICLE SWEEP PATH - KEY TO SYMBOLS

VEHICLE MOVING FORWARD
BODY OUTLINE - GREEN SHADING
WHEEL TRACK - RED DOTTED LINE

VEHICLE MOVING IN REVERSE
BODY OUTLINE - RED SHADING
WHEEL TRACK - RED DOTTED LINE

LEGEND

- PROPOSED HB2 KERB
- DETRA FENCING
- SITE BOUNDARY

Figure 6.2 b) ii
Site Entrance - Central area (articulated)
Scale - 1:500 at A3

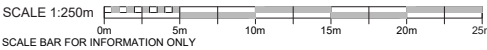
PREPARED ON BEHALF OF



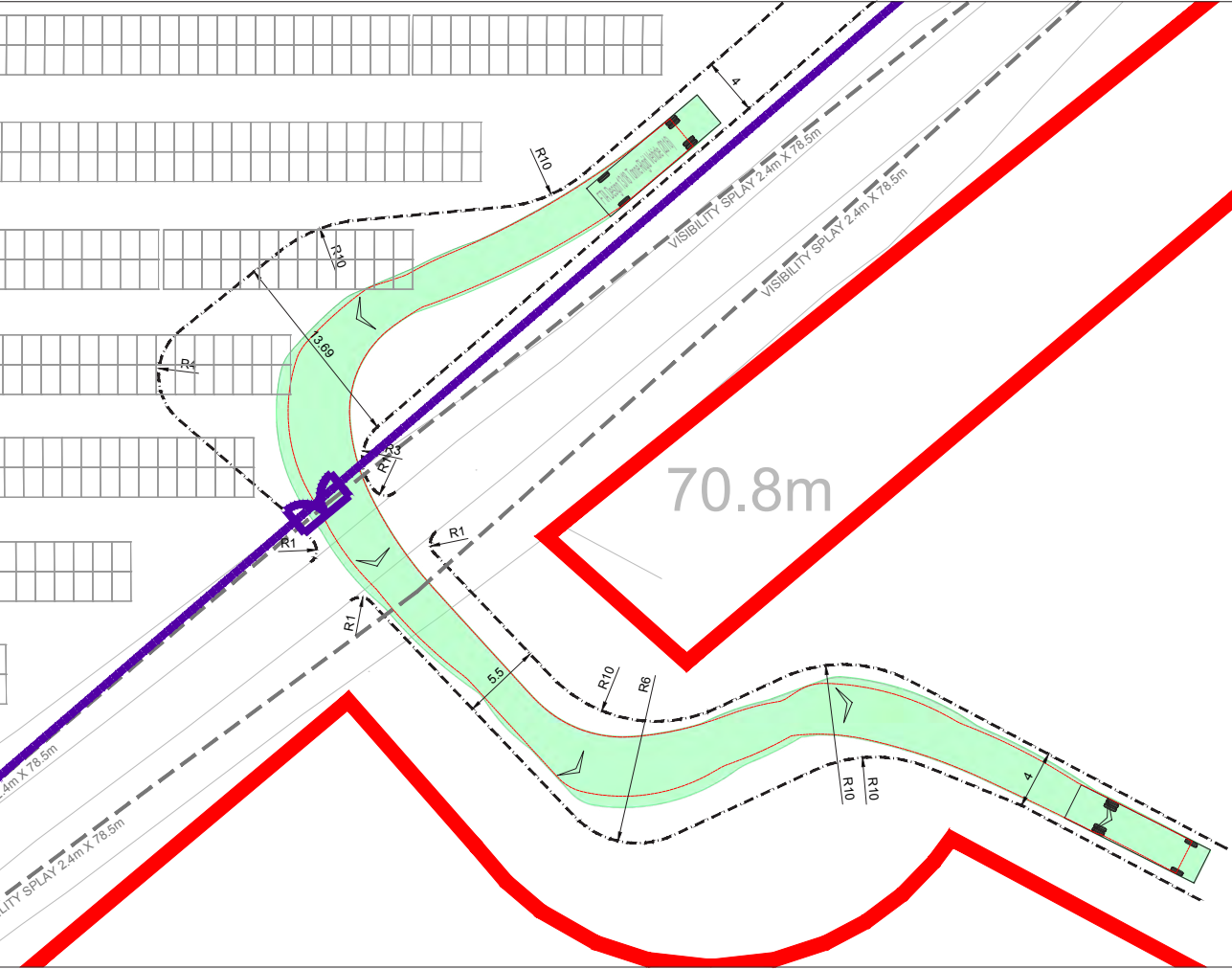
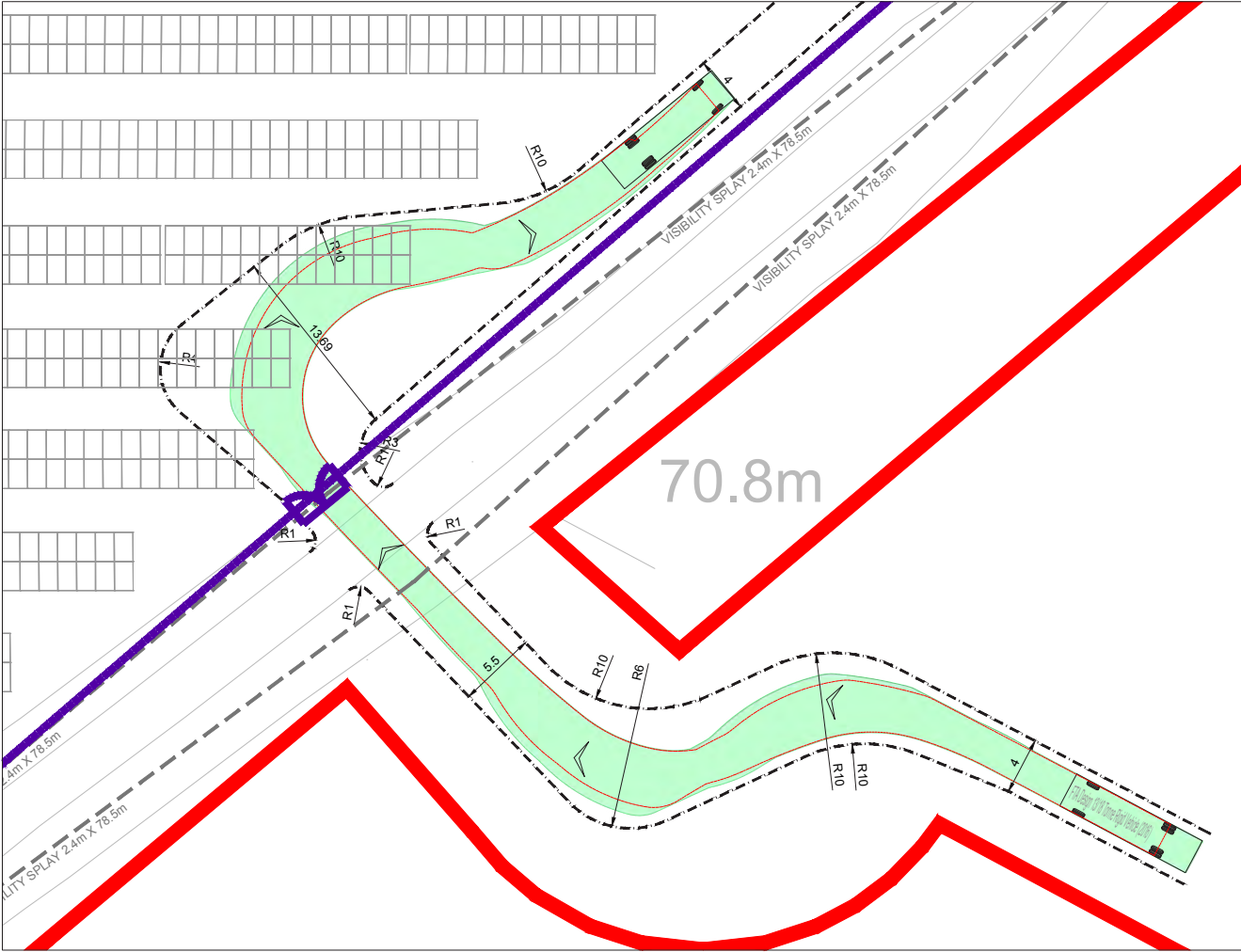
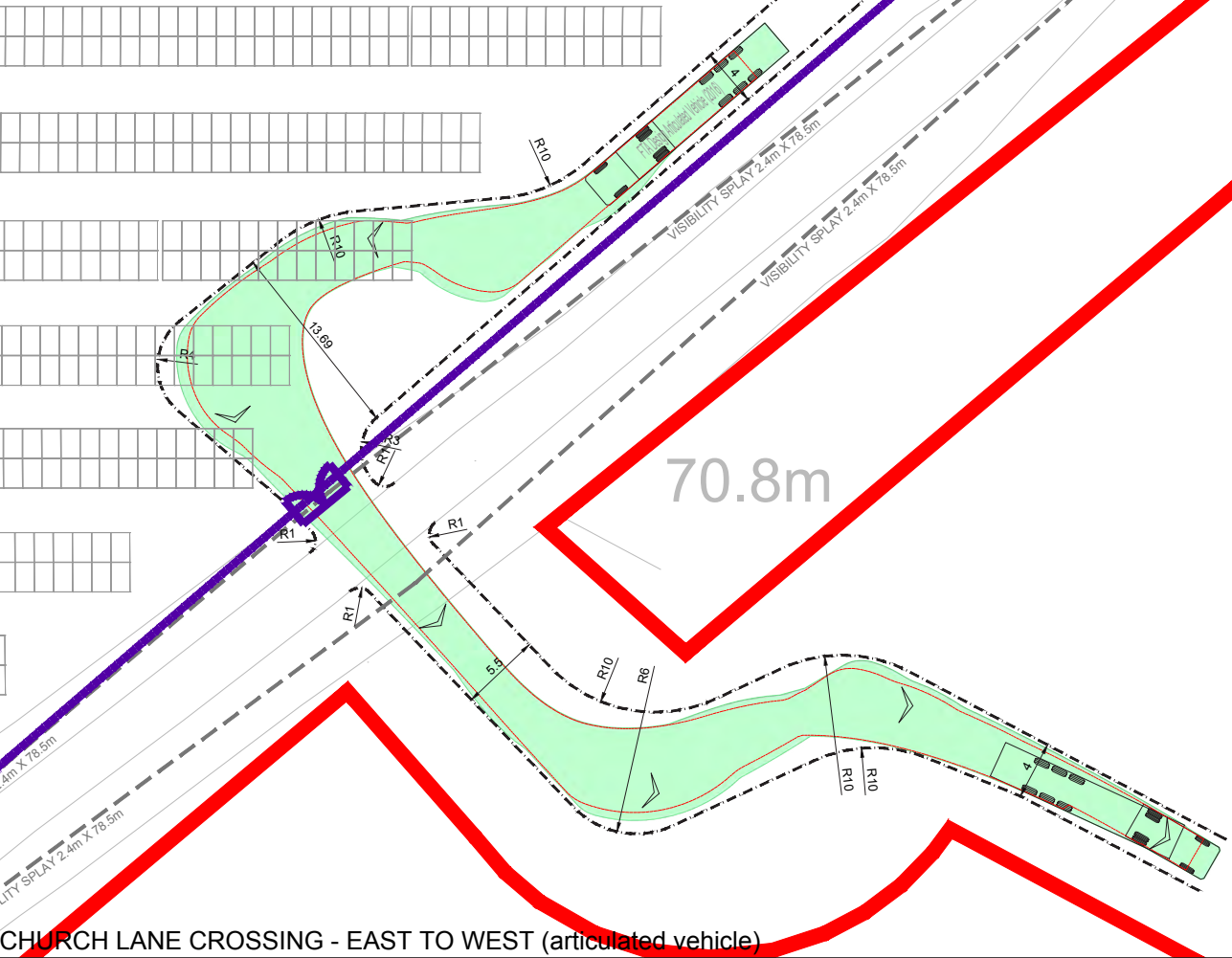
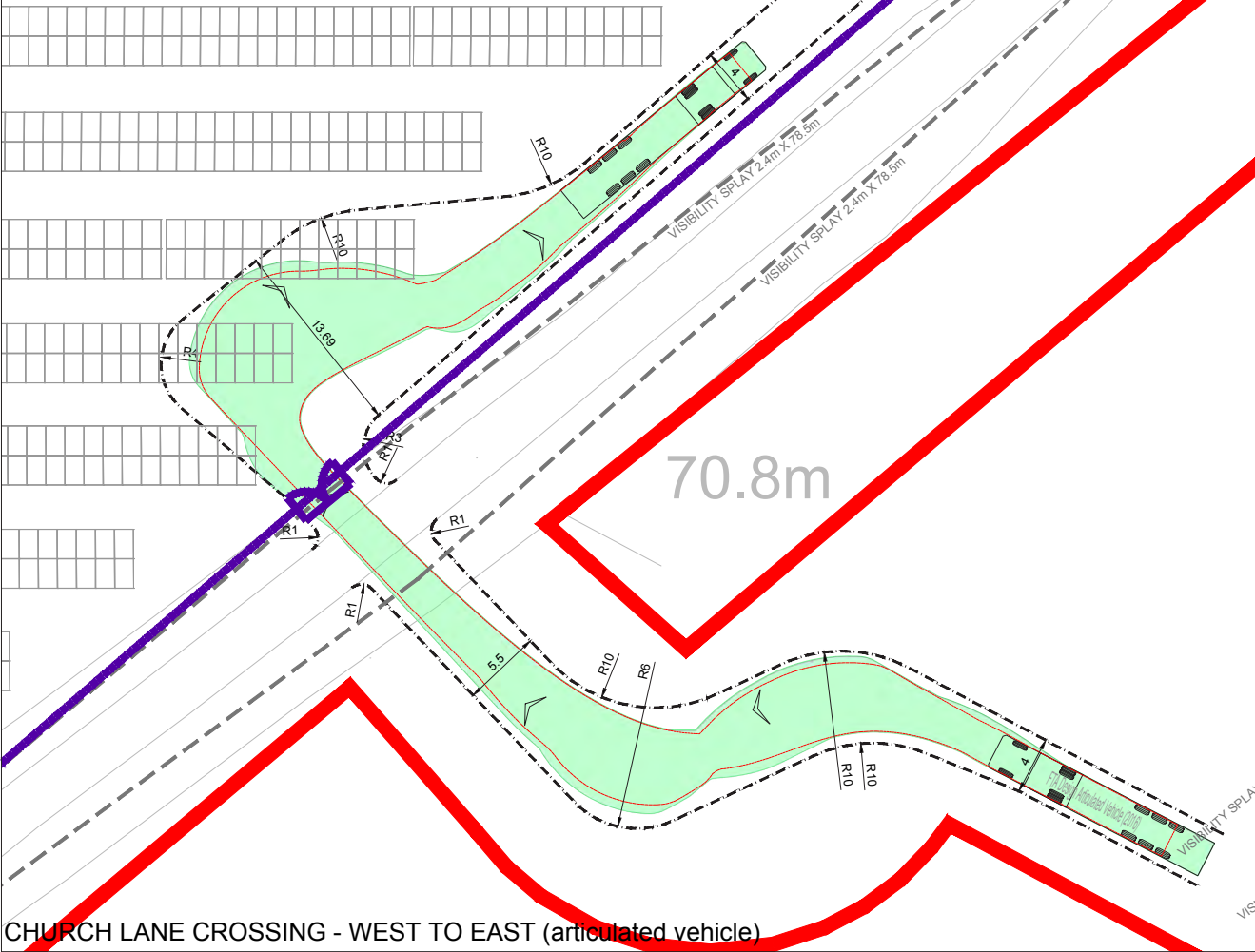
A Client of



PRELIMINARY DRAWING:
THIS DRAWING IS FOR PRELIMINARY PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE.
IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.



This design is produced in accordance with the construction (design and management) regulations 2015 incorporating the approved code of practice, regulations 2, 9 and 11. Those altering the design without the authority of Canham Consulting Ltd should be aware they may also assume responsibility for those duties.



PLANNING GENERAL NOTES:

1. THE DRAWINGS, DESIGN AND ALL INFORMATION CONTAINED THEREIN ARE THE SOLE COPYRIGHT OF CANHAM CONSULTING LTD AND ANY REPRODUCTION IS FORBIDDEN UNLESS PERMISSION IS OBTAINED IN WRITING.
2. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT OTHER DRAWINGS AND SPECIFICATIONS.
3. ANY DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER, AND THAT PROVIDED BY OTHERS, MUST BE REFERRED TO THE ENGINEER BEFORE THE AFFECTED WORKS PROCEED.
4. DIMENSIONS MUST NOT BE SCALED FROM THE ENGINEER'S DRAWINGS.
5. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
6. THE INFORMATION SHOWN DOES NOT CONSTITUTE TECHNICAL APPROVAL FROM THE RELEVANT AUTHORITIES AND COULD BE SUBJECT TO CHANGE POST PLANNING.
7. THE PROPOSED SITE LAYOUT SHOWN ON THIS DRAWING IS BASED UPON THE ENGNA DRAWING ENGN1006-100D, DATED 29.11.2021.

FTA Design 13/18 Tonne Rigid Vehicle (2016)

Overall Length	10.000m
Overall Width	2.550m
Overall Body Height	3.645m
Min Body Ground Clearance	0.440m
Track Width	2.470m
Lock to lock time	3.00s
Kerb to Kerb Turning Radius	11.000m

VEHICLE SWEEP PATH - KEY TO SYMBOLS

VEHICLE MOVING FORWARD
BODY OUTLINE - GREEN SHADING
WHEEL TRACK - RED DOTTED LINE

VEHICLE MOVING IN REVERSE
BODY OUTLINE - RED SHADING
WHEEL TRACK - RED DOTTED LINE

LEGEND

- PROPOSED HB2 KERB
- DETRA FENCING
- SITE BOUNDARY

Figure 6.2 c)
Church Lane Crossing
- Eastern area access
Scale - 1:500 at A3

PREPARED ON BEHALF OF

edf
renewables

A Client of



PRELIMINARY DRAWING:
THIS DRAWING IS FOR PRELIMINARY PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE.
IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.

SCALE 1:250m

0m 5m 10m 15m 20m 25m

SCALE BAR FOR INFORMATION ONLY

This design is produced in accordance with the construction (design and management) regulations 2015 incorporating the approved code of practice, regulations 2, 9 and 11. Those altering the design without the authority of Canham Consulting Ltd should be aware they may also assume responsibility for those duties.

EAST STOUR SOLAR FARM

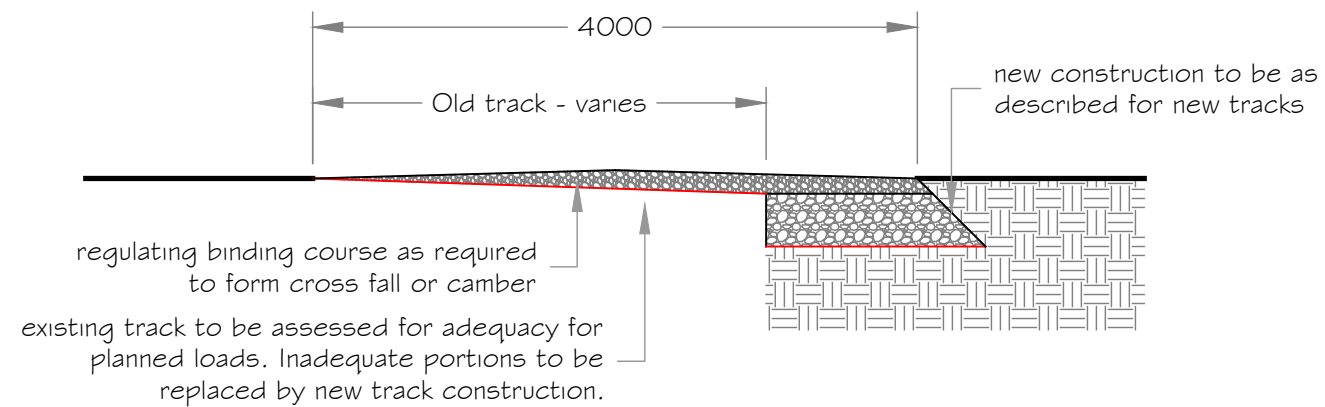
Typical Access Track

Figure 6.3

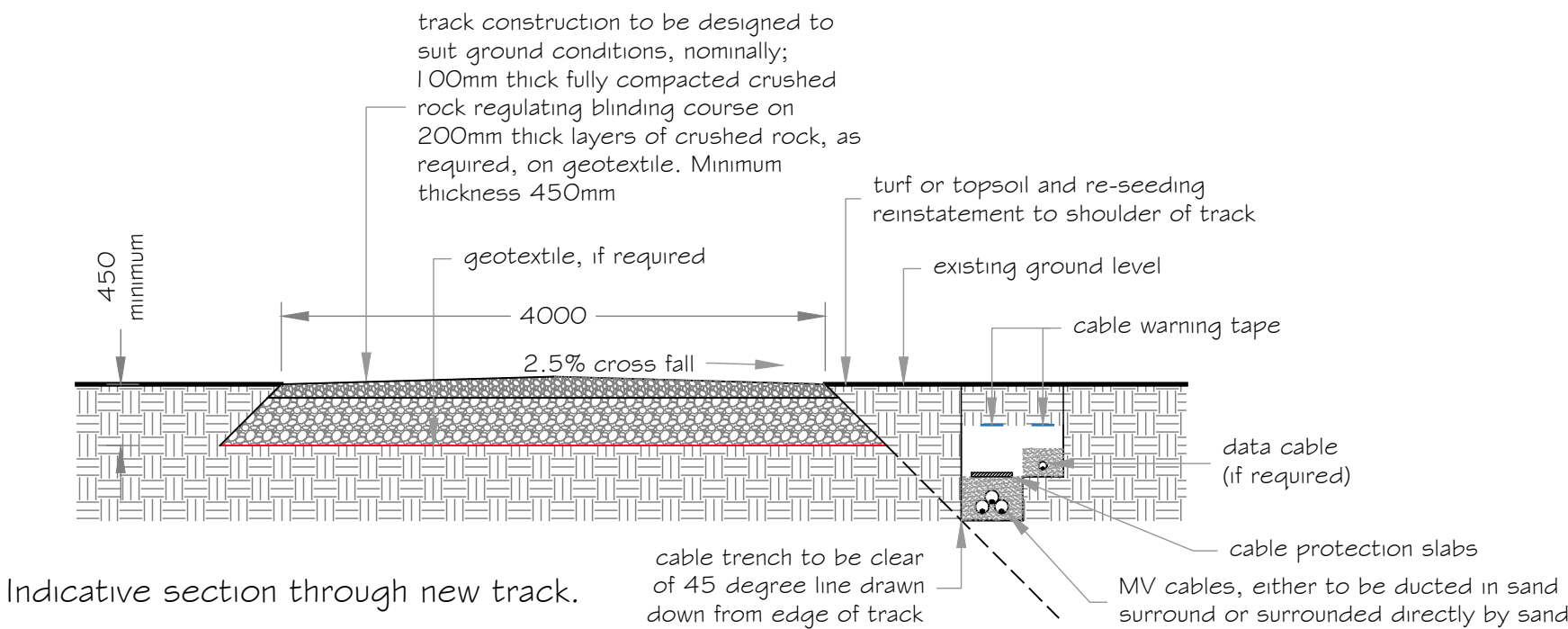
- NOTES
- 1 All measurements in millimetres, unless stated otherwise
 - 2 The thickness of the gravel layer depends on the load-bearing capacity of the subsoil and must be taken from the soil expertise
 - 3 The gravel must be placed in layers and compacted. Information on this and the proctor density to be achieved can also be found in the soil report
 - 4 The required number of ductworks must be determined and can be higher than shown in the drawing



Inset - Typical Access Track Appearance



Indicative section through widened track.



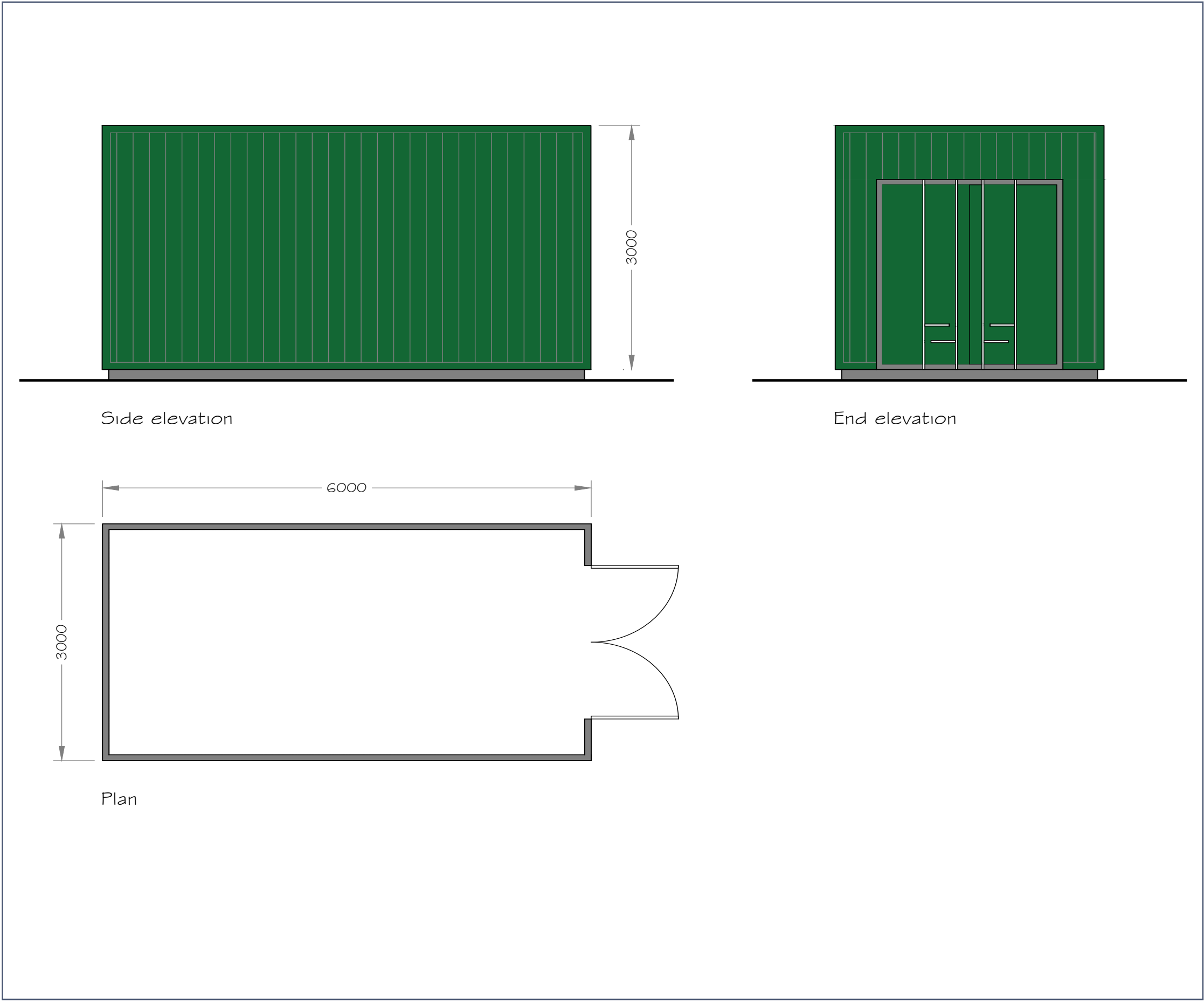
Indicative section through new track.

EAST STOUR SOLAR FARM

Typical Site Cabinet Detail

Figure 6.4

- NOTES
- 1 All measurements in millimetres, unless stated otherwise
 - 2 External finishes to be agreed with the LPA prior to construction
 - 3 Built off 150mm high plinth

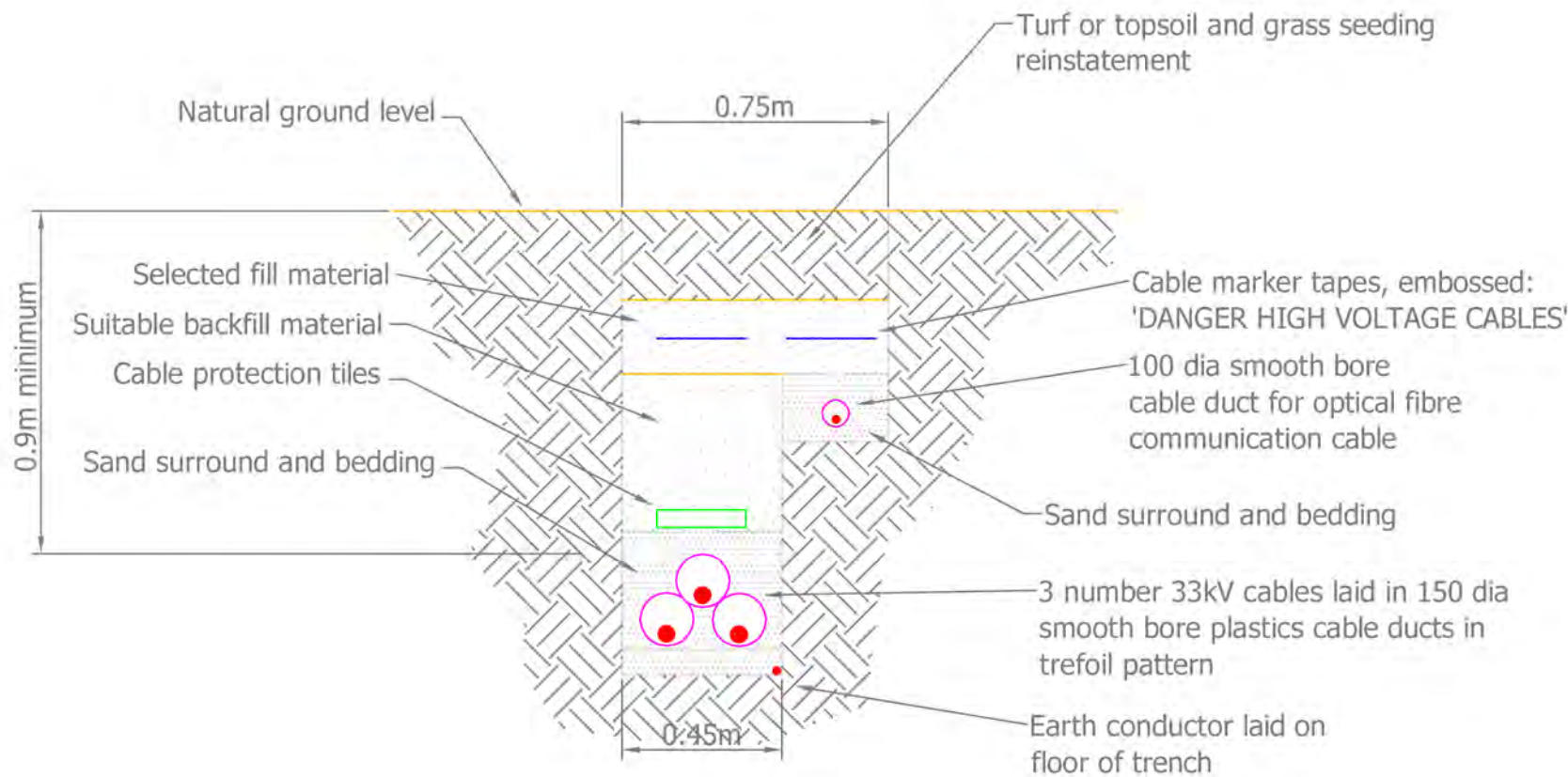


Scale 1:50 at A3

EAST STOUR SOLAR FARM

Typical Cable Trench Detail

Figure 6.5





Inset - Typical Fence Style

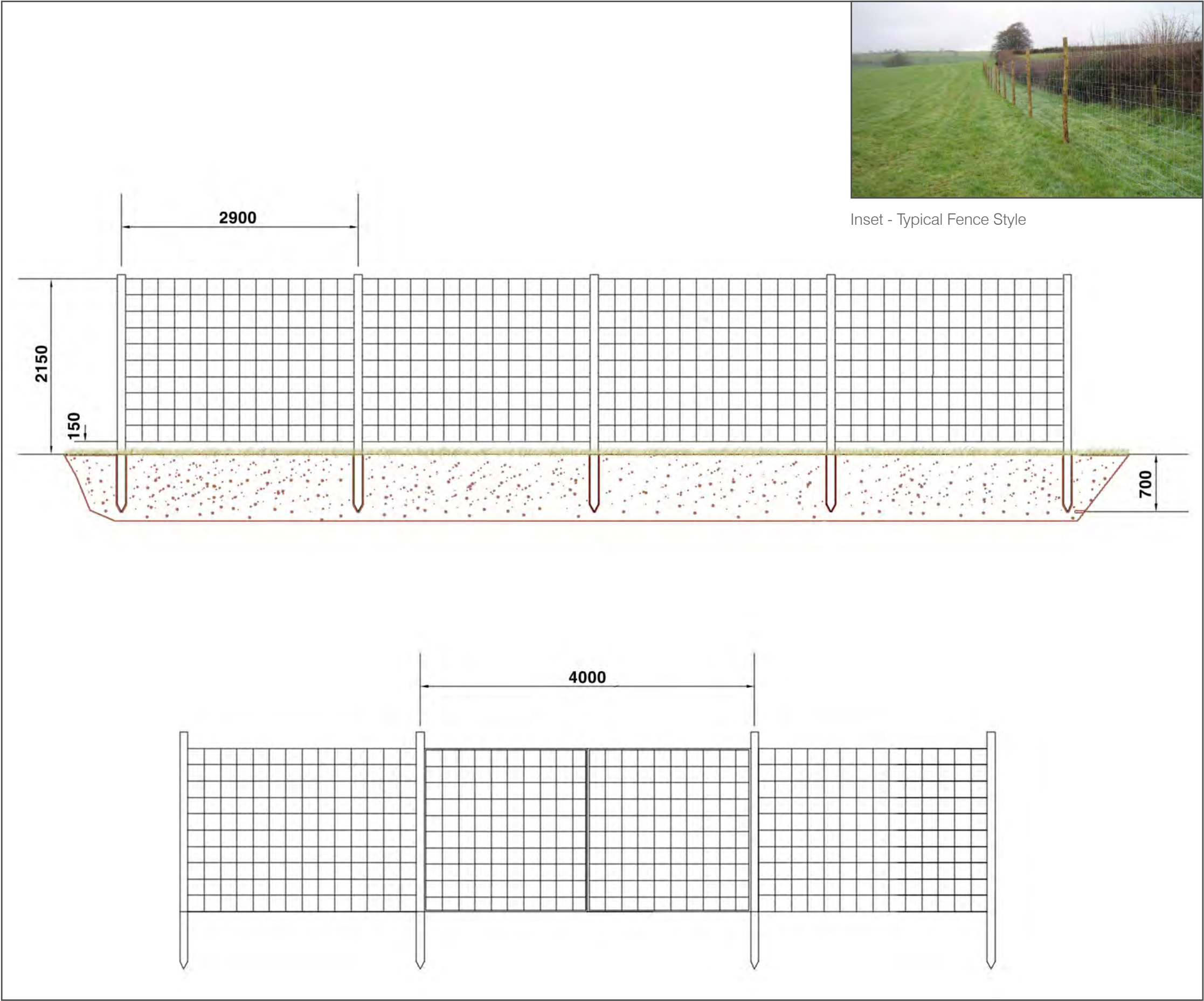
EAST STOUR SOLAR FARM

Typical Boundary Fence and Gate

Figure 6.6

NOTES

- 1 All measurements in millimetres, unless stated otherwise
- 2 2m High Tensile Deer Fencing
- 3 Fencing raised by 150mm to allow for passage of small animals.
- 4 Gates installed across access track at both ends.
- 5 Post depth according to ground conditions.



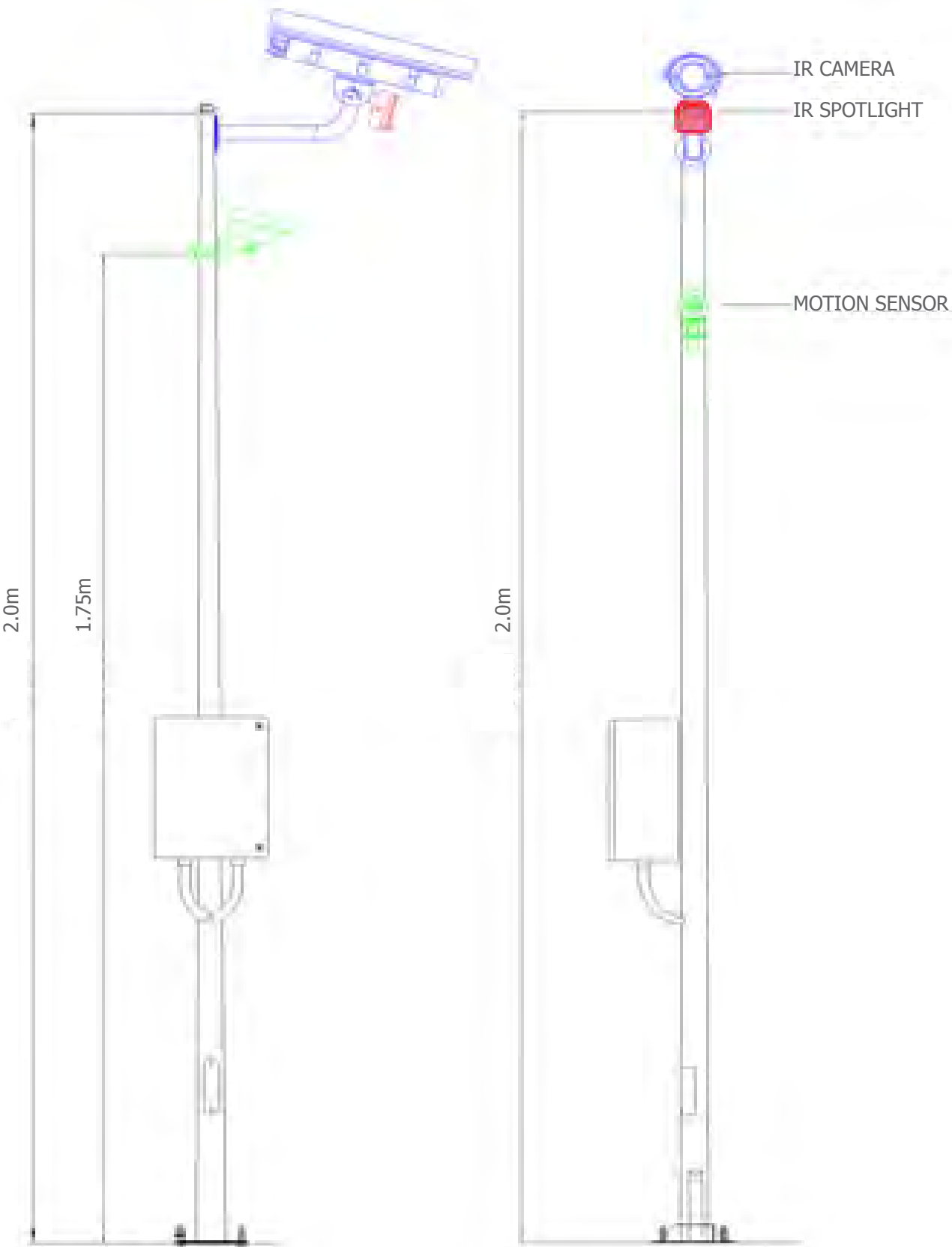
Scale 1:50 at A3

PREPARED ON BEHALF OF



A Client of

engena



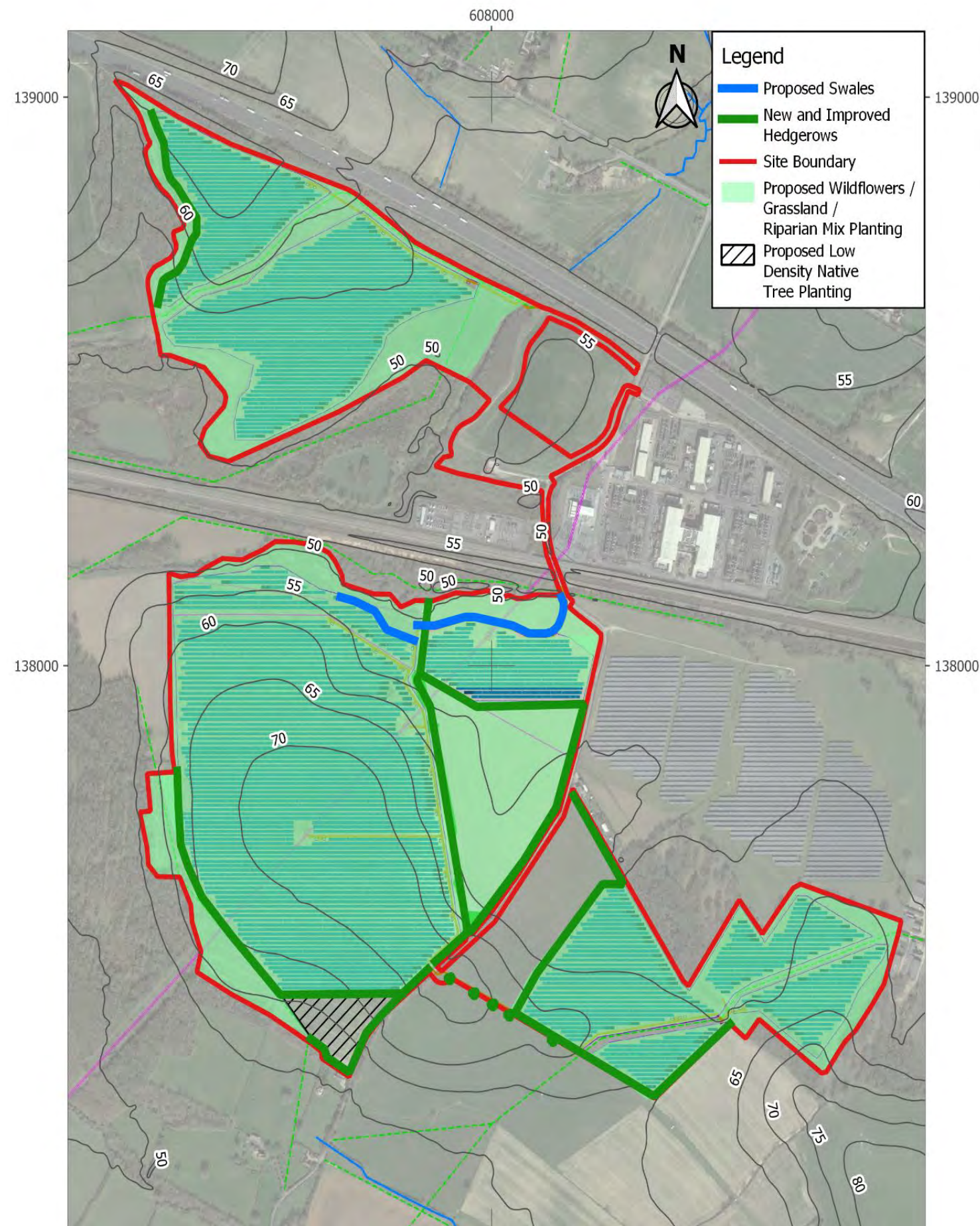
EAST STOUR SOLAR FARM

Typical CCTV Detail

Figure 6.7

NOTES

- 1. Image courtesy of Altron (not to scale)
- 2. Exact equipment to be procured prior to construction in agreement with the LPA.



EAST STOUR SOLAR FARM

Surface Water Drainage Strategy

Figure 9.1

NOTES

Extracted from ES Volume 4, Appendix 9.1 - Flood Risk Assessment and Outline Drainage Strategy

PREPARED BY WALLINGFORD HYDRO SOLUTIONS



EAST STOUR SOLAR FARM

Phase 1 Habitat Plan

Figure 10.1

KEY

 North



Figure 10.2

KEY



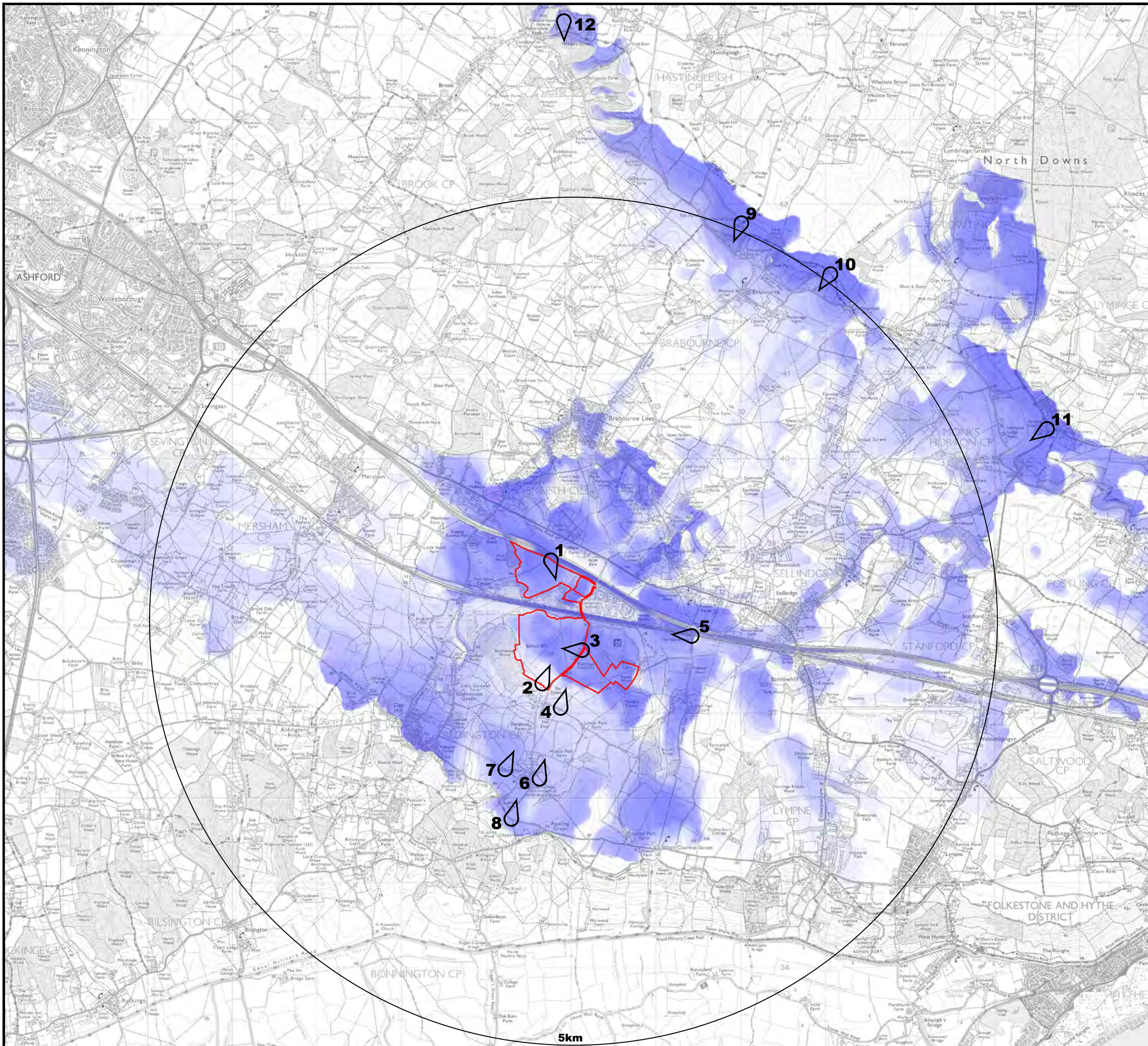
North

PREPARED ON BEHALF OF



A Client of

engena



Project:

East Stour Solar Farm



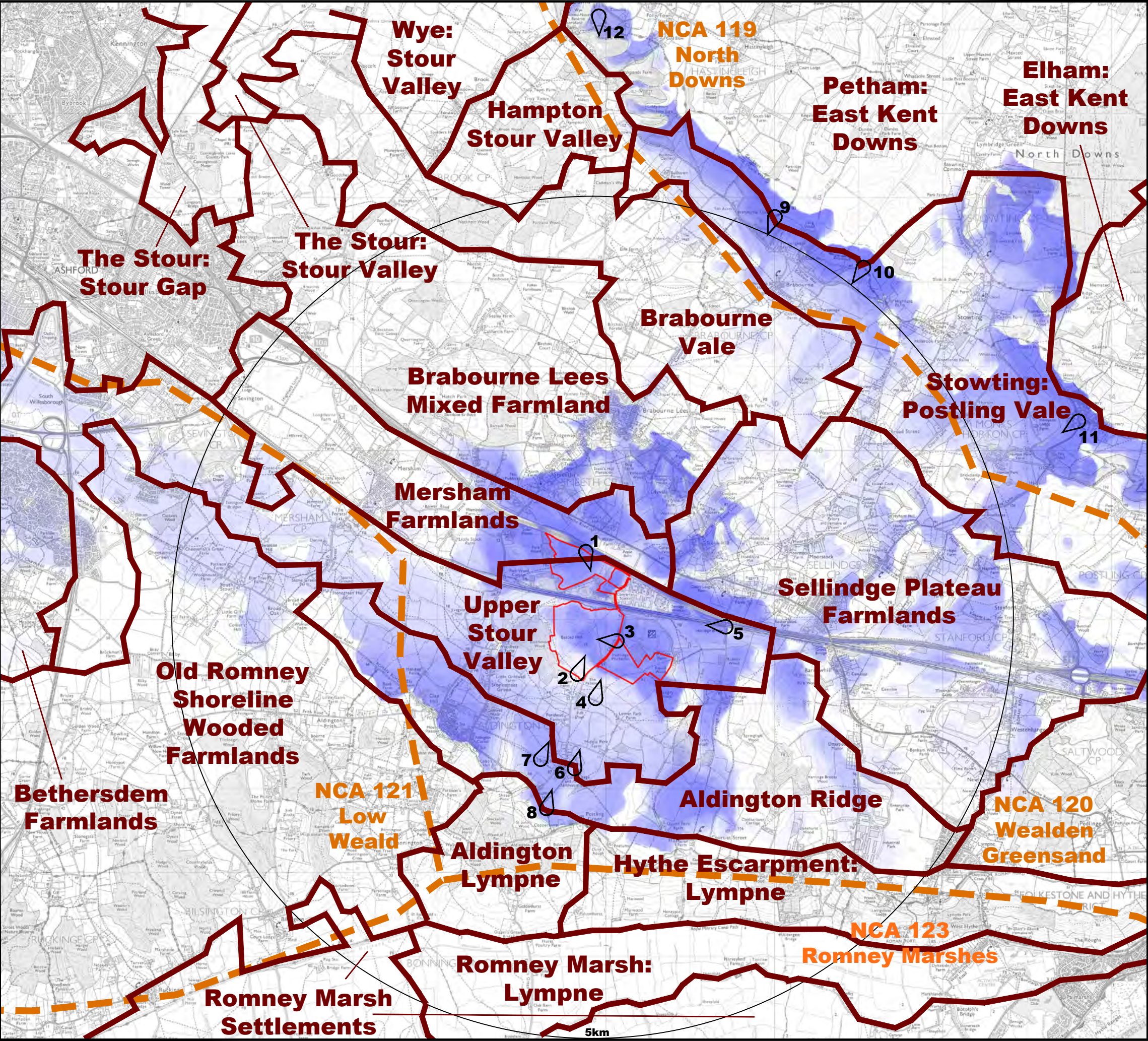
- Key:
- Approximate application boundary
 - Zone of Theoretical Visibility of proposed highest points of solar panels @ 3m above ground level
 - 12 Viewpoint location

- Notes:
1. ZTV, generated 16th December 2021.
 2. Predicted visibility is for observer eye level 2m above ground level.
 3. The analysis does not take into account the screening effects of vegetation, buildings or other surface features.
 4. Created using Ordnance Survey digital 5m terrain data.
 5. Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.



Figure 11.1
5km Radius Zone of Theoretical Visibility

Drawn by: BJD
Checked by:
Date: 17-12-21



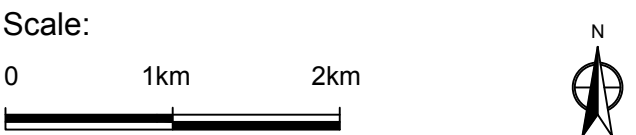
Project:

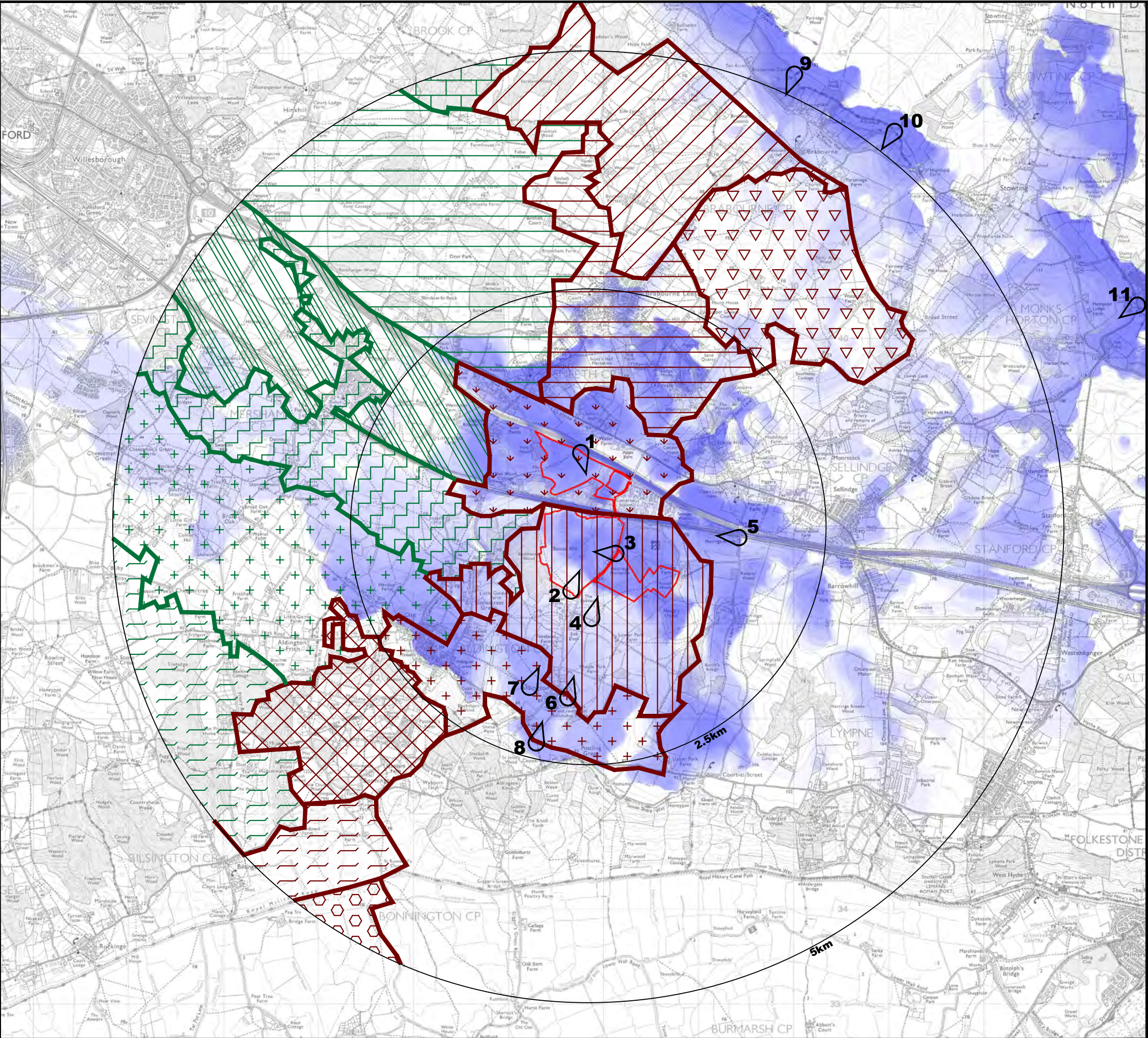
East Stour Solar Farm



- Key:
- Application boundary
 - National Character Area boundary
 - 1 Viewpoint location

- Notes:
- For information regarding the ZTV plase refer to Figure 11.1.
 - Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.





Project:

East Stour Solar Farm



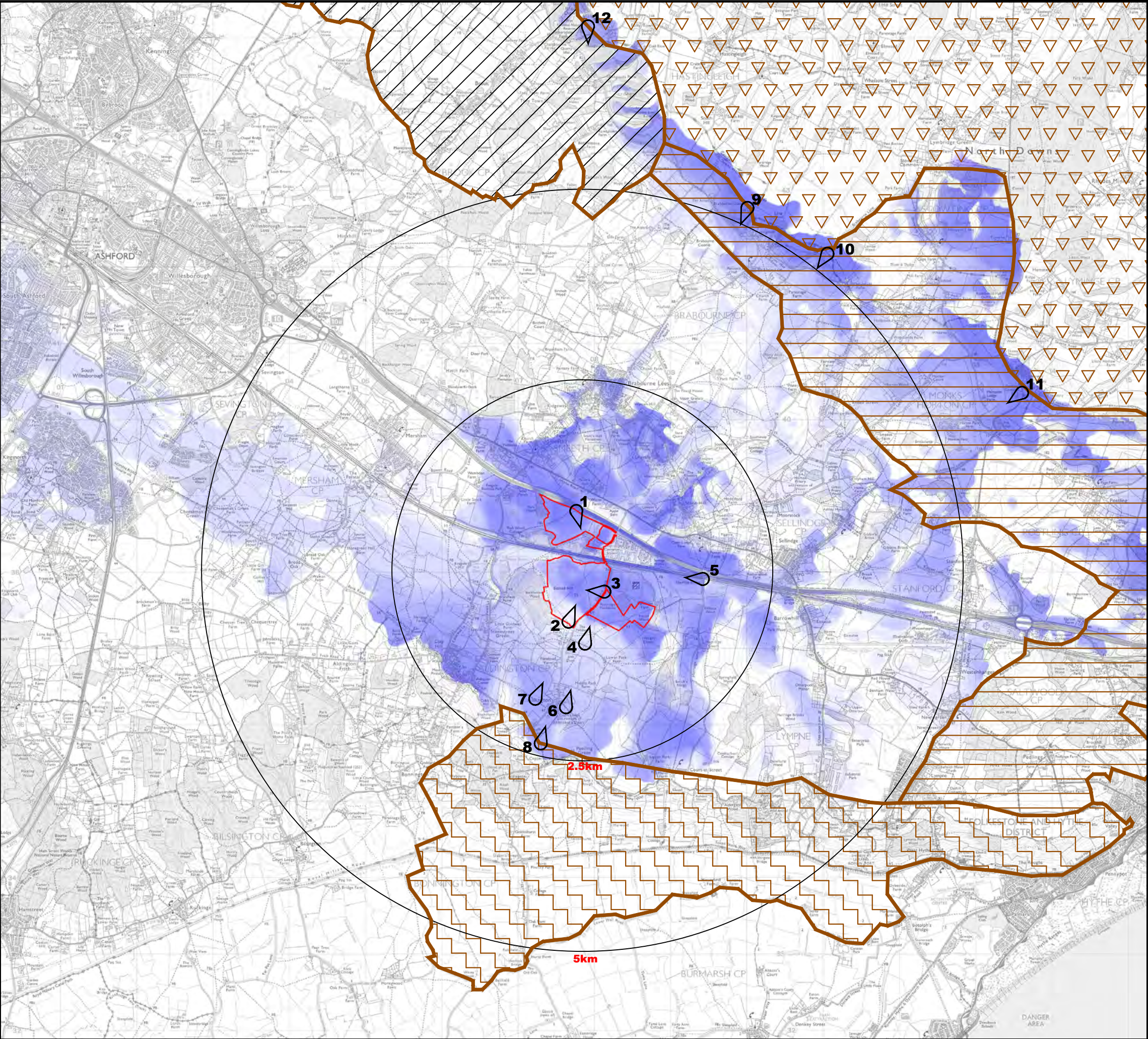
- Key:
- Application boundary
 - Landscape Character Areas Ashford (urban fringe):**
 - Aldington Ridge
 - Brabourne Vale
 - Brabourne Lees Mixed Farmlands
 - Mersham Farmlands
 - Old Romney Shoreline Woodland Farmlands
 - Upper Stour Valley
 - Landscape Character Areas Ashford (rural fringe):**
 - Brabourne Farmlands
 - Brabourne Arable Farmlands
 - Brabourne Lees Hilly Farmlands
 - Evegate Mixed Farmlands
 - East Stour Valley
 - Aldington Ridgeline
 - Bonnington Wooded Farmlands
 - Old Romney Shoreline Settlements
 - Royal Military Marshlands
 - Viewpoint location

- Notes:
- For information regarding the ZTV please refer to Figure 11.1.
 - Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.



Figure 11.3
Landscape Character Plan (Ashford Borough)

Drawn by: BJD
Checked by:
Date: 23-12-21



Key:

Application boundary

Landscape Character Areas within Kent Downs AONB:

Stour Valley

East Kent Downs

Postling Scarp and Vale

Lympe Greensand Escarpment

1

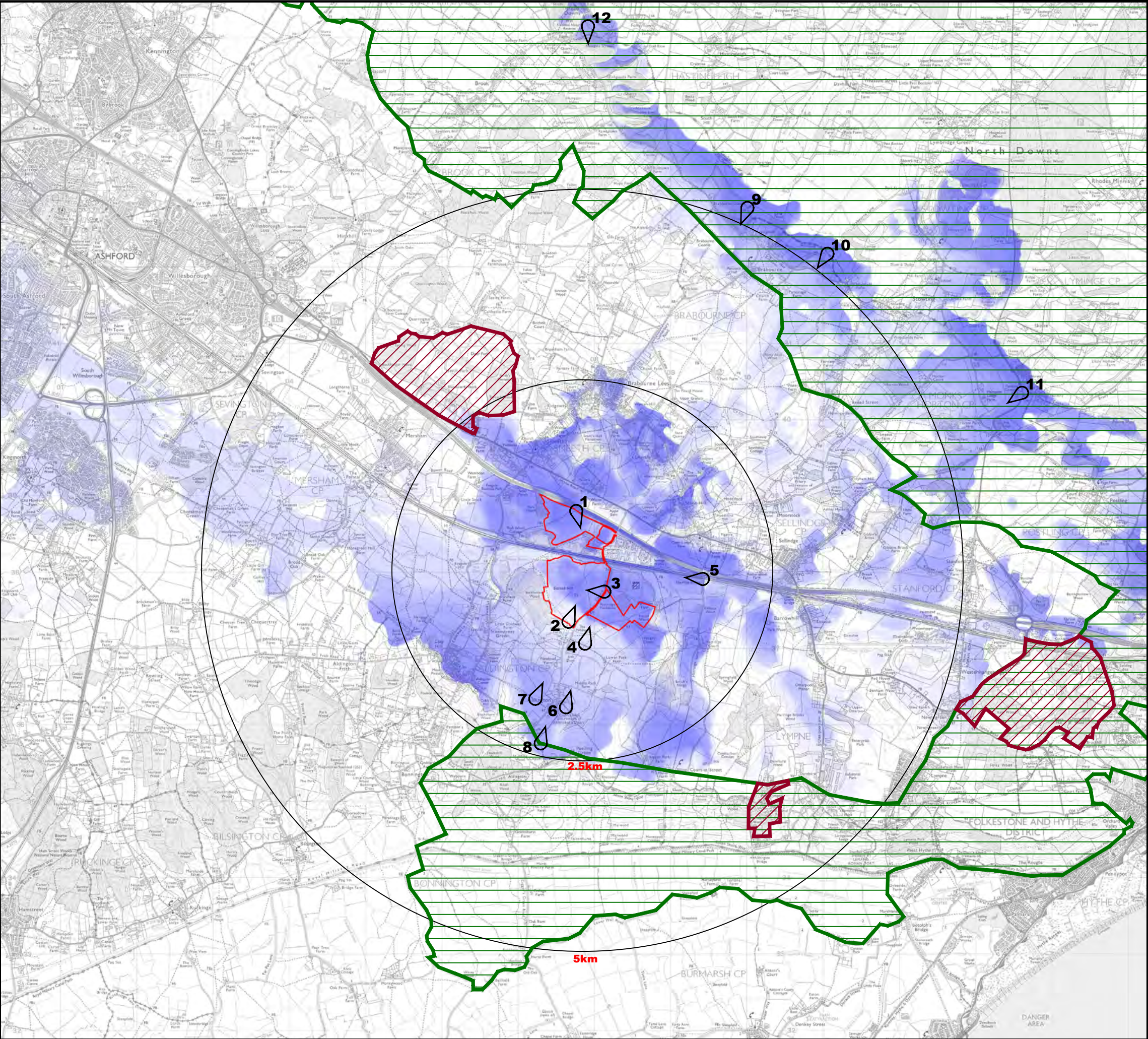
Viewpoint location

- Notes:
1.

For information regarding the ZTV please refer to Figure 11.1.
2.

Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.





Project:

East Stour Solar Farm



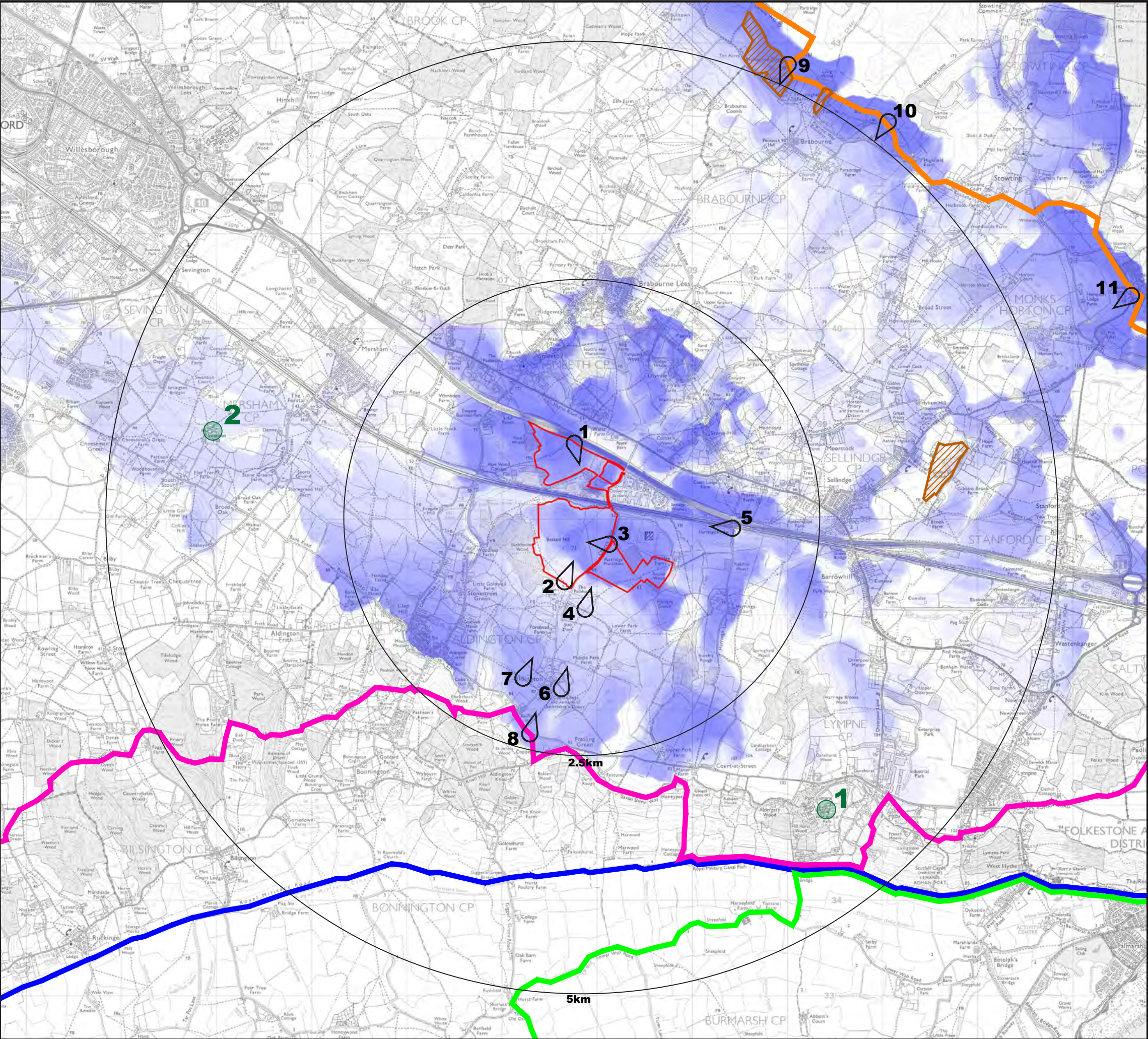
- Key:
- Application boundary
 - Approximate location of AONB boundary
 - Historic Parks and Gardens
 - Viewpoint location

- Notes:
- For information regarding the ZTV please refer to Figure 11.1.
 - Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.



Figure 11.5
Landscape Designations

Drawn by: BJD
Checked by:
Date: 16-09-21



Project:

East Stour Solar Farm



- Key:
- Application boundary
 - Areas of Open Access Land
 - Saxon Shore Way
 - Royal Military Canal Path
 - North Downs Way
 - Sustrans route 2

- Visitor Attractions:
- 1 Port Lympe Wild Animal Park
 - 2 Sawnton Mill
 - 1 Viewpoint location

- Notes:
- For information regarding the ZTV please refer to Figure 11.1.
 - Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.

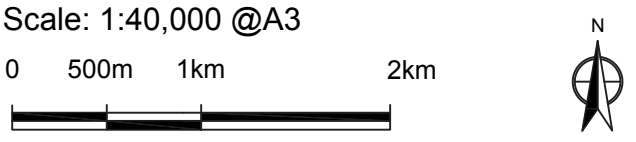
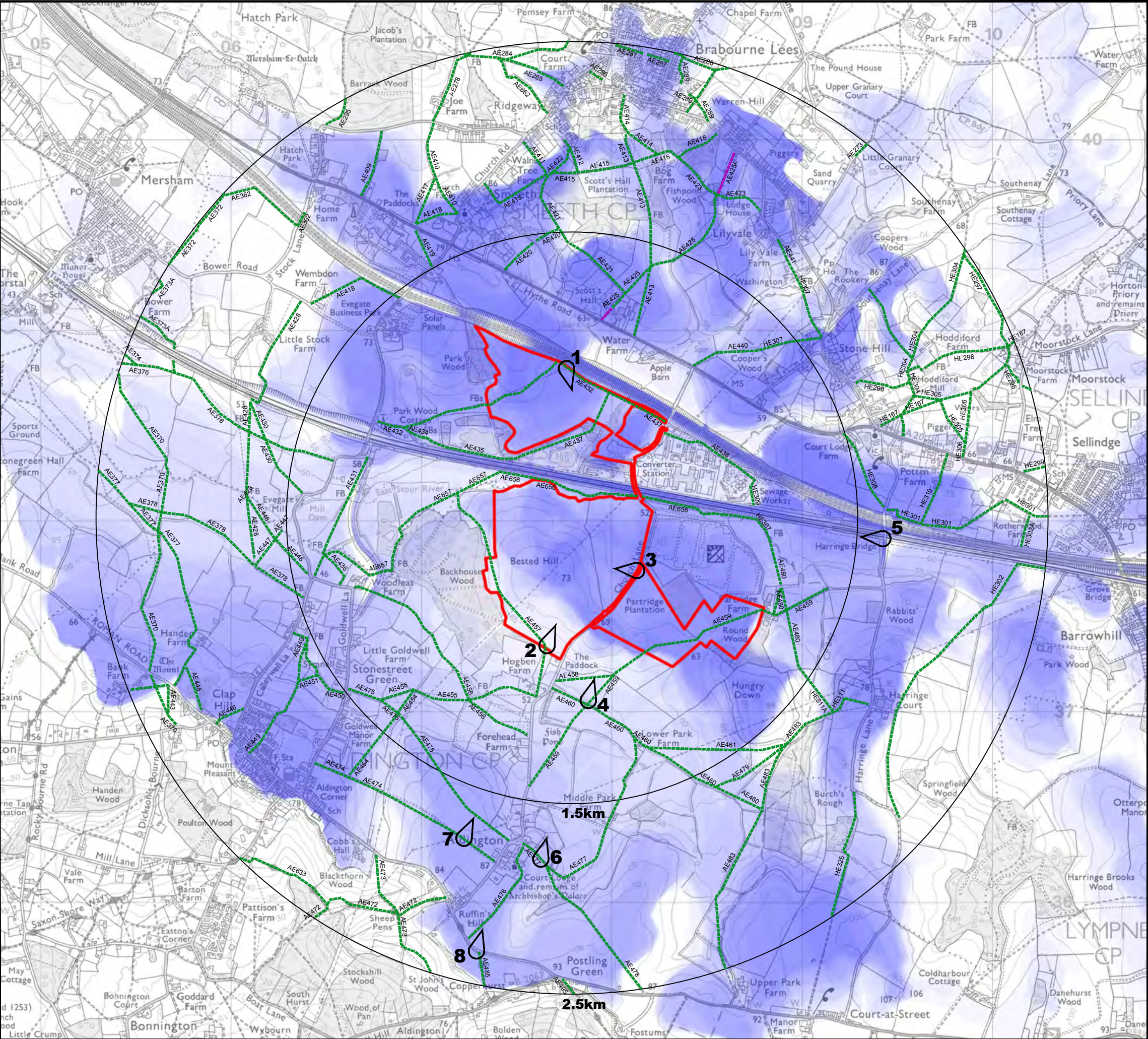


Figure 11.6
Recreational Routes and Visitor Attractions

Drawn by: BJD
Checked by:
Date: 16-12-21



Project:

East Stour Solar Farm

Viento

Environmental

Key:

Application boundary

Footpath

Restricted Byway

Viewpoint location

Notes:

1. For information regarding the ZTV please refer to Figure 11.1.

2. Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.

Scale: 1:20,000 @A3

0500m1km

N

Figure 11.7

Public Rights of Way

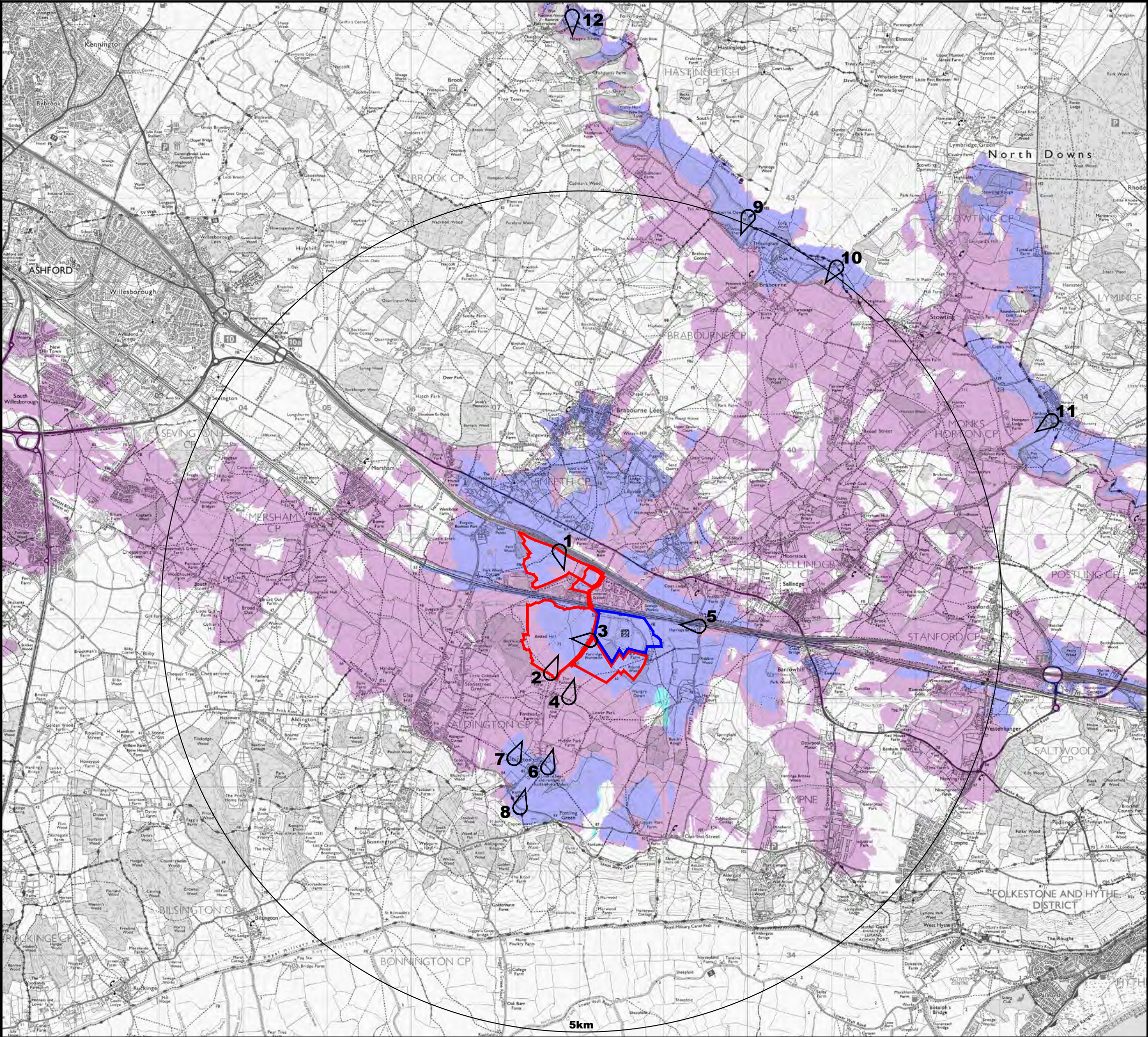
Drawn by:

Checked by:

Date:

BJD

16-12-21



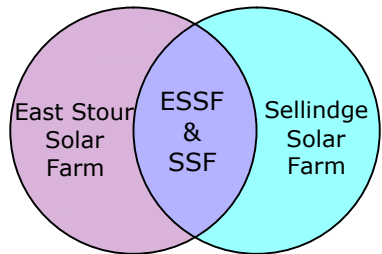
Project:

East Stour Solar Farm



- Key:
- East Stour application boundary - (proposed) 3.0m solar panel height
 - Sellindge Solar Farm - (operational) 2.6m solar panel height

Theoretical visibility of:



1 Viewpoint location

- Notes:
- CZTV, generated 17th December 2021.
 - Predicted visibility is for observer eye level 2m above ground level.
 - The analysis does not take into account the screening effects of vegetation, buildings or other surface features.
 - Created using Ordnance Survey digital 5m terrain data.
 - Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.

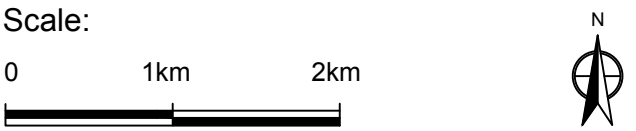
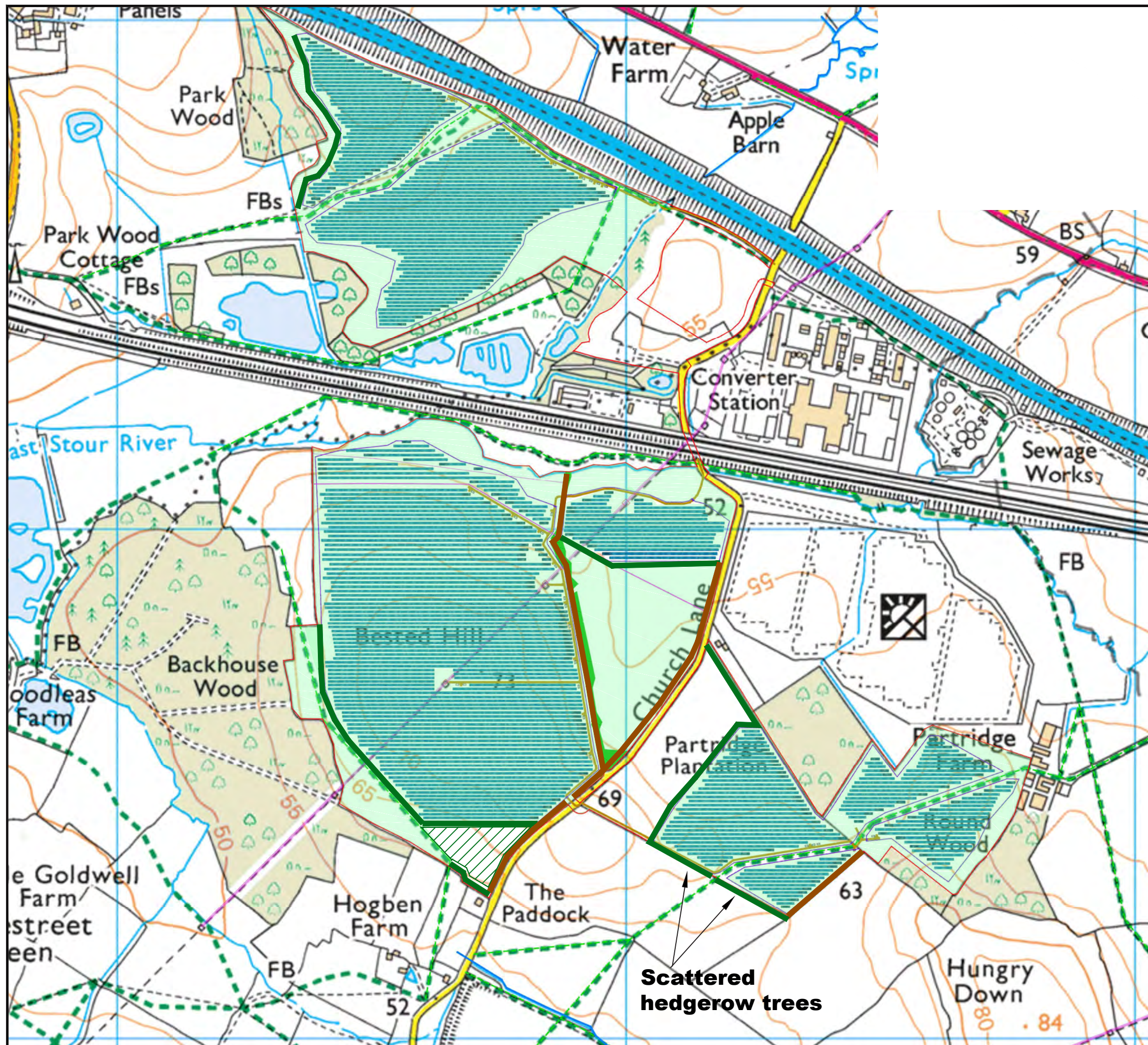


Figure 11.8
Cumulative ZTV with Sellindge Solar Farm

Drawn by: BJD
Checked by:
Date: 17-12-21



Project: **East Stour Solar Farm**



- Key:
- Application boundary
 - New hedgerow
 - ▨ New low density native tree planting
 - ▨ Existing field boundary improvements (where necessary)
 - ▨ Wildflower / grassland / riparian mix planting

- Notes:
1. Reproduced from Ordnance Survey digital map data © Crown copyright 2021. All rights reserved. Licence number 100053544.

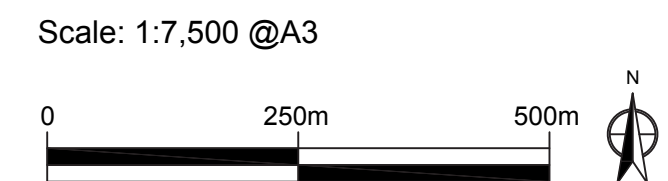
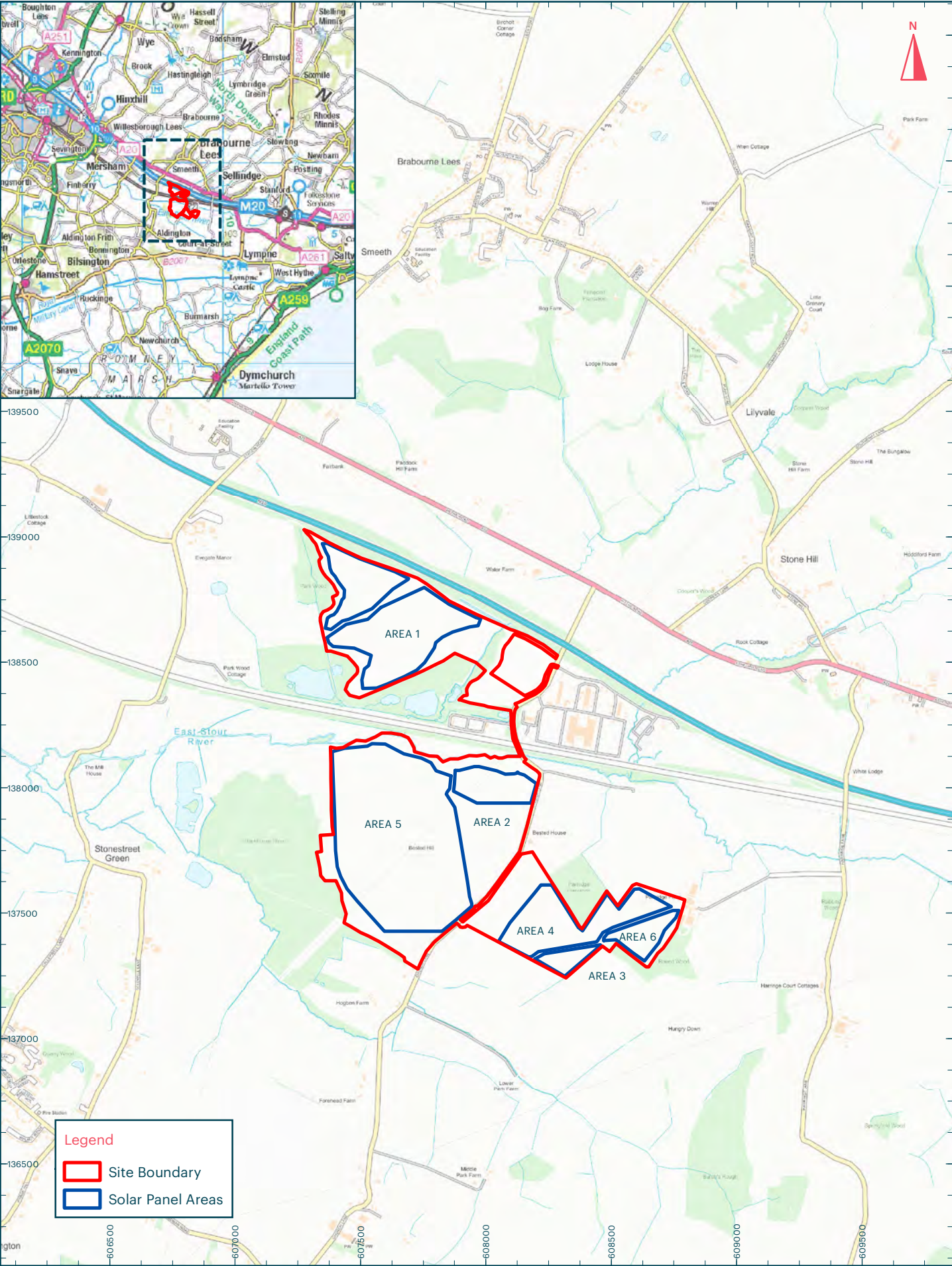


Figure 11.9
Mitigation Proposals Plan

Drawn by: BJD
Checked by:
Date: 19-12-21



Title:

Figure 12.1: Site Location

Address:

Sellindge Solar Farm

Scale at A4: 1:20,000

0

500m

orion.