A3

Anticipated maximum FFL of Conversion Units on Solar Development Site 1 is +1m above ground level; where not practical, layouts will be refined to avoid flood-affected areas

Solar Development Site 1

Order Limits
Solar Panel Area
Solar Development Site Construction Compounds
Solar Panels Concrete Feet or Other Non-ground Penetrative Techniques
Conversion Units
Substation
Flood Affected ICUs (including Credible Maximum Scenario)

2017 Lower Aire Study Model (Arthian 2025 Update) (Design Event)

Flood Depth (m)

0 - 0.1
0.1 - 0.3
0.3 - 0.5
0.5 - 1.0
1.0 - 1.5
>1.5

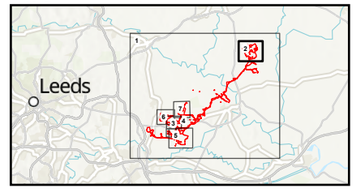
2018 Lower Ouse and Wharfe Washlands Study (Arthian 2025 Update) (Design Event)

Flood Depth (m)

0 - 0.1
0.1 - 0.3
0.3 - 0.5
0.5 - 1.0
1.0 - 1.5
>1.5

This drawing shows an illustrative layout plan and represents only one example of how the Proposed Development could be developed. The final siting of features will be confirmed at the detailed design stage.

Coordinate System: British National Grid



Metres
0 450

Rev	Date	By	Chkd	Appd	Authd
P01	09/09/2026	RBUR	MJON	KHAR	ALAR

Light Valley Solar

Drawing Title

Figure 15.27
Design Flood Extents with Site Layout
Sheet Number 1 of 7

Client

Light Valley Solar Limited

Project Name

Light Valley Solar

Scale at A3

1:14,000

Project Number

302939-00

Rev

P01

Drawing Number

EN0110012/APP/LVS/06.02.15.27

Note
The flood data shown is derived from site-specific model updates completed by Arthian (2025). Legend titles retain the original model naming conventions (2018 Lower Ouse and Wharfe Washlands Study / 2017 Lower Aire Study Model) for consistency with the source datasets.

A3

Solar Development Site 6

Solar Development Site 2

Milford Lodge
Parish Croft Bridge
Common
Owlett Hall
Common Lane
Common Drain
Fryston Grange
Hagg Bush Farm
Hambleton Common
Siddle Farm House
Fryston Common
Lane
Fox Bridge
Fox Lane
Brecks Wood
MP
Causeway Dike
Green Lane Farm
Lowfield Road
Brecks Farm
Ashfield
Austfield Lane
Old La
Main Drain
52
53
54
63

Order Limits
Solar Panel Area
Solar Development Site Construction Compounds
Solar Panels Concrete Feet or Other Non-ground Penetrative Techniques
Conversion Units
BESS Area
Substation
Flood Affected ICUs (including Credible Maximum Scenario)

2017 Lower Aire Study Model (Arthian 2025 Update) (Design Event)

Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- >1.5

2018 Lower Ouse and Wharfe Washlands Study (Arthian 2025 Update) (Design Event)

Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- >1.5

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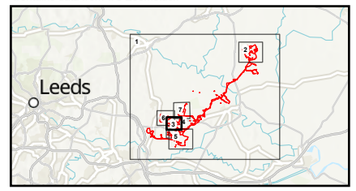
Coordinate System: British National Grid



Metres

0 — 450

Rev	Date	By	Chkd	Appd	Authd
P01	09/09/2026	RBUR	MJON	KHAR	ALAR

Light Valley Solar

Drawing Title

Figure 15.27
Design Flood Extents with Site Layout
Sheet Number 2 of 7

Client

Light Valley Solar Limited

Project Name

Light Valley Solar

Scale at A3

1:9,000

Project Number	Rev
302939-00	**P01**

Drawing Number

EN0110012/APP/LVS/06.02.15.27

Note
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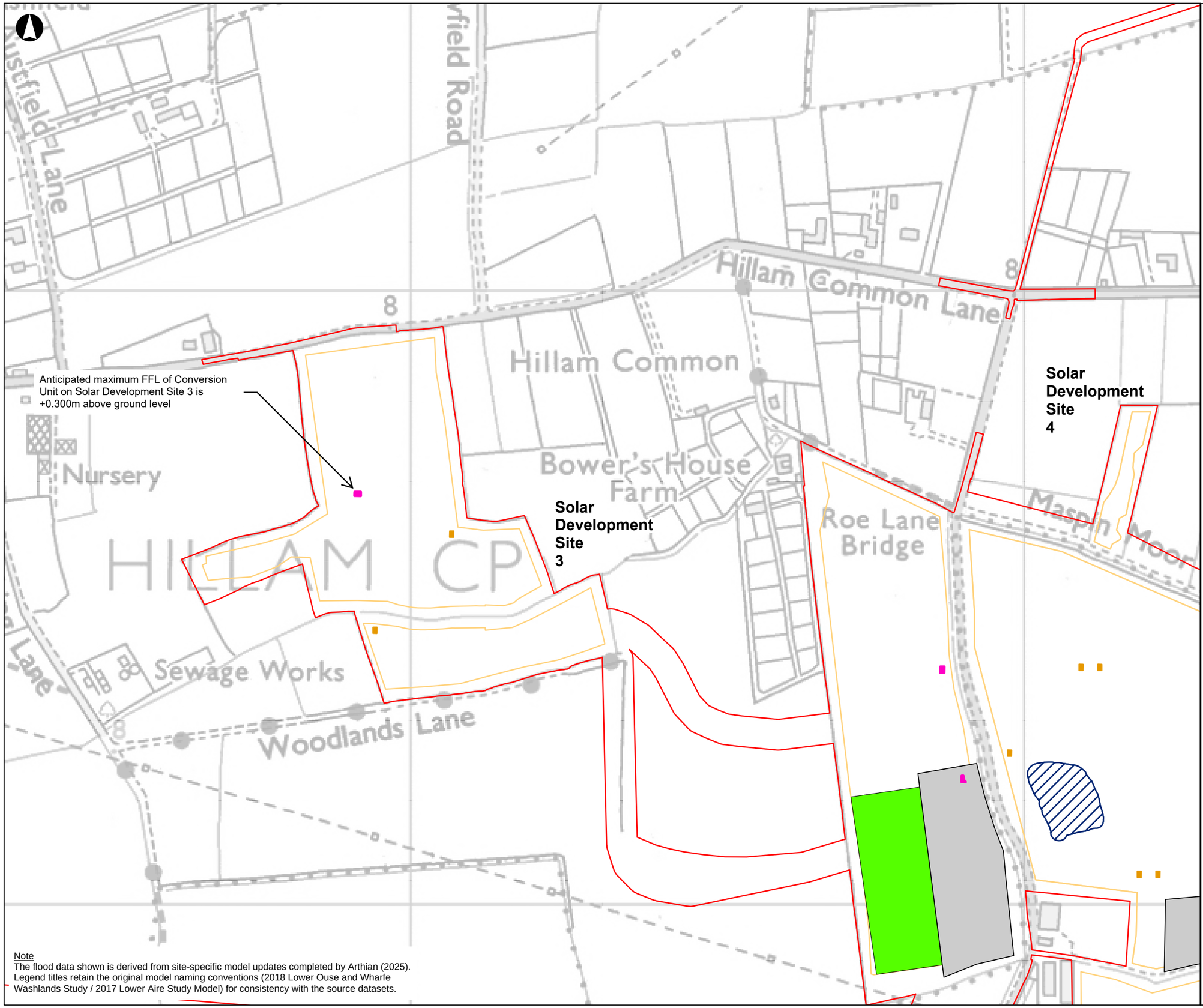
A3



Order Limits
Solar Panel Area
Solar Development Site Construction Compounds
Solar Panels Concrete Feet or Other Non-ground Penetrative Techniques
Conversion Units
Substation
Flood Affected ICUs (including Credible Maximum Scenario)

2017 Lower Aire Study Model (Arthian 2025 Update) (Design Event)

Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- >1.5

2018 Lower Ouse and Wharfe Washlands Study (Arthian 2025 Update) (Design Event)

Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- >1.5

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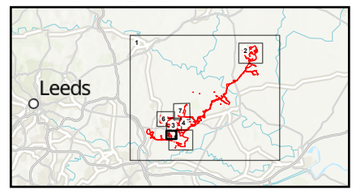
Coordinate System: British National Grid



Rev	Date	By	Chkd	Appd	Authd
P01	09/09/2026	RBUR	MJON	KHAR	ALAR

Light Valley Solar

Drawing Title

Figure 15.27
Design Flood Extents with Site Layout
Sheet Number 3 of 7

Client

Light Valley Solar Limited

Project Name

Light Valley Solar

Scale at A3

1:6,000

Project Number **302939-00**

Rev **P01**

Drawing Number

EN0110012/APP/LVS/06.02.15.27

Note
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A3

Solar Development Site 3

Solar Development Site 4

Anticipated maximum FFL of 275 kV substation on Solar Development Site 4 is +0.386m above ground level

Anticipated maximum FFL of Conversion Units on Solar Development Site 4 is +0.660m above ground level

Note
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- Order Limits
- Solar Panel Area
- Solar Development Site Construction Compounds
- Cable Construction Compounds
- Solar Panels Concrete Feet or Other Non-ground Penetrative Techniques
- Conversion Units
- Substation
- Flood Affected ICUs (including Credible Maximum Scenario)

2017 Lower Aire Study Model (Arthian 2025 Update) (Design Event)

Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- >1.5

2018 Lower Ouse and Wharfe Washlands Study (Arthian 2025 Update) (Design Event)

Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- >1.5

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Coordinate System: British National Grid

Leeds

Metres
0 — 450

Rev	Date	By	Chkd	Appd	Authd
P01	09/09/2026	RBUR	MJON	KHAR	ALAR

Light Valley Solar

Drawing Title
Figure 15.27
Design Flood Extents with Site Layout
Sheet Number 4 of 7

Client
Light Valley Solar Limited

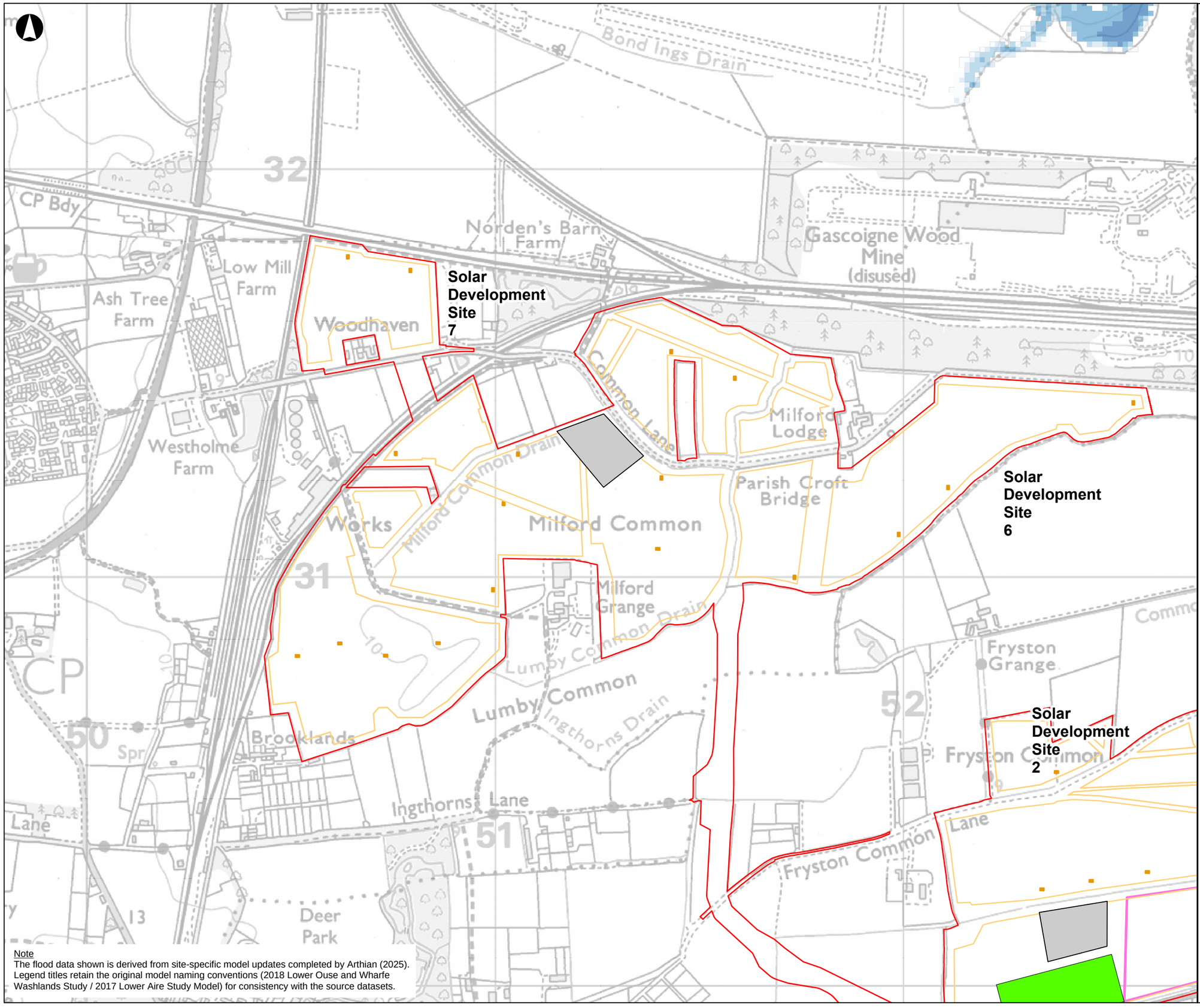
Project Name
Light Valley Solar

Scale at A3
1:14,000

Project Number
302939-00

Rev
P01

Drawing Number
EN0110012/APP/LVS/06.02.15.27



Note
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A3

- Order Limits
- Solar Panel Area
- Solar Development Site Construction Compounds
- Conversion Units
- BESS Area
- Substation
- Flood Affected ICUs (including Credible Maximum Scenario)

2017 Lower Aire Study Model (Arthian 2025 Update) (Design Event)

Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- >1.5

2018 Lower Ouse and Wharfe Washlands Study (Arthian 2025 Update) (Design Event)

Flood Depth (m)

- 0 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- >1.5

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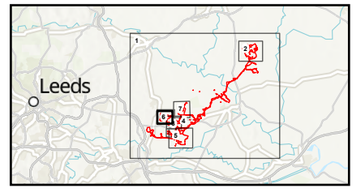
Coordinate System: British National Grid



Metres

0 — 450

Rev	Date	By	Chkd	Appd	Authd
P01	09/09/2026	RBUR	MJON	KHAR	ALAR

Light Valley Solar

Drawing Title

Figure 15.27
Design Flood Extents with Site Layout
Sheet Number 5 of 7

Client

Light Valley Solar Limited

Project Name

Light Valley Solar

Scale at A3

1:9,000

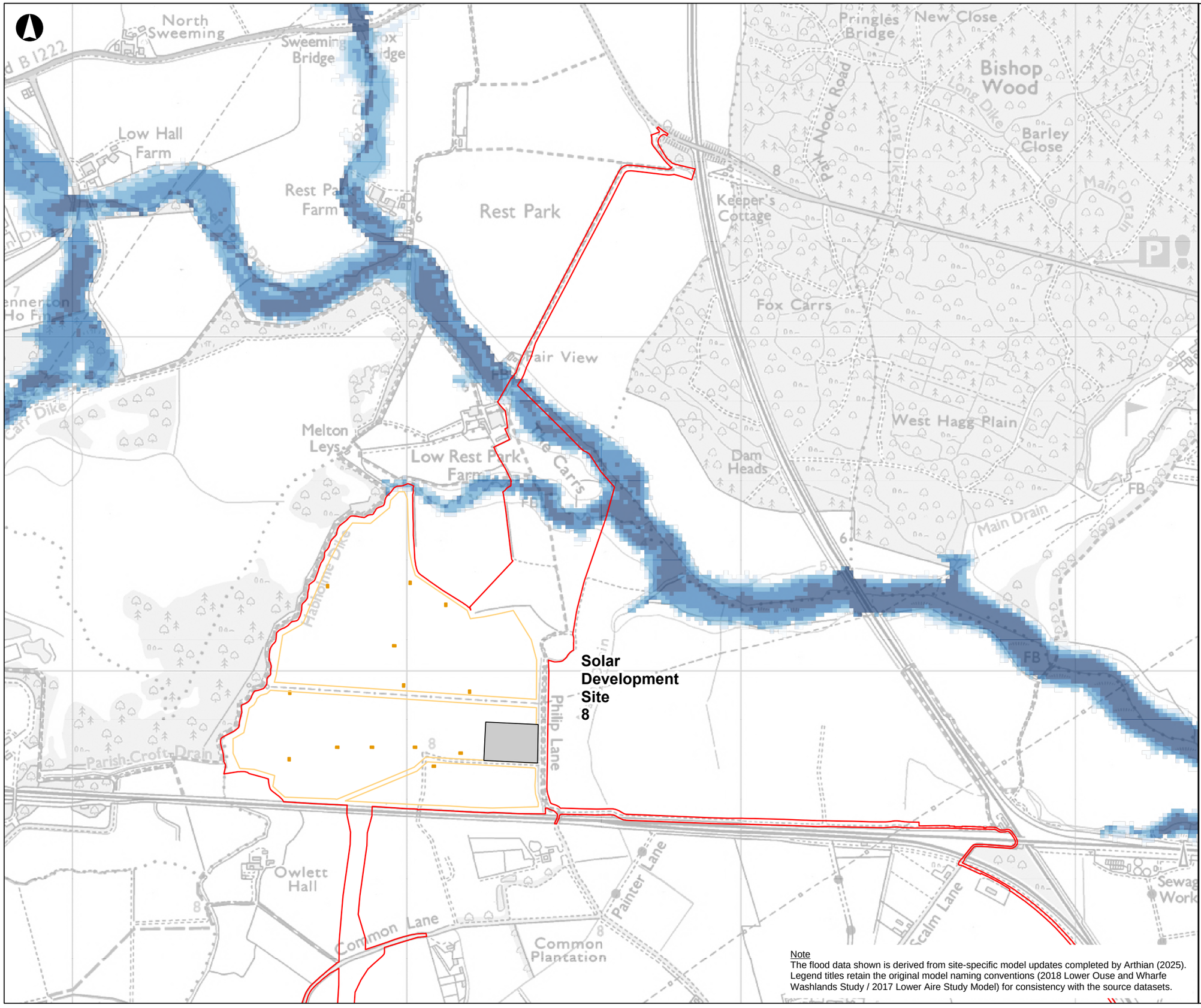
Project Number **302939-00**

Rev **P01**

Drawing Number

EN0110012/APP/LVS/06.02.15.27

A3



Order Limits
Solar Panel Area
Solar Development Site Construction Compounds
Conversion Units
Flood Affected ICUs (including Credible Maximum Scenario)

2017 Lower Aire Study Model (Arthian 2025 Update) (Design Event)

Flood Depth (m)

0 - 0.1
0.1 - 0.3
0.3 - 0.5
0.5 - 1.0
1.0 - 1.5
>1.5

2018 Lower Ouse and Wharfe Washlands Study (Arthian 2025 Update) (Design Event)

Flood Depth (m)

0 - 0.1
0.1 - 0.3
0.3 - 0.5
0.5 - 1.0
1.0 - 1.5
>1.5

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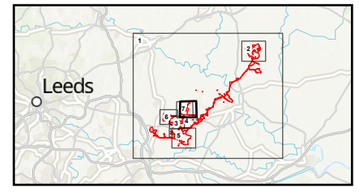
Coordinate System: British National Grid



Rev	Date	By	Chkd	Appd	Authd
P01	09/09/2026	RBUR	MJON	KHAR	ALAR

Light Valley Solar

Drawing Title

Figure 15.27
Design Flood Extents with Site Layout
Sheet Number 6 of 7

Client

Light Valley Solar Limited

Project Name

Light Valley Solar

Scale at A3

1:11,000

Project Number

302939-00

Rev

P01

Drawing Number

EN0110012/APP/LVS/06.02.15.27

Note
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