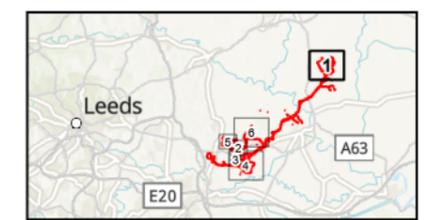


- Order Limits
- Solar Development Site Construction Compounds
- Substations
- BESS
- Main Rivers
- Spatial Flood Defences

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

- Velocity m/s
- 0 - 0.1
  - 0.1 - 0.2
  - 0.2 - 0.3
  - 0.3 - 0.4
  - 0.4 - 0.5
  - 0.5 - 1
  - 1 - 2

Coordinate System: British National Grid  
 © Arthian 2025  
 Contains OS data © Crown Copyright and database right 2026  
 Contains data from OS Zoomstack, Esri, Ordnance Survey, NASA, NGA, USGS, Esri UK, Esri, TomTom, Garmin, FAO, MET/NASA, USGS



P01	30/01/2026	RBUR	ACAR	MJON	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title  
**Figure 15.17**  
**Credible Maximum Scenario - Velocity**  
**Sheet Number 1 of 6**

Client  
**Light Valley Solar Limited**

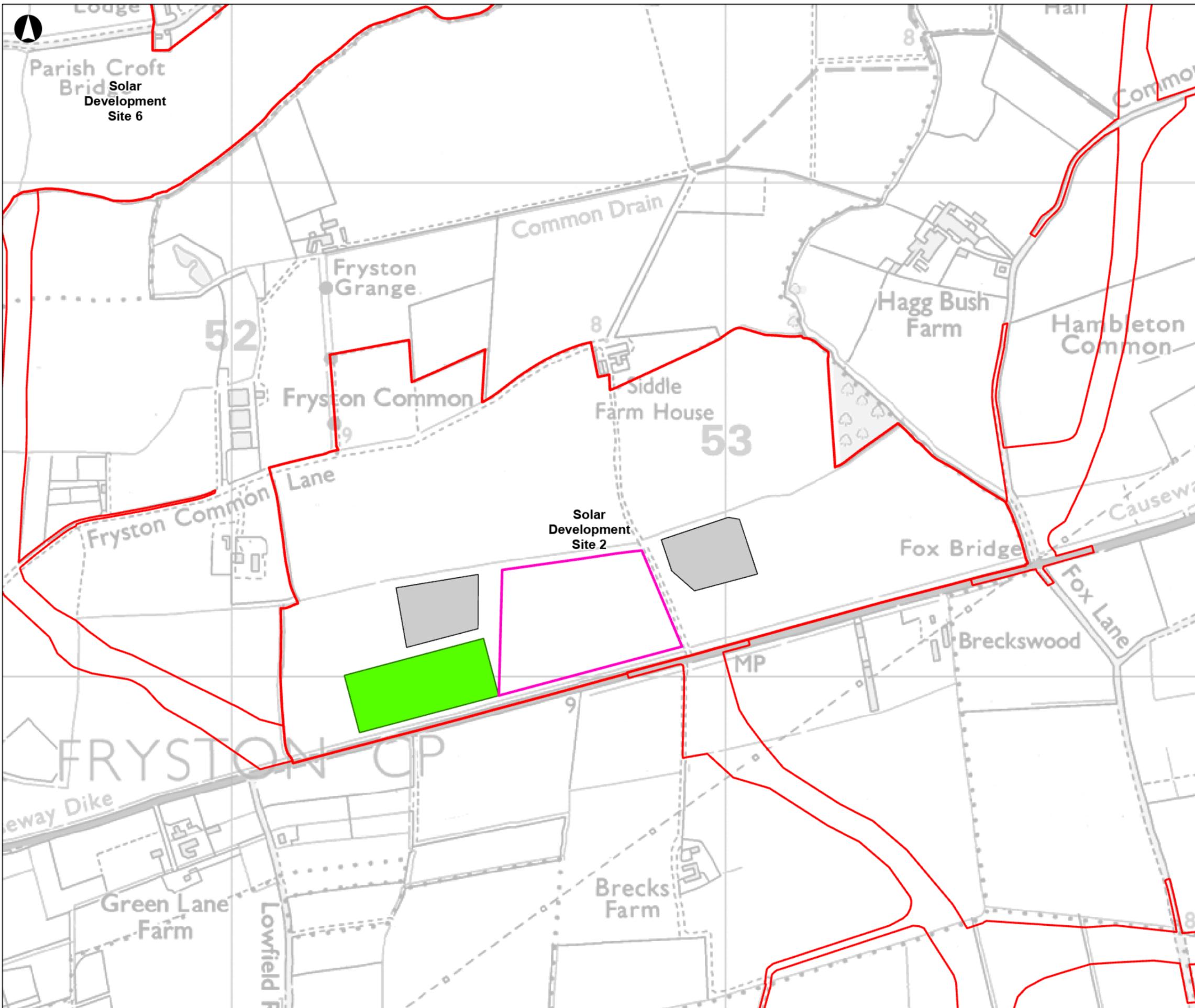
Project Name  
**Light Valley Solar**

Scale at A3  
**1:15,000**

Project Number  
**302939-00**

Rev  
**P01**

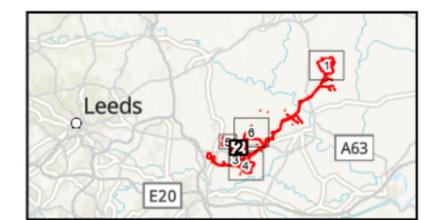
Drawing Number  
**EN0110012/APP/LVS/06.02.15.17.01**



- Order Limits
- Solar Development Site  
Construction Compounds
- Substations
- BESS
- Main Rivers
- Spatial Flood Defences



Coordinate System: British National Grid  
 © Arthian 2025  
 Contains OS data © Crown Copyright and database right 2026  
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, MET/NASA, USGS



P01	30/01/2026	RBUR	ACAR	MJON	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title  
**Figure 15.17**  
**Credible Maximum Scenario - Velocity**  
**Sheet Number 2 of 6**

Client  
**Light Valley Solar Limited**

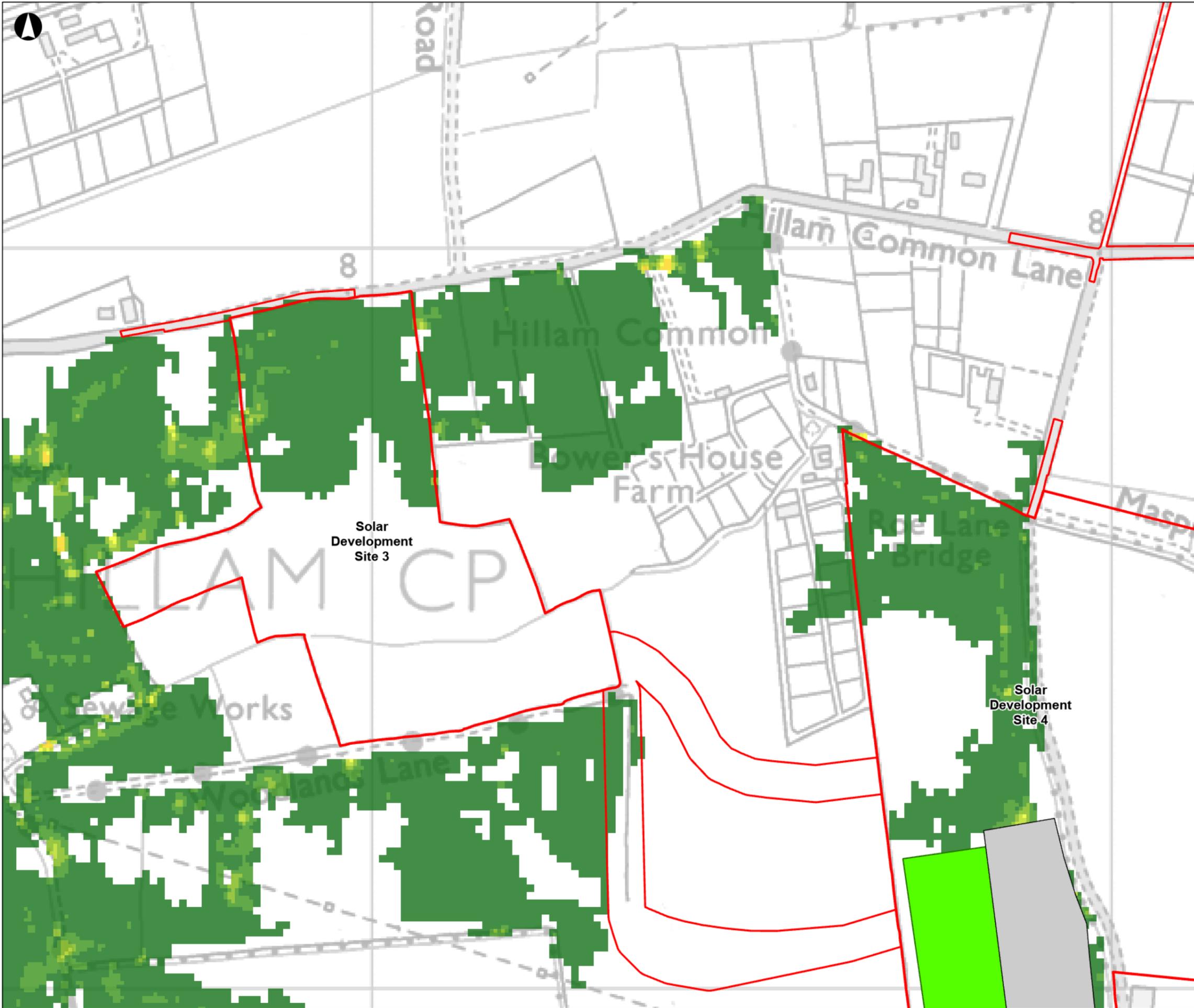
Project Name  
**Light Valley Solar**

Scale at A3  
**1:7,500**

Project Number  
**302939-00**

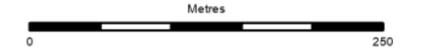
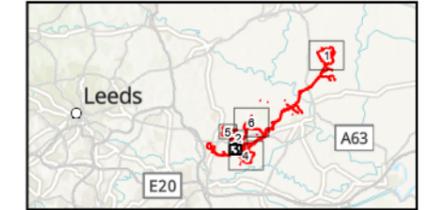
Rev  
**P01**

Drawing Number  
**EN0110012/APP/LVS/06.02.15.17.02**



- Order Limits
  - Solar Development Site  
Construction Compounds
  - Substations
  - BESS
  - Main Rivers
  - Spatial Flood Defences
- 2017 Lower Aire Study Model  
(Arthian 2025 Update)**
- Velocity m3/s
- 0 - 0.1
  - 0.1 - 0.2
  - 0.2 - 0.3
  - 0.3 - 0.4
  - 0.4 - 0.5
  - 0.5 - 1

Coordinate System: British National Grid  
 © Arthian 2025  
 Contains OS data © Crown Copyright and database right 2026  
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, MET/NASA, USGS



P01	30/01/2026	RBUR	ACAR	MJON	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title  
**Figure 15.17  
 Credible Maximum Scenario - Velocity  
 Sheet Number 3 of 6**

Client  
**Light Valley Solar Limited**

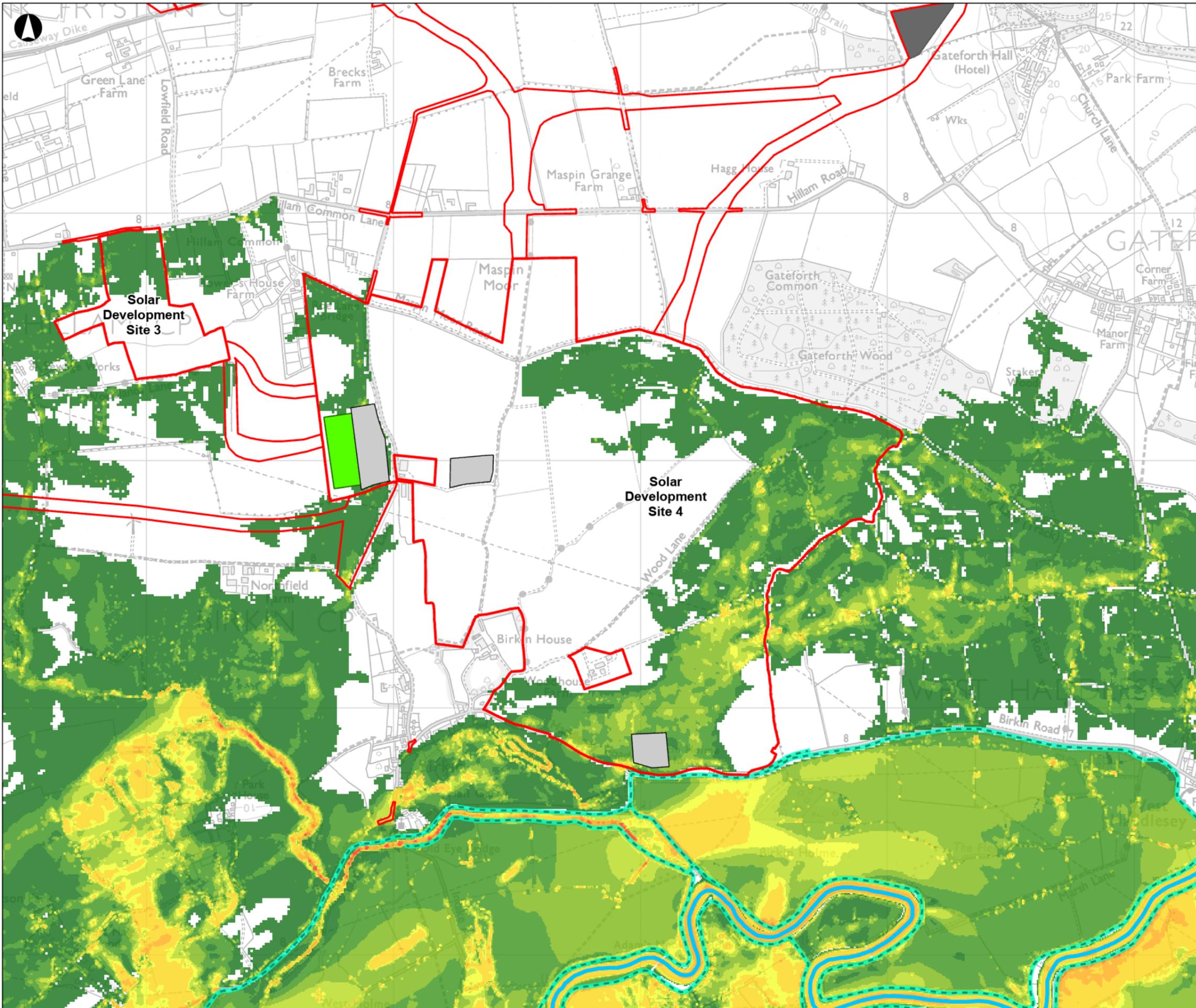
Project Name  
**Light Valley Solar**

Scale at A3  
**1:5,000**

Project Number  
**302939-00**

Drawing Number  
**EN0110012/APP/LVS/06.02.15.17.03**

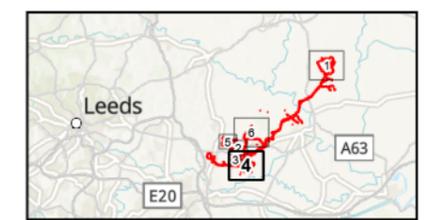
Rev  
**P01**



- Order Limits
  - Solar Development Site Construction Compounds
  - Substations
  - BESS
  - Cable Construction Compounds
  - Main Rivers
  - Spatial Flood Defences
- 2017 Lower Aire Study Model (Arthian 2025 Update)**
- Velocity m3/s
- 0 - 0.1
  - 0.1 - 0.2
  - 0.2 - 0.3
  - 0.3 - 0.4
  - 0.4 - 0.5
  - 0.5 - 1
  - 1 - 2
  - 2 - 3
  - >3

Coordinate System: British National Grid

© Arthian 2025  
 Contains OS data © Crown Copyright and database right 2026  
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, MET/NASA, USGS



P01	30/01/2026	RBUR	ACAR	MJON	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title  
**Figure 15.17  
 Credible Maximum Scenario - Velocity  
 Sheet Number 4 of 6**

Client  
**Light Valley Solar Limited**

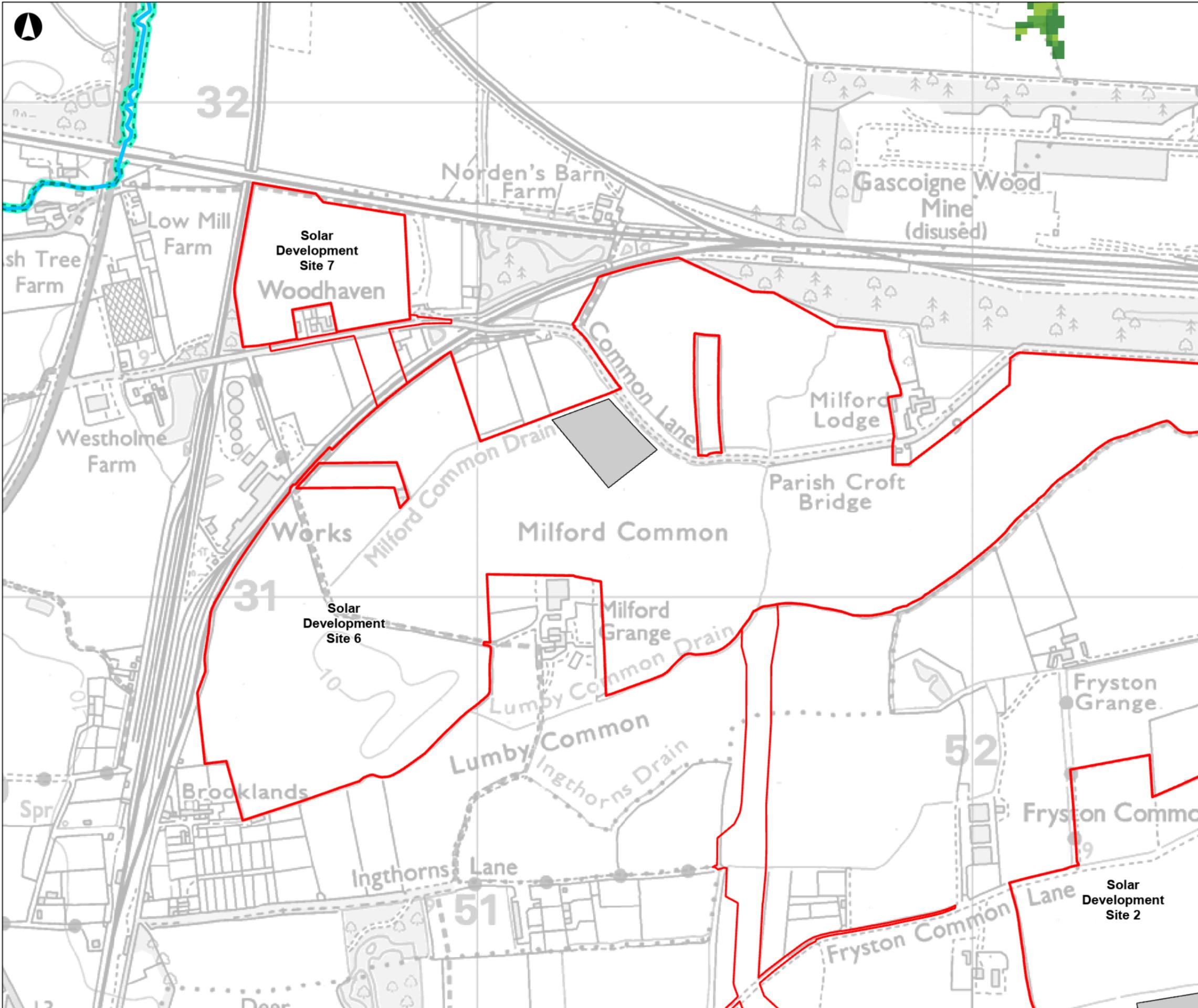
Project Name  
**Light Valley Solar**

Scale at A3  
**1:15,000**

Project Number  
**302939-00**

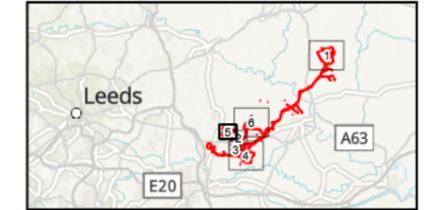
Rev  
**P01**

Drawing Number  
**EN0110012/APP/LVS/06.02.15.17.04**



- Order Limits
  - Solar Development Site  
Construction Compounds
  - Substations
  - BESS
  - Main Rivers
  - Spatial Flood Defences
- 2018 Lower Ouse and Wharfe Washlands Study (Arithian 2025 Update)**
- Velocity m3/s
- 0 - 0.1
  - 0.1 - 0.2
  - 0.2 - 0.3
  - 0.3 - 0.4

Coordinate System: British National Grid  
 © Arthian 2025  
 Contains OS data © Crown Copyright and database right 2026  
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, MET/NASA, USGS



Metres

0 250

P01	30/01/2026	RBUR	ACAR	MJON	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title  
**Figure 15.17**  
**Credible Maximum Scenario - Velocity**  
**Sheet Number 5 of 6**

Client  
**Light Valley Solar Limited**

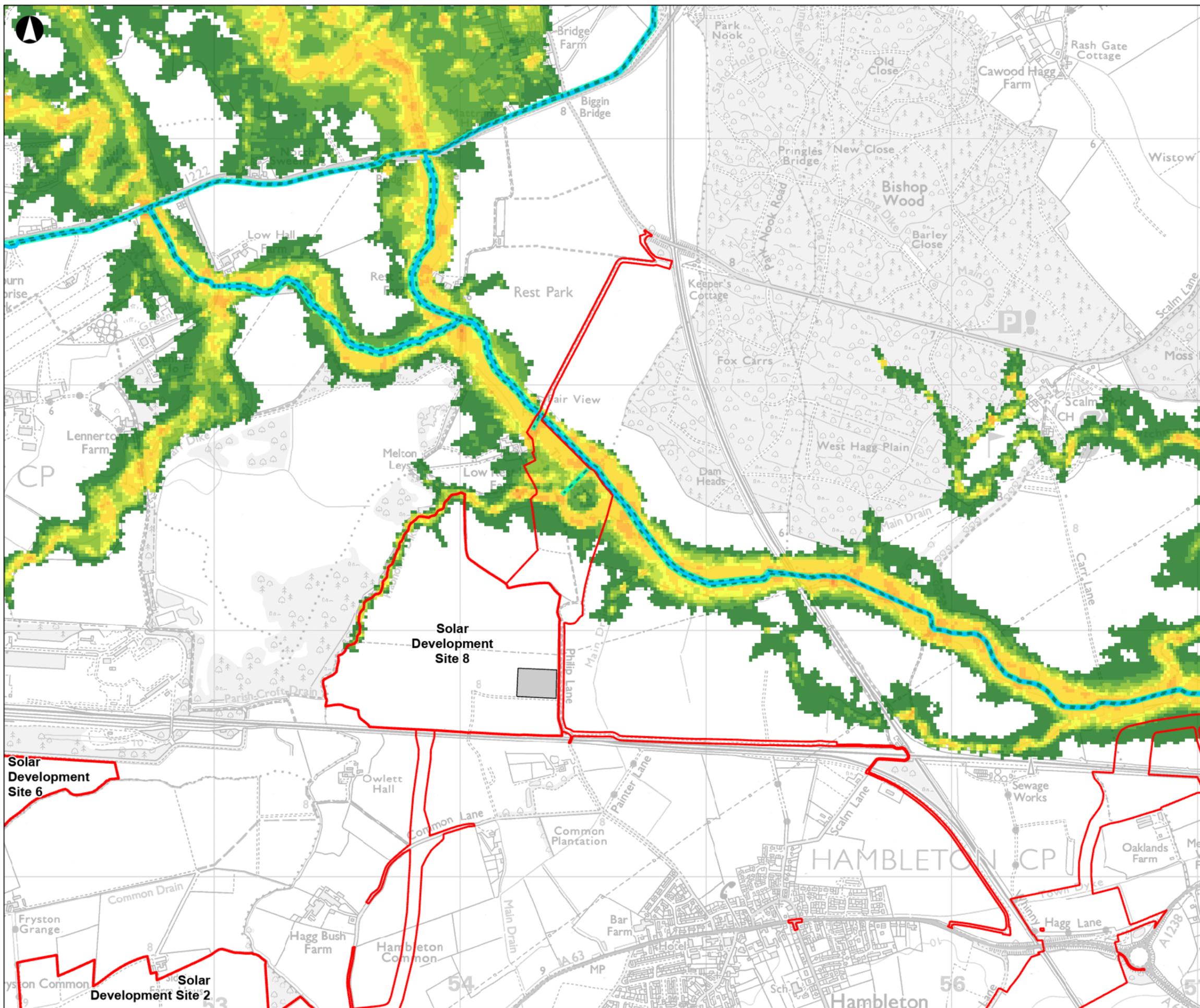
Project Name  
**Light Valley Solar**

Scale at A3  
**1:7,500**

Project Number  
**302939-00**

Rev  
**P01**

Drawing Number  
**EN0110012/APP/LVS/06.02.15.17.05**



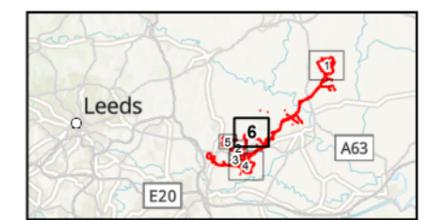
- Order Limits
- Solar Development Site
- Construction Compounds
- Substations
- BESS
- Main Rivers
- Spatial Flood Defences

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

- Velocity m3/s
- 0 - 0.1
  - 0.1 - 0.2
  - 0.2 - 0.3
  - 0.3 - 0.4
  - 0.4 - 0.5
  - 0.5 - 1
  - 1 - 2
  - 2 - 3

Coordinate System: British National Grid

© Arthian 2025  
 Contains OS data © Crown Copyright and database right 2026  
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS



P01	30/01/2026	RBUR	ACAR	MJON	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title  
**Figure 15.17**  
**Credible Maximum Scenario - Velocity**  
**Sheet Number 6 of 6**

Client  
**Light Valley Solar Limited**

Project Name  
**Light Valley Solar**

Scale at A3  
**1:15,000**

Project Number  
**302939-00**

Rev  
**P01**

Drawing Number  
**EN0110012/APP/LVS/06.02.15.17.06**