



Botley West Solar Farm

Environmental Statement

Volume 3

Appendix 12.8: Accesses and highway drawings

November 2024

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Approval for issue

Jonathan Alsop

15 November 2024

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Glossary

Term	Meaning
Abnormal Indivisible Loads (AIL)	Loads or vehicles that exceed maximum vehicle weight, axle weight or dimensions as set out in the Road Vehicles (Construction and Use) Regulations 1986 as amended.
Environmental Statement	The document presenting the results of the Environmental Impact Assessment process.
Heavy Goods Vehicle (HGV)	A lorry with a gross weight exceeding 7.5 tonnes.
Study Area	This is an area which is defined for each environmental topic which includes the Order Limits as well as potential spatial and temporal considerations of the impacts on relevant receptors. The study area for each topic is intended to cover the area within which an impact can be reasonably expected.
The Applicant	SolarFive Ltd
The Project	The Botley West Solar Farm
The Site or Order Limits	The area of land encompassing the Project development and shown on the Site Location and Order Limits plan (Volume 2, Figure 1.1 of the ES [EN010147/APP/6.4]).

Abbreviations

Abbreviation	Meaning
AIL	Abnormal Indivisible Load
DMRB	Design Manual for Roads and Bridges
ES	Environmental Statement
HGV	Heavy Goods Vehicles
PVDP	Photovolt Development Partners GmbH

Units

Unit	Description
m	Metre
mph	Miles per Hour

1 Accesses and highway drawings

1.1 Accesses and highway drawings

1.1.1 This Appendix of the Environmental Statement (ES) has been prepared by RPS on behalf of Photovolt Development Partners GmbH. (PVDP) for the Applicant, SolarFive Ltd. (SolarFive). This Appendix supports Volume 1, Chapter 12: Traffic and transport of the ES [EN010147/APP/6.3].

1.1.2 This Appendix presents the accesses and highway drawings (save for those access drawings that relate to the temporary construction compounds that are presented in the Site Construction Compound Accesses drawings [EN010147/APP/7.3.1]) proposed to facilitate the vehicles generated by the Project and which have informed the assessments presented in Volume 1, Chapter 12: Traffic and transport of the ES.

1.1.3 **Appendix A1** presents the location of all accesses. **Table 1.1** provides a description of each access and sets out the visibility criteria for each and **Appendix A2** presents the highway drawings for each (save for those access drawings that relate to the temporary construction compounds that are presented in the Site Construction Compound Accesses drawings [EN010147/APP/7.3.1]).

1.1.4 The visibility for each access has been defined based upon the following:

- For roads with a speed limit of more than 40mph, adopt visibility splays based upon the criteria set out in the Design Manual for Roads and Bridges (DMRB) CD 109 Highway link design;
 - 70mph = 2.4m x 295m;
 - 60mph = 2.4m x 215m;
 - 50mph = 2.4m x 160m;
- For roads with a speed limit of up to and including 40mph, adopt visibility splays based upon the criteria set out in Manual for Streets 2;
 - 40mph = 2.4m x 82m;
 - 30mph = 2.4m x 43m;
 - 20mph = 2.4m x 25m; and
- Minimise hedgerow loss by adopting traffic management measures (by way of temporary reduced speed limits) if the provision of requisite visibility splays results in additional hedgerow and tree loss (in comparison to such loss as a result of any widening to facilitate vehicles turning in and out of the access).

1.1.5 The geometries of each access have been defined based upon the following:

- For all compounds, allow for two-way simultaneous articulated HGV movements such that they remain on their own side of the highway at all times; and

- For all other accesses (due to low daily HGV and tractor and trailer movements), allow for articulated HGV movements (and tractor and trailer movements) to utilise the whole of the internal access track so as to minimise hedgerow loss (as a result of widening to facilitate vehicles turning in and out of the access).

Table 1.1: Access Descriptions

Area	Gate / HDD-Access	Also Access for	Access to	Name of road	Speed limit (mph)	Drawing No.	Comment	Visibility splay 'Y' distance (m)
South	1	Gate 9, 10	PCS Distribution	B4017 / Cumnor Road	60	prj-01-1037	TTRO: speed limit of 40mph	82m
Middle_2	2	HDD Access 5.2, HDD Access 12.1	Secondary Substation 2	Lower Road	60	prj-01-1019	Access for AILs only	N/A
Middle_1	3	Gate 41, 42, 129, HDD Access 4.1, HDD Access 3.2, HDD Access 9.2, HDD Access 11.2	PCS Distribution, HDD Compound	Burleigh Road	60	prj-01-1012	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T (except for access) weight restriction	82m
Middle_1	4	Gate 55, 56, 57, 58, 58.1, 59, 60, 61, 63, 63.1, 63.2, 63.3, 63.4, 64, 64.1, 64.2, 64.3, 64.4, 105, 104, 106, 106.1, 106.2, 107, 107.1, 107.2, 107.3, 107.4, 108, 109, 109.1, 109.2, 110, 111, 111.1, 111.2, 112, 131, 132, 136, HDD Access 11.1	Secondary Substation 4, Construction Compound, PCS Distribution	A44	70	EN010147/APP/7.3.1		295m
North	5	Gate 66.1, 66.2, 67, 68, 113, HDD Access 10.1	PCS Distribution	Banbury Road	60	prj-01-1038	TTRO: speed limit of 40mph	82m
North	6	Gate 78, 79, 80, 81, 114, 115, 115.1, 115.2, 117, 119, 120, 121, 122, 122.1, 122.2, 122.3, 122.4, 123, 124, HDD Access 1.1	Secondary Substation 6, Construction Compound, PCS Distribution, HDD Compound	A4260	60	EN010147/APP/7.3.1		215m
South	7	Gate 11, 12, 13, 14, 85, 86, 86.1, 86.2	Construction Compound, PCS Distribution	B4017 / Cumnor Road	60	EN010147/APP/7.3.1	TTRO: speed limit of 40mph	82m

Area	Gate / HDD-Access	Also Access for	Access to	Name of road	Speed limit (mph)	Drawing No.	Comment	Visibility splay 'Y' distance (m)
South	To Gate 8	Gate 44	PVDP Main Substation, Secondary Substation 1	B4017 / Cumnor Road	60	prj-01-1030	TTRO: speed limit of 40mph	82m
Middle_2	To Gate 18	Gate 133, 138, HDD Access 5.1	Construction Compound, PCS Distribution	Lower Road	60	EN010147/APP/7.3.1	TTRO: speed limit of 40mph	82m
Middle_2	23		PCS Distribution	Lower Road	60	prj-01-1003	TTRO: speed limit of 40mph	82m
Middle_2	25	Gate 24	PCS Distribution	Lower Road	60	prj-01-1008	TTRO: speed limit of 40mph	82m
Middle_2	26		Solar field	Lower Road	60	prj-01-1010	TTRO: speed limit of 40mph	82m
Middle_2	34	Gate 27, 28, 28.1, 28.2, 28.3, 28.4, 30, 31, 84, 87, 87.1, 87.2, 88, 89, 90, 90.1, 91, 97 126, 135	PCS Distribution	Burleigh Road	60	prj-01-1013	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T (except for access) weight restriction	82m
Middle_2	35		Secondary Substation	Burleigh Road	60	prj-01-1033	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T (except for access) weight restriction	82m (note this is an ingress only for transformer delivery)
Middle_1	36		PCS Distribution	Burleigh Road	60	prj-01-1011	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T (except for access) weight restriction	82m
Middle_1	37		PCS Distribution	Burleigh Road	60	prj-01-1021	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T (except for access) weight restriction	82m

Area	Gate / HDD-Access	Also Access for	Access to	Name of road	Speed limit (mph)	Drawing No.	Comment	Visibility splay 'Y' distance (m)
Middle_1	38	Gate 39, 101, 102, HDD Access 3.1	PCS Distribution	Cassington Road	60	prj-01-1017	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T (except for access) weight restriction	82m
Middle_1	40	Gate 40.1, 40.2	PCS Distribution	Cassington Road	60	prj-01-1020	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T (except for access) weight restriction	82m
Middle_2	43	Gate 99, 100	PCS Distribution	Lower Road	60	prj-01-1036	TTRO: speed limit of 40mph	82m
Middle_2	To Gate 47	Gate 46, 48, 48.1, 48.2, 49, 50, 51, 52, HDD Access 8.1., HDD Access 8.2, HDD Access 9.1	PCS Distribution	Yarnton Road	40	prj-01-1023	TTRO: lift a section of the 7.5T (except for access) weight restriction	82m
Middle_1	65		Solar Field	Langford Ln	60	prj-01-1015	Vehicle merges into stationary traffic at traffic signal stop line	
North	69	HDD Access 7.2	PCS Distribution	Banbury Road	60	prj-01-1016	TTRO: speed limit of 40mph	82m
North	70	Gate 71, 73, HDD Access 7.1	PCS Distribution	Stratford Ln	60	prj-01-1009	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T weight restriction	82m
North	72	Gate 74, 75	PCS Distribution	Stratford Ln	60	prj-01-1018	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T weight restriction	82m
North	76		PCS Distribution	B4027	60	prj-01-1022	TTRO: speed limit of 40mph. Vehicle egress only	82m
North	134		PCS Distribution	B4027	60	prj-01-1040	TTRO: speed limit of 40mph. Vehicle ingress only	N/A

Area	Gate / HDD-Access	Also Access for	Access to	Name of road	Speed limit (mph)	Drawing No.	Comment	Visibility splay 'Y' distance (m)
Middle_2	95	Gate 19, 20, 96	PCS Distribution	Lower Road	60	prj-01-1027	TTRO: speed limit of 40mph	82m
North	113		PCS Distribution	Banbury Road	60	prj-01-1039	TTRO: speed limit of 40mph	82m
North	113		Secondary substation 5	Banbury Road	60	prj-01-1034	TTRO: speed limit of 40mph	82m
North	HDD Access 1.2		HDD Compound	B4027	60	prj-01-1004	TTRO: speed limit of 40mph	82m
Middle_1	HDD Access 2.1		HDD Compound	A4095	50	prj-01-1024		215m
Middle_1	HDD Access 2.2		HDD Compound	A4095 Grove Road	30	prj-01-1035		43m
Middle_2	To Gate 94	Gate 32, 32.1, 32.2, 33, 94.1, 94.2, 94.3, 94.4, 94.5 HDD Access 4.2	PCS Distribution, HDD Compound	Burleigh Road	60	prj-01-1025	TTRO: speed limit of 40mph. TTRO: lift a section of the 7.5T (except for access) weight restriction	82m
South	HDD Access 6.1 A		HDD Compound	Cassington Road	30	prj-01-1028		43m
South	To HDD Access 6.2 A/6.2 B		HDD Compound	Oxford Road	50	prj-01-1029.1		160m
South	HDD Access 6.1 B		HDD Compound	Wharf Road	30	prj-01-1026		43m
North	HDD Access 10.2		HDD Compound	Shipton Road	20 / 60	prj-01-1041	Speed limit change to the south of the access. 2.4m x 25m provided to the west within the 20mph speed limit /	25m / 143m

Area	Gate / HDD-Access	Also Access for	Access to	Name of road	Speed limit (mph)	Drawing No.	Comment	Visibility splay 'Y' distance (m)
							2.4m x 143m (to 90 degree bend in road) provided to south within national speed limit	
Middle_2	HDD Access 12.2		HDD Compound	Lower Road	60	prj-01-1043	TTRO: speed limit of 40mph	82m

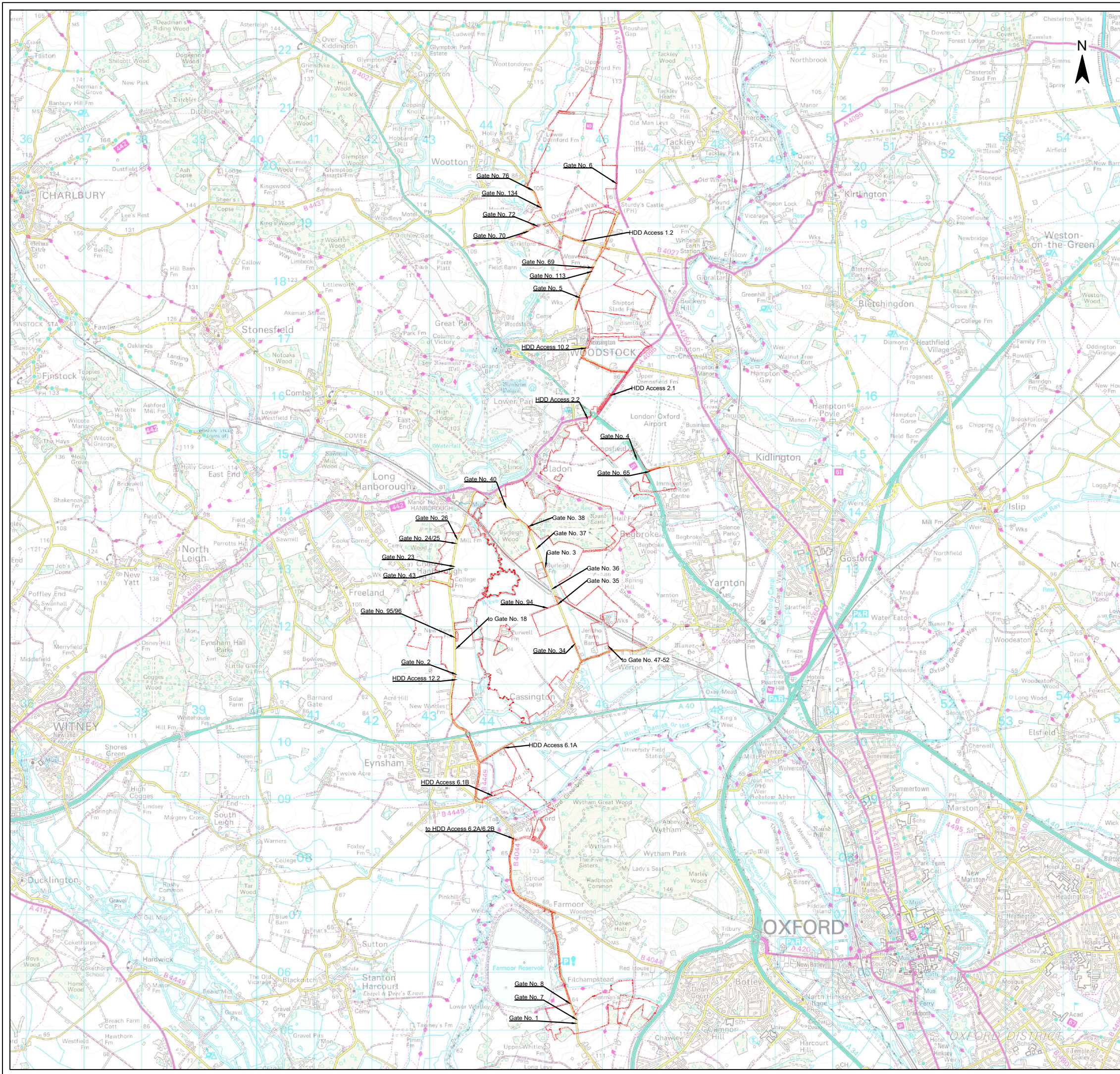
- 1.1.6 The access strategy has been defined to include the following:
- Due to the geometries of the B4044 Eynsham Road / B4017 Cumnor Road / B4044 Oxford Road mini-roundabout, temporary highway works will be undertaken to enlarge it on its south-eastern side and enable articulated Heavy Goods Vehicles (HGVs) to turn safely through it. Following construction, the mini-roundabout will be restored to its existing geometries;
 - Widening works will be undertaken on the B4017 Cumnor Road through Filchampstead to accommodate Abnormal Indivisible Loads (AILs) and also provide betterment for HGVs;
 - Widening works will be undertaken on the south-eastern side of the B4027 / Banbury Road junction to accommodate AILs; and
 - Temporary widening works to be undertaken at the Burleigh Road / Yarnton Road junction to accommodate large vehicles.
- 1.1.7 Indicative highway drawings for each of these are attached at **Appendix A3** of this Appendix.

1.2 References

Highways England (now National Highways), Transport Scotland, Welsh Government, Department for Infrastructure (2020) Design Manual for Roads and Bridges (DMRB) CD 109 Highway link design, Revision 1


Chartered Institute of Highways and Transportation (2010) Manual for Streets 2: Wider Application of the Principles

A1: Access locations



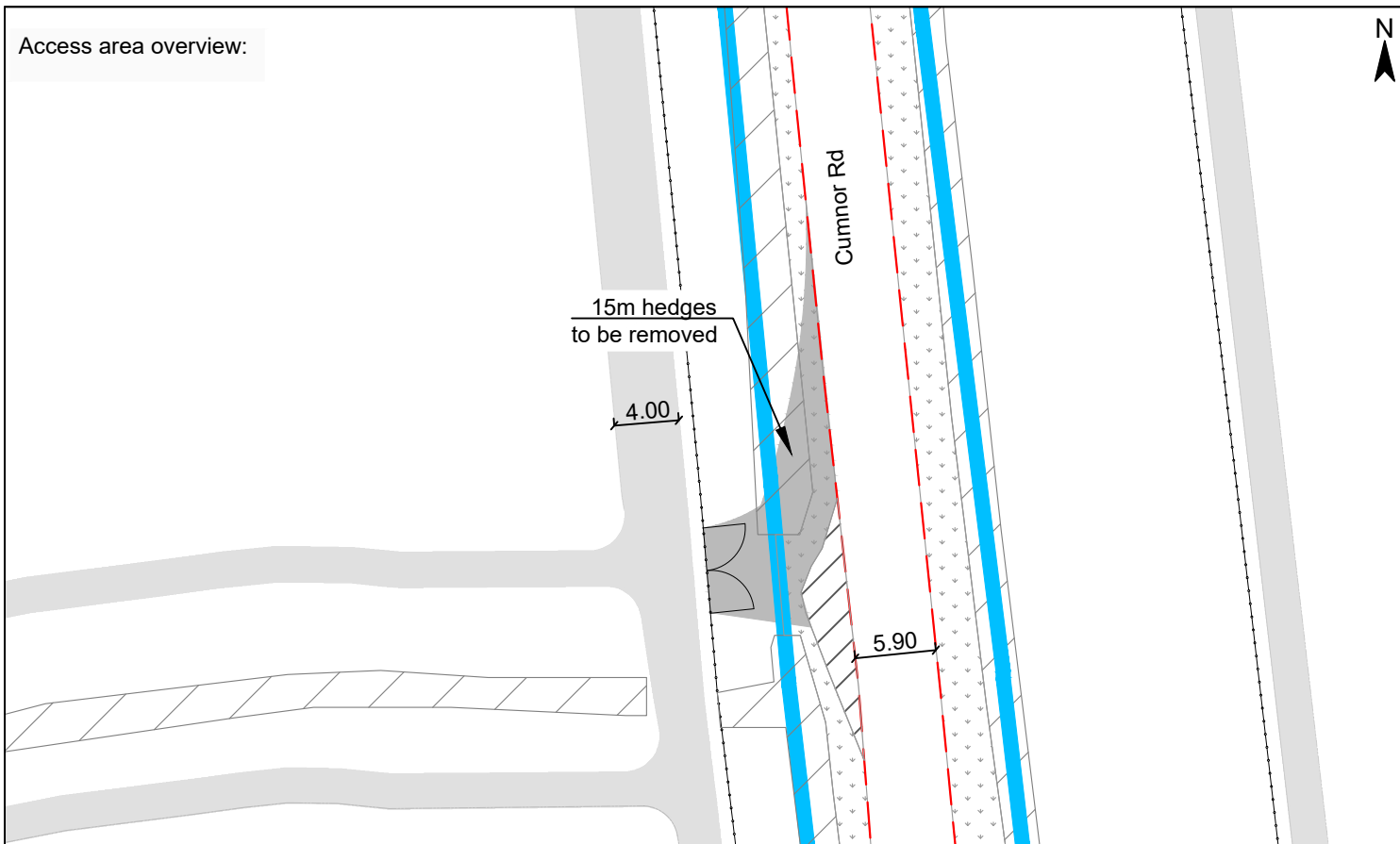
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Site Location and Order Limits

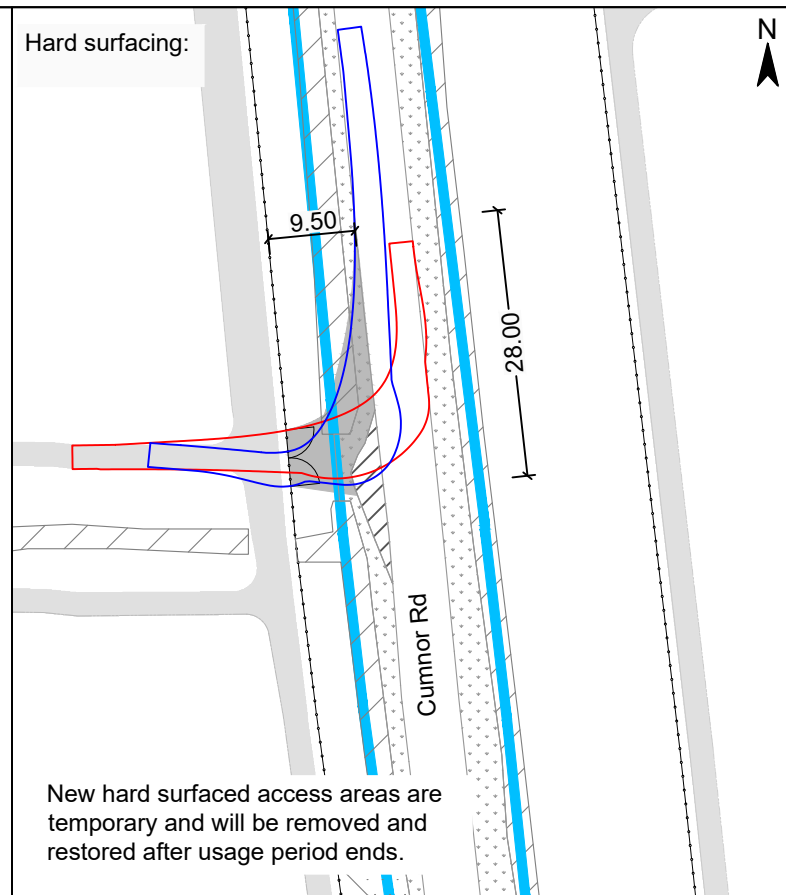
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Botley West Solar Farm		Final			
Id.	Changes	Date	Name	Date	Name
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			Check	08.11.2024	H. Trabelsi
			Approval		
A	Created	08.11.2024	KL	Drawing No EN010147/APP/6.5	
Scale:		1:65000		at A3	
Title					
Access and Gates					
		 Photovoltaic Development Partners GmbH Kurfürstendamm 52 10707 Berlin, Germany			

A2: Access drawings

Access area overview:



Hard surfacing:

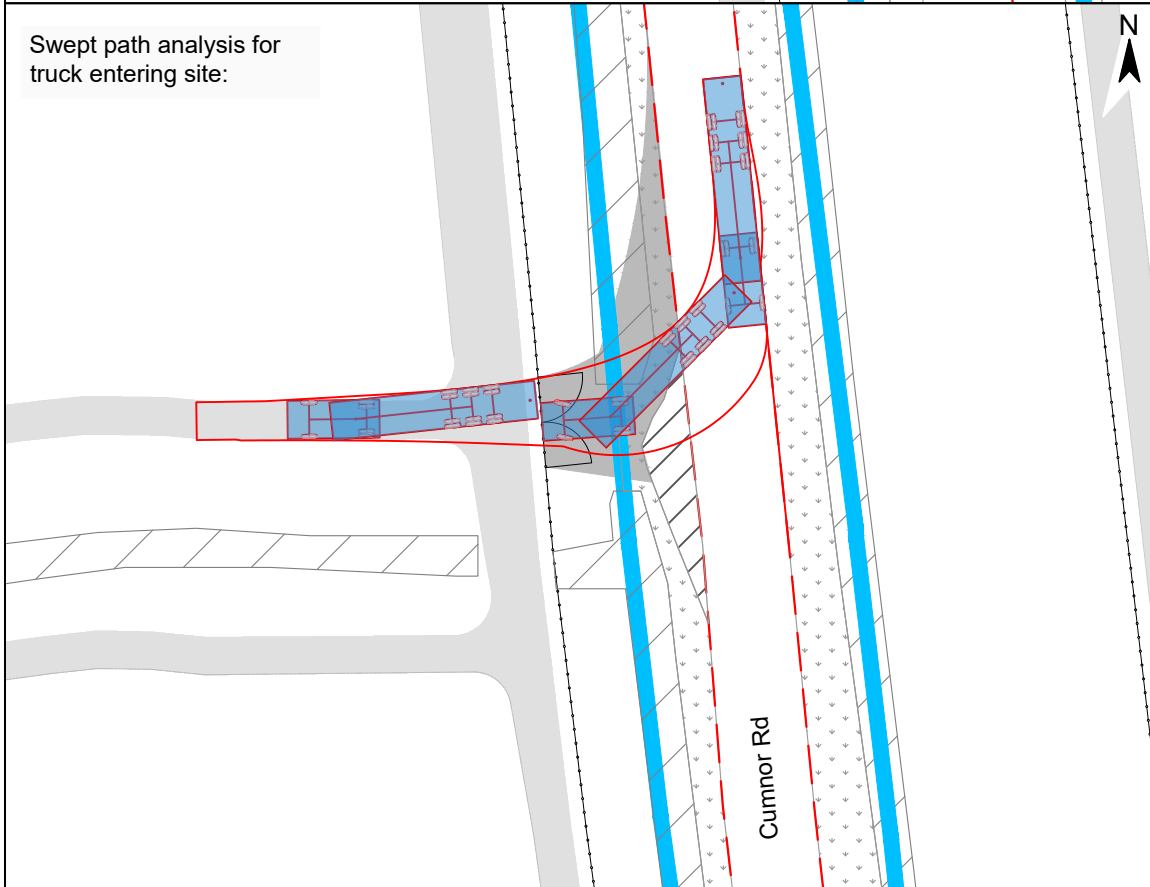


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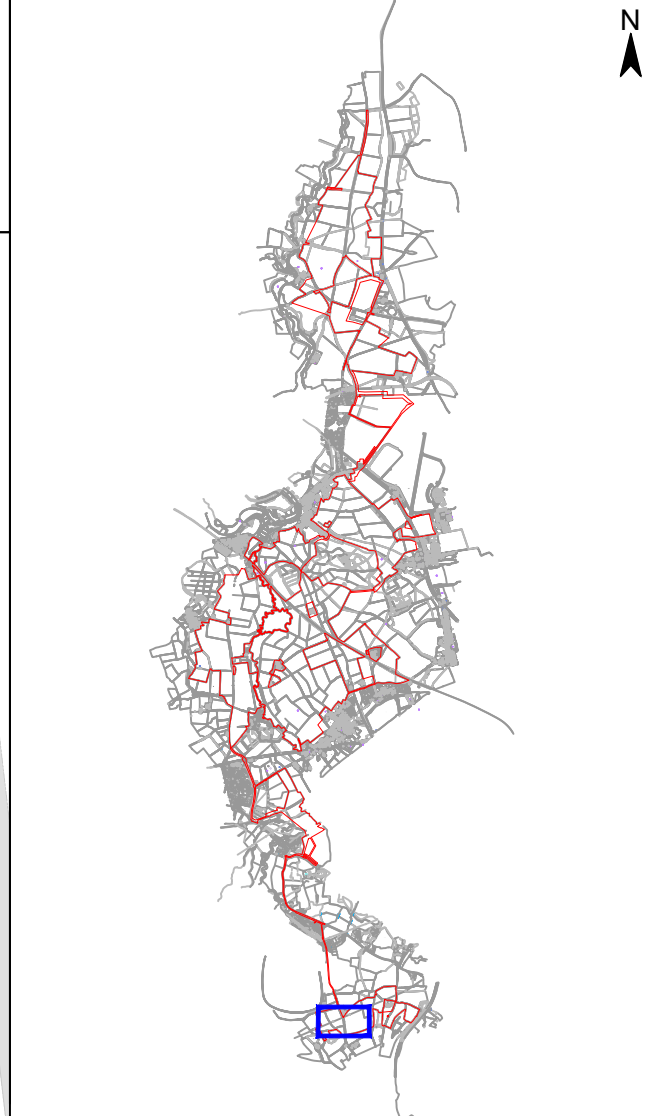
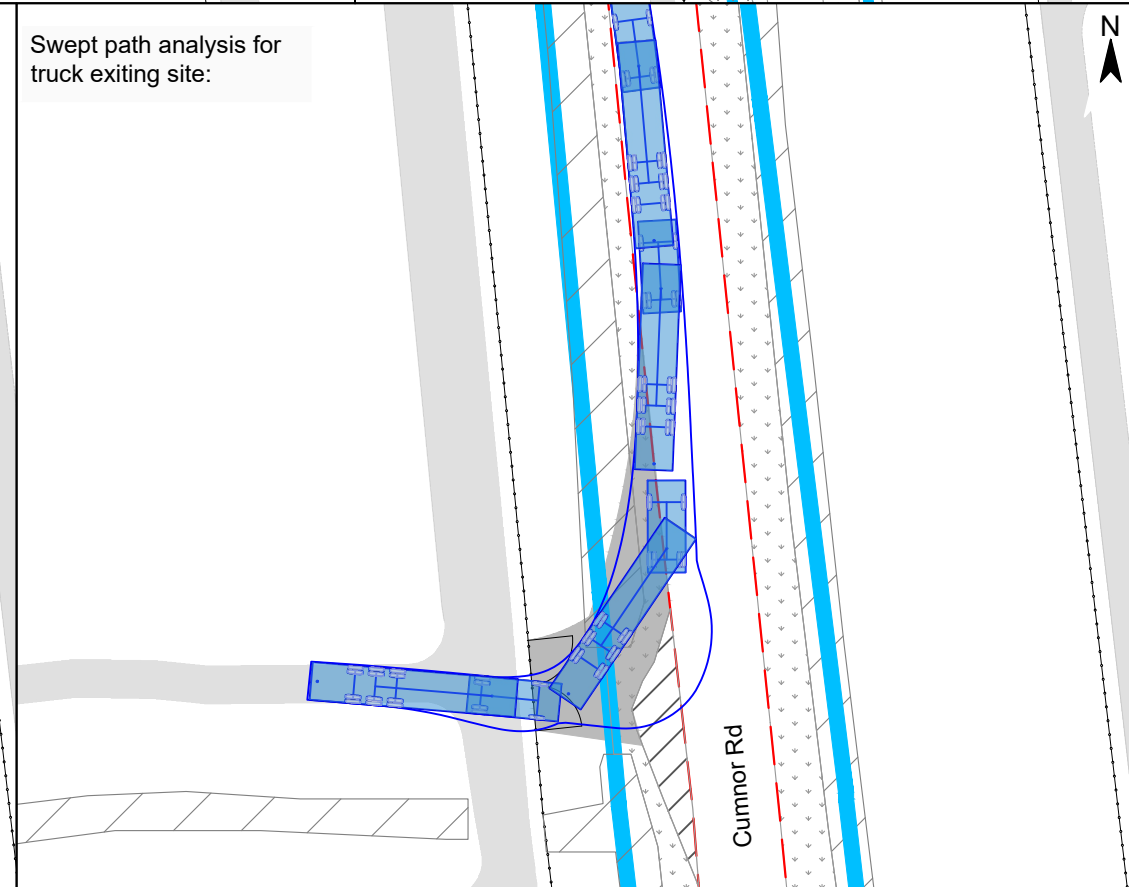
- Gate
- Fence
- Landscape Boundary
- Carriageway
- Adopted Highway Boundary
- Hedge
- Tree
- Grass
- Existing hard surface
- Hard surface
- Maintenance road

Gate Coordinates	51.742845°, -1.341612°
Vehicle	TUG 40to

Swept path analysis for truck entering site:

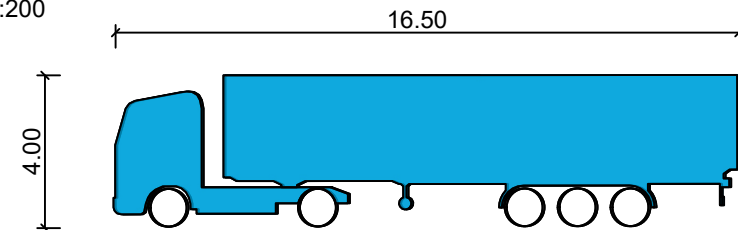


Swept path analysis for truck exiting site:



Truck Unit General (TUG), 40to.:

M 1:200



Width: 2.50m

Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1037
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1:500

Title

Access Drawing Botley West
Gate No. 1 (Gate ID: S-G1)

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Visibility splay:

2.4m x 102m achievable
visibility splay to center of carriageway

2.4m x 82m achievable visibility
splay to carriageway edge

Gate 1

2.4 x 160m visibility to
carriageway edge


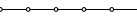









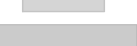
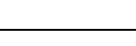
2.4m x 179m achievable
visibility splay

Cumnor Rd

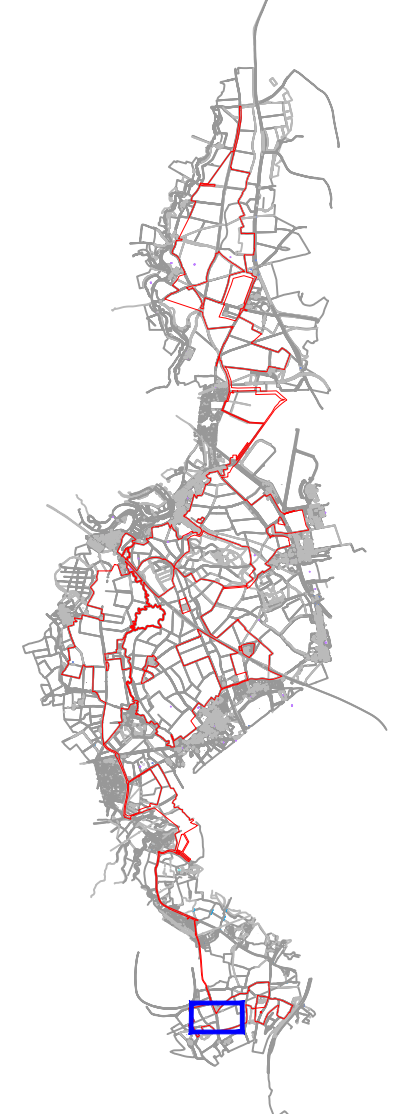
Smith Hill Copse



Legend

- Gate 
- Fence 
- Landscape Boundary 
- Site Boundary 
- Carriageway 
- Adopted Highway Boundary 
- Visibility 
- Hedge 
- Tree 
- Grass 
- Existing hard surface 
- Hard surface 
- Maintenance road 

Gate Coordinates 51.742845°, -1.341612°



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Project				Status		
Botley West Solar Farm				Final		
				Date	Name	
				Edit	30.10.2024 K. Lueken	
				Check	30.10.2024 H. Trabelsi	
				Approval	30.10.2024 D. Archibald	
				Drawing No prj-01-1037		
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Id.	Changes	Date	Name			

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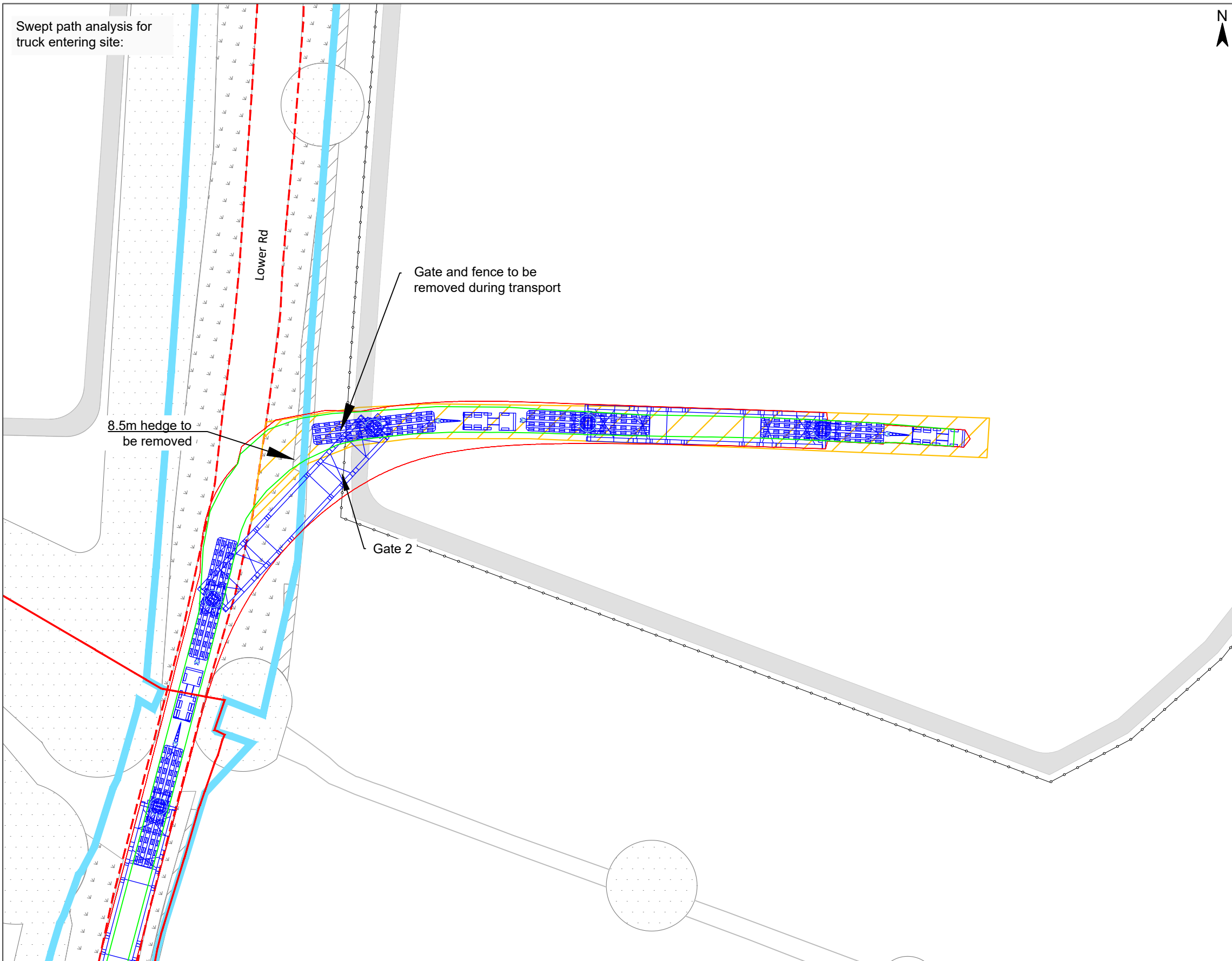
Title

Access Drawing Botley West
Gate No. 1 (Gate ID: S-G1)



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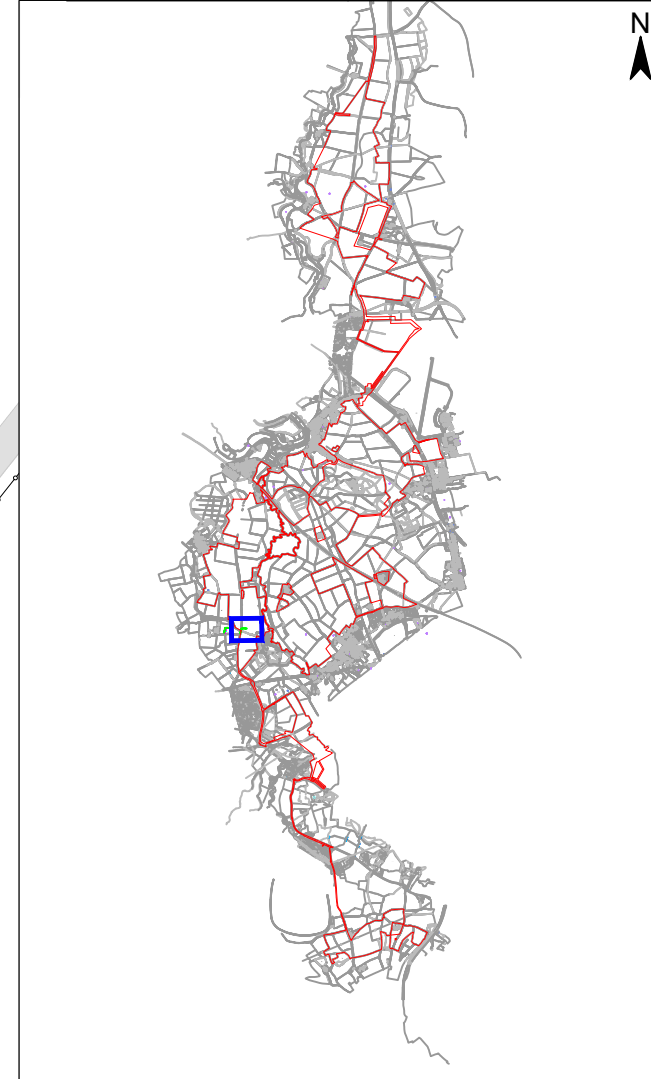
Swept path analysis for truck entering site:



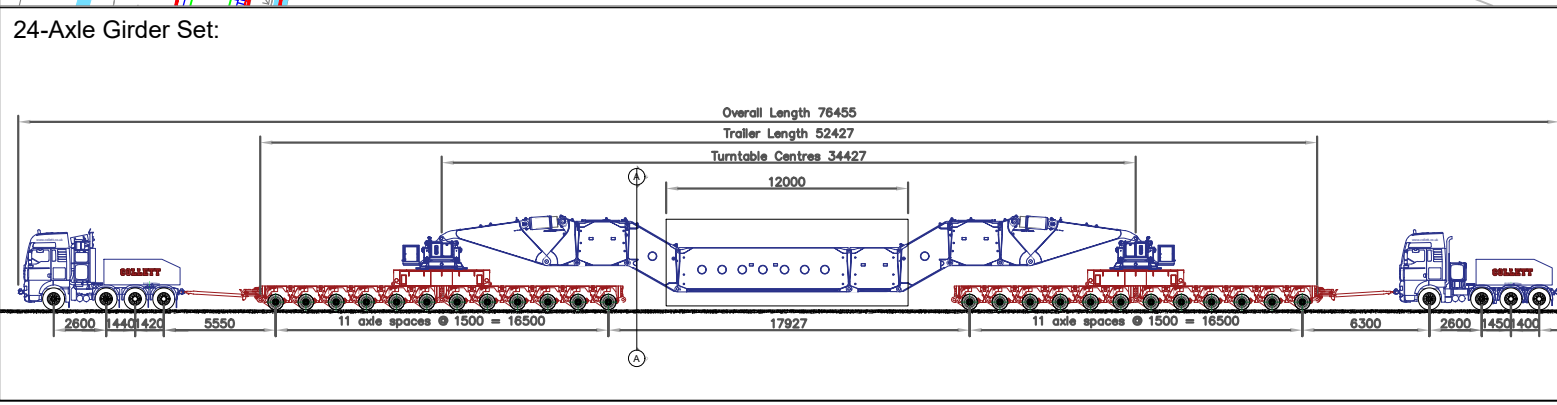
Legend

- Fence
- Landscape Boundary
- Site Boundary
- Carriageway
- Adopted Highway Boundary
- Hedge
- Tree
- Grass
- Temporary hard surface
- Maintenance road
- Overall swept path trailer
- Overall swept path axes

Gate Coordinates	51.797491°, -1.371150°
Vehicle	24-Axle Girder Set



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Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
A Basic		30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1 : 600

Title

Access Drawing Botley West
Gate No. 02 (Gate ID: MS-G2)

Drawing No prj-01-1019


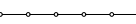









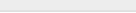


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Access area overview:

Hard surfacing:

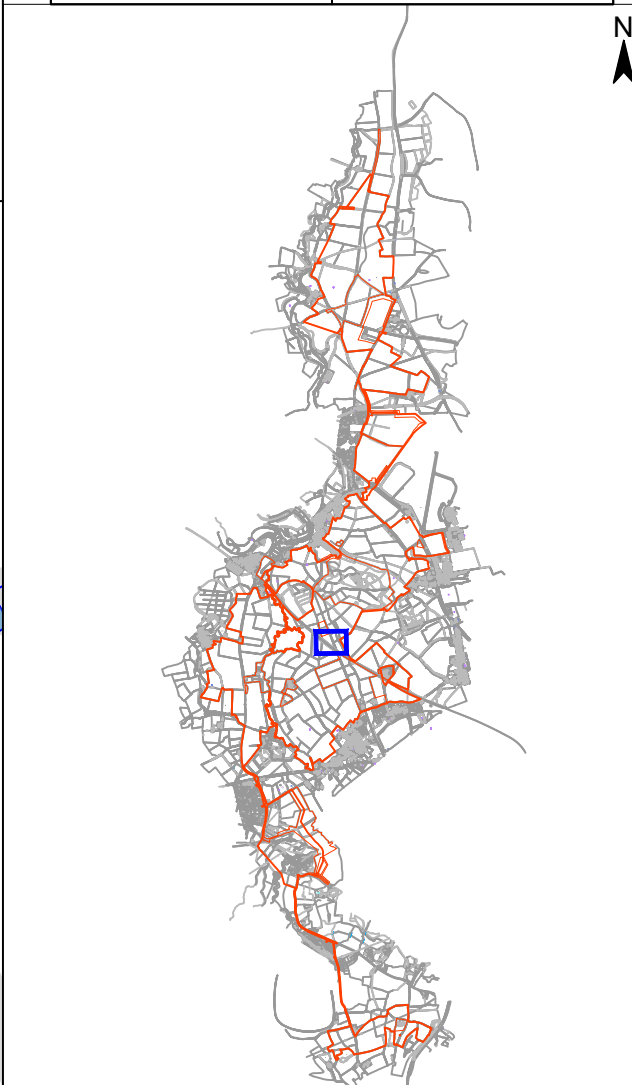
Legend

- Gate 
- Fence 
- Landscape Boundary 
- Site Boundary 
- Carriageway 
- Adopted Highway Boundary 
- Hedge 
- Tree 
- Grass 
- Hard surface 
- Temporary hard surface 
- Maintenance road 

Gate Coordinates	51.814134°, -1.348584°
Vehicle	TUG 40to

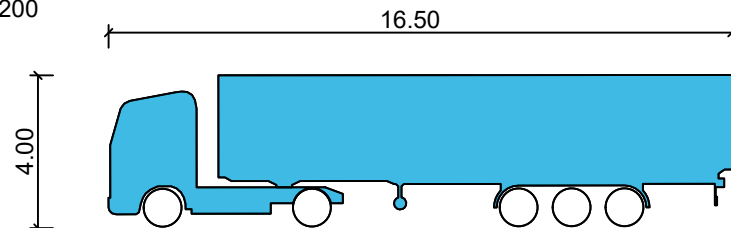
Swept path analysis for truck entering site:

Swept path analysis for truck exiting site:



Truck Unit General (TUG), 40to.:

M 1:200



Width: 2.50m

Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1012
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1:500

Title

Access Drawing Botley West
Gate No. 3 (Gate ID: MN-G3)



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10707 Berlin, Germany

Visibility splay:

2.4 x 215m visibility to
carriageway edge

Gate 3

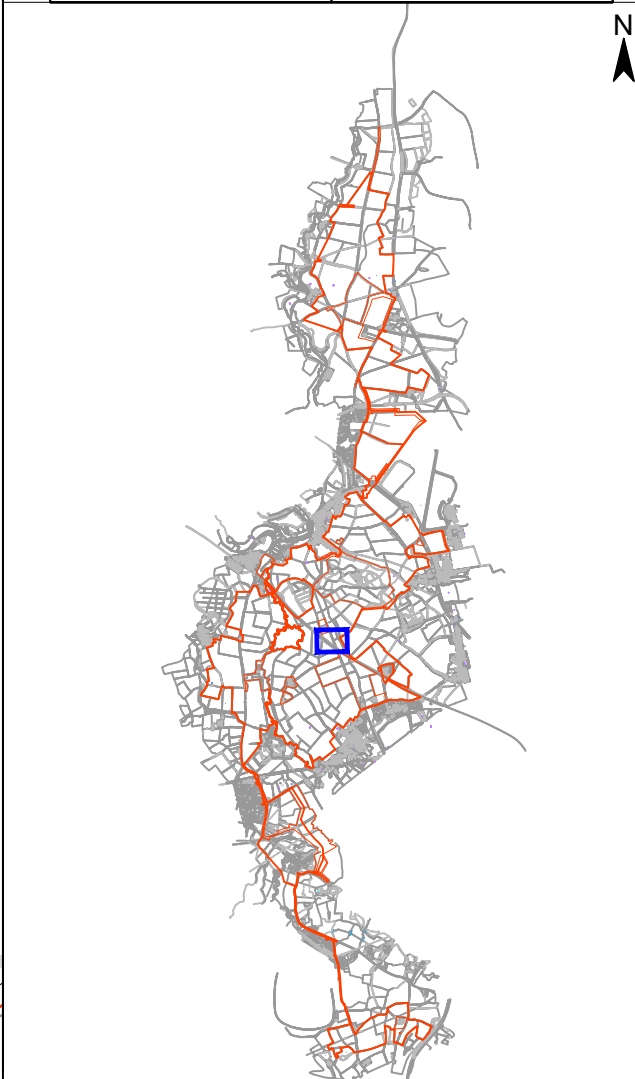
2.4 x 215m visibility to
carriageway edge

Pond

Beol. Uf. (Beil.)

Legend	
Gate	
Fence	
Landscape Boundary	
Site Boundary	
Carriageway	
Adopted Highway Boundary	
Visibility	
Hedge	
Tree	
Grass	
Railway crossing	
Hard surface	
Temporary hard surface	
Maintenance road	

Gate Coordinates	51.814134°, -1.348584°
------------------	------------------------




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Project		Status	
Botley West Solar Farm		Final	
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		Edit	30.10.2024 K. Lueken
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		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1012
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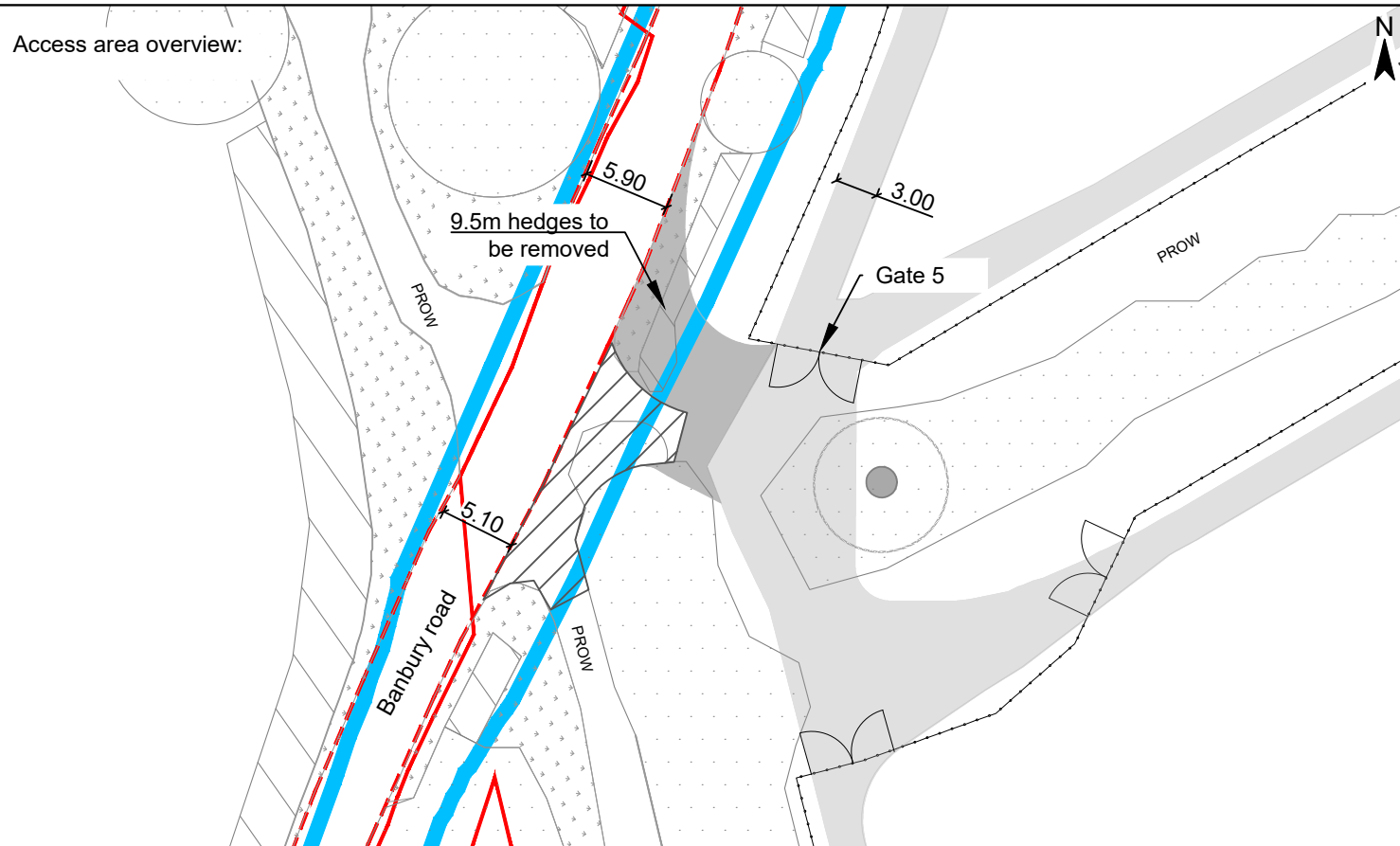
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Access Drawing Botley West
Gate No. 3 (Gate ID: MN-G3)

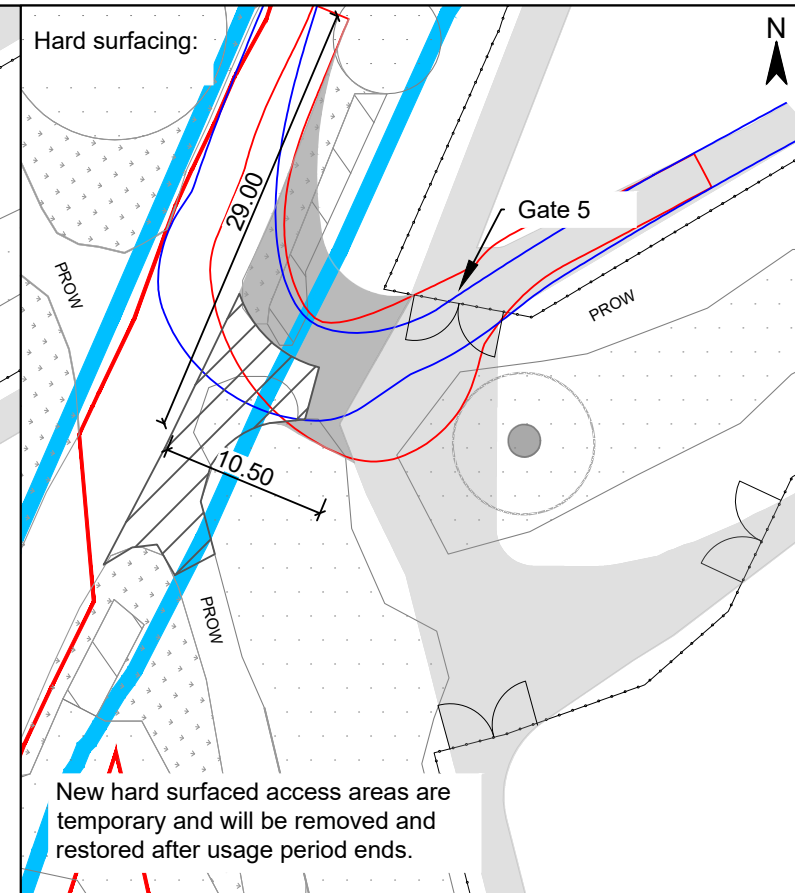


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Access area overview:



Hard surfacing:



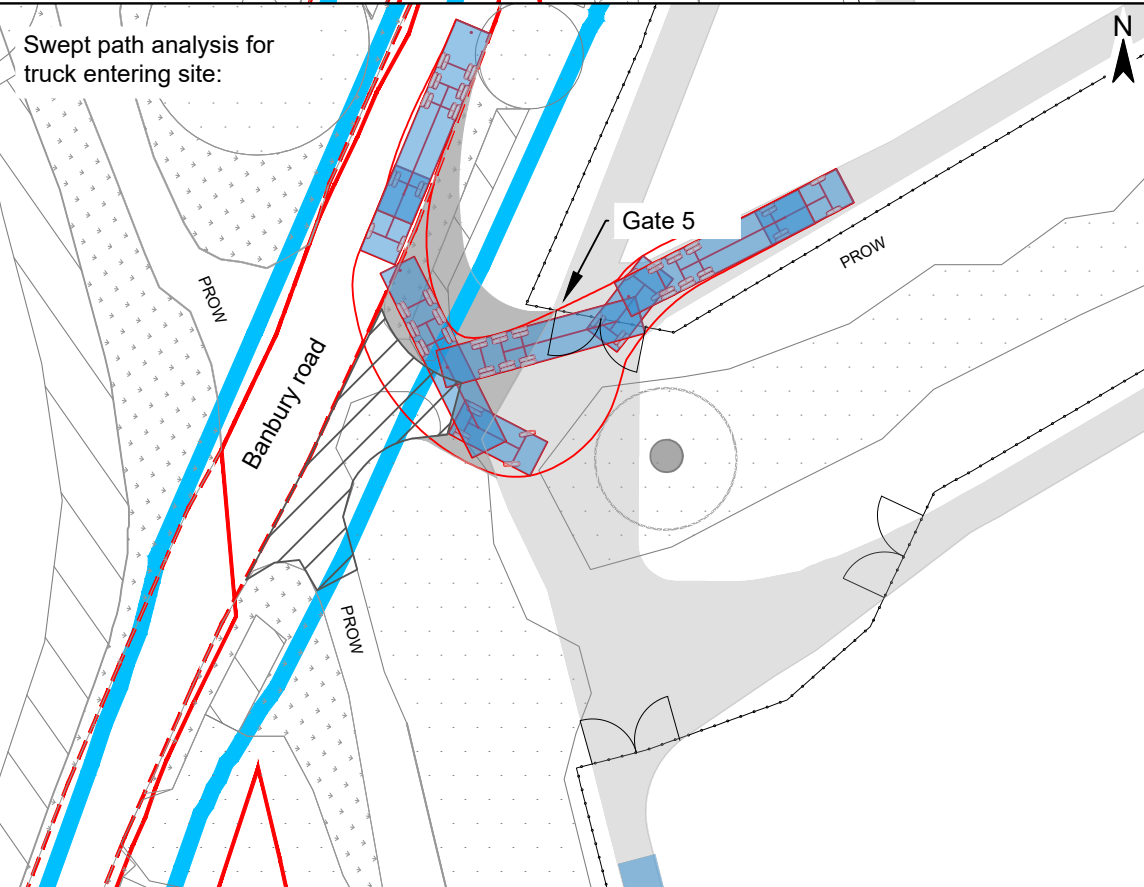
New hard surfaced access areas are temporary and will be removed and restored after usage period ends.

Legend

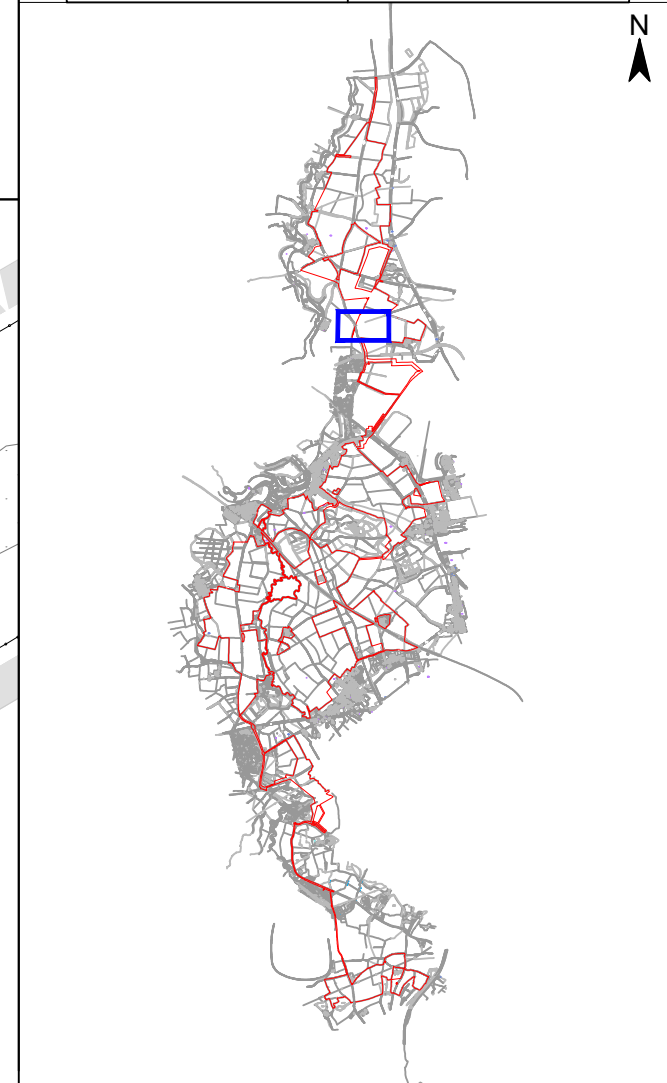
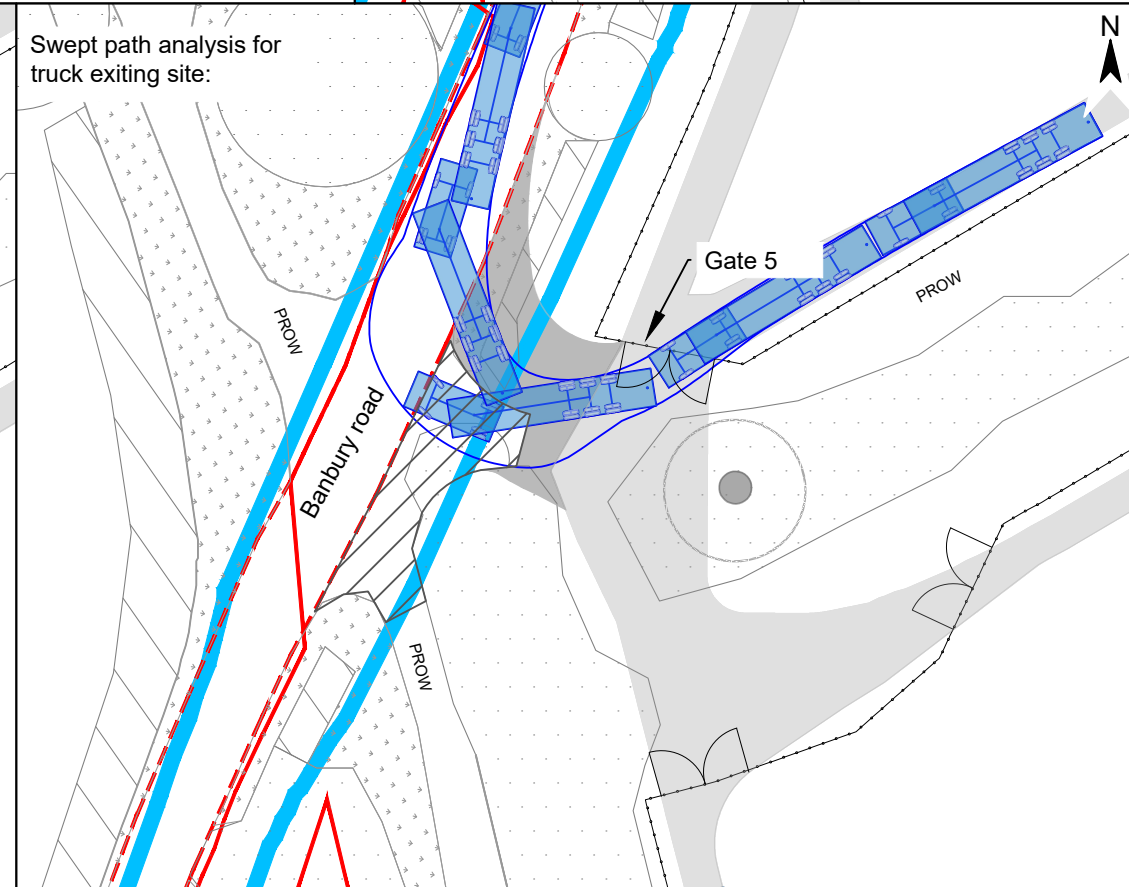
- Gate
- Fence
- Landscape Boundary
- Site Boundary
- Carriageway
- Adopted Highway Boundary
- Hedge
- Tree
- Grass
- Existing hard surface
- Hard surface
- Maintenance road
- Veteran tree and buffer

Gate Coordinates	51.856159°, -1.339091°
Vehicle	TUG 40to

Swept path analysis for truck entering site:



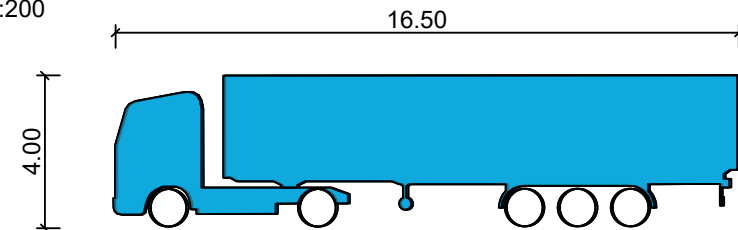
Swept path analysis for truck exiting site:



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Truck Unit General (TUG), 40to.:

M 1:200



Width: 2.50m

Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1038
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1:500

Title

Access Drawing Botley West
Gate No. 5 / 66.1 / 66.2 (Gate ID: N-G5)

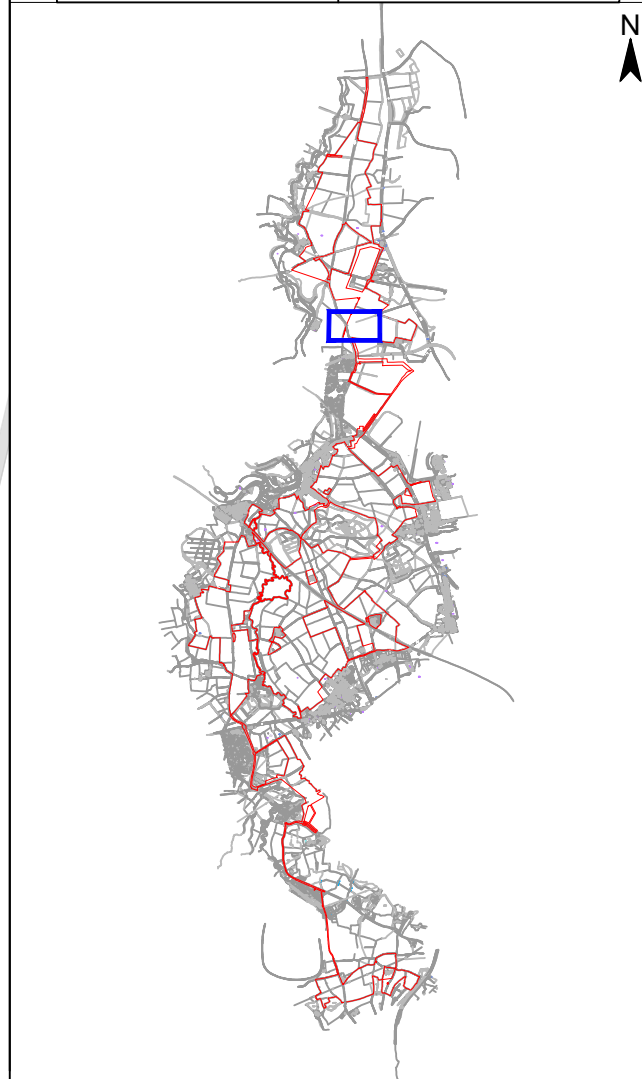
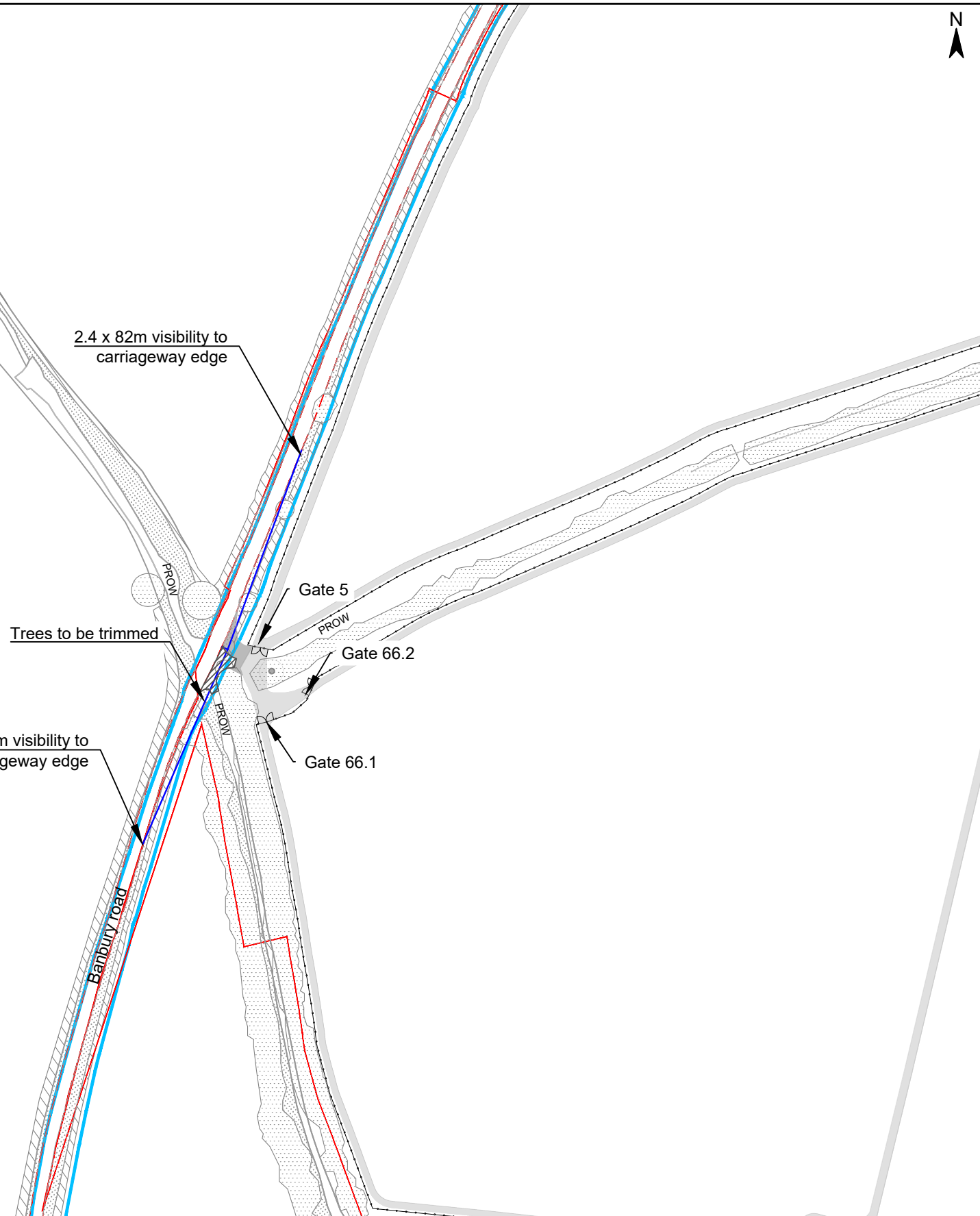
Photovoltaic Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany

Visibility splay:

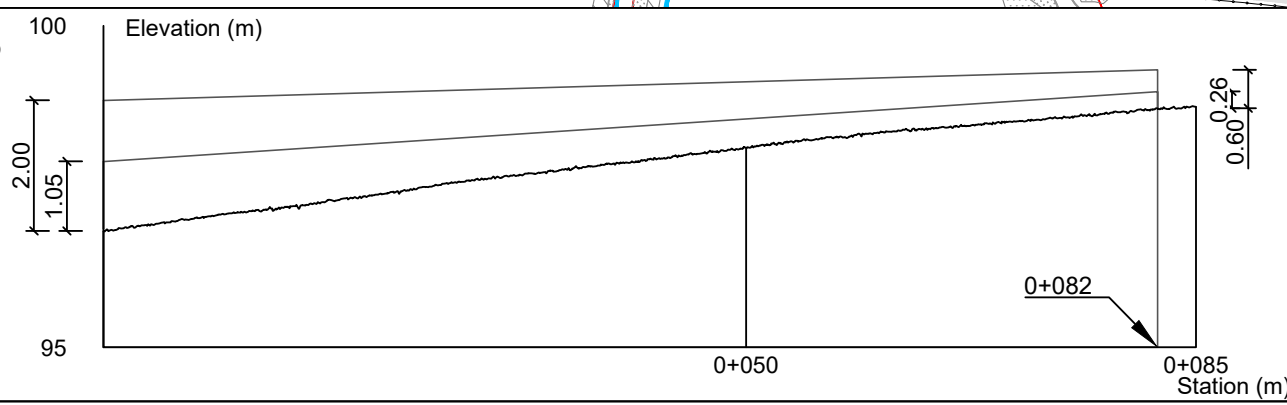


Legend	
Gate	
Fence	
Landscape Boundary	
Site Boundary	
Carriageway	
Adopted Highway Boundary	
Visibility	
Hedge	
Tree	
Grass	
Existing hard surface	
Hard surface	
Maintenance road	
Veteran tree and buffer	

Gate Coordinates	51.856159°, -1.339091°
------------------	------------------------



Vertical visibility splay to north of the access:




Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1038
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1 : 2000

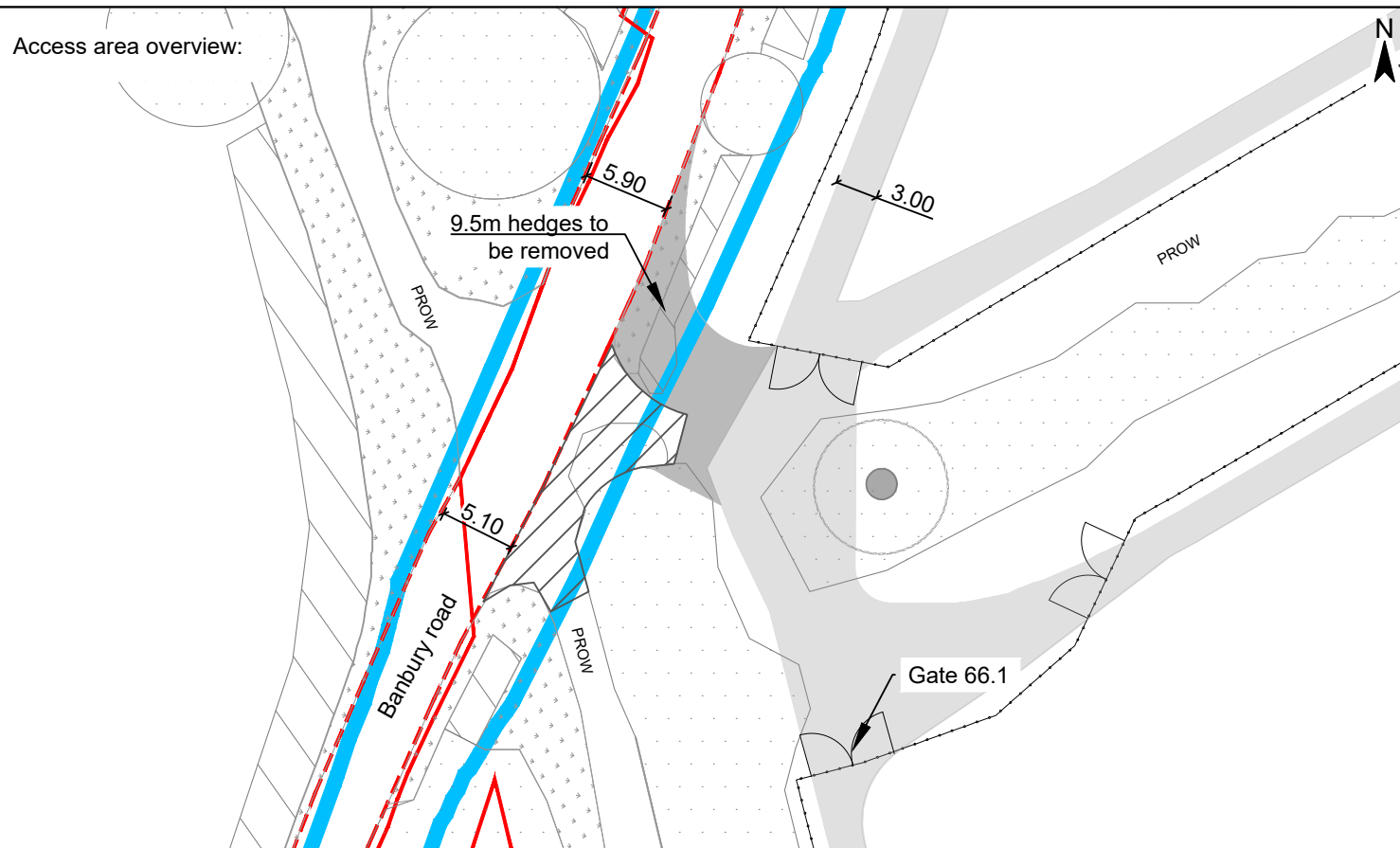
Title

Access Drawing Botley West
Gate No. 5 / 66.1 / 66.2 (Gate ID: N-G5)

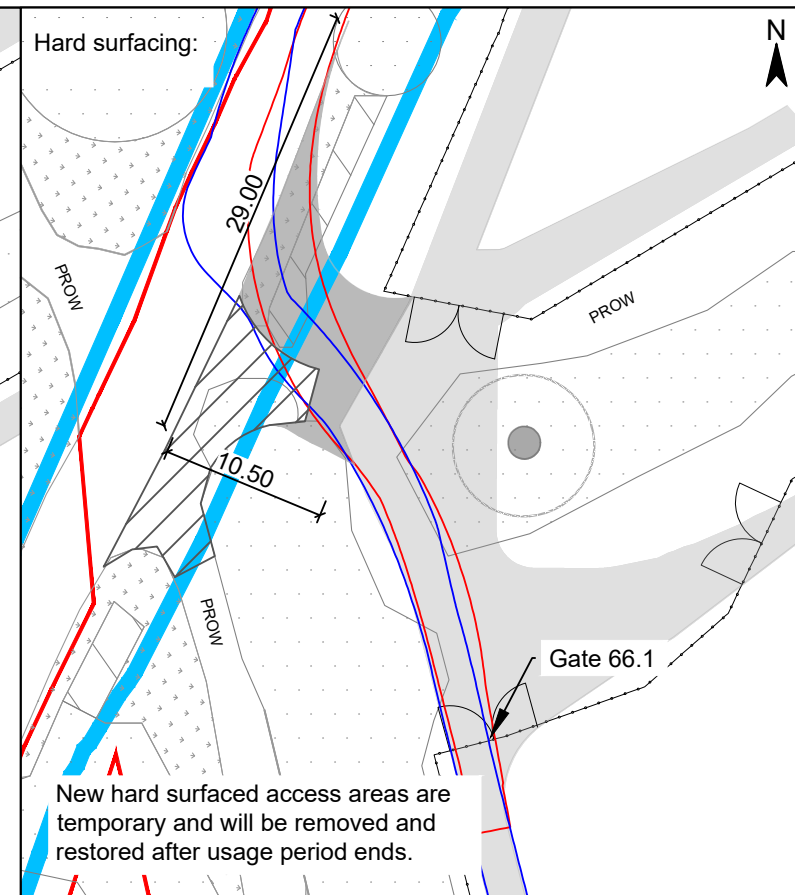


Photovoltaic Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany

Access area overview:



Hard surfacing:

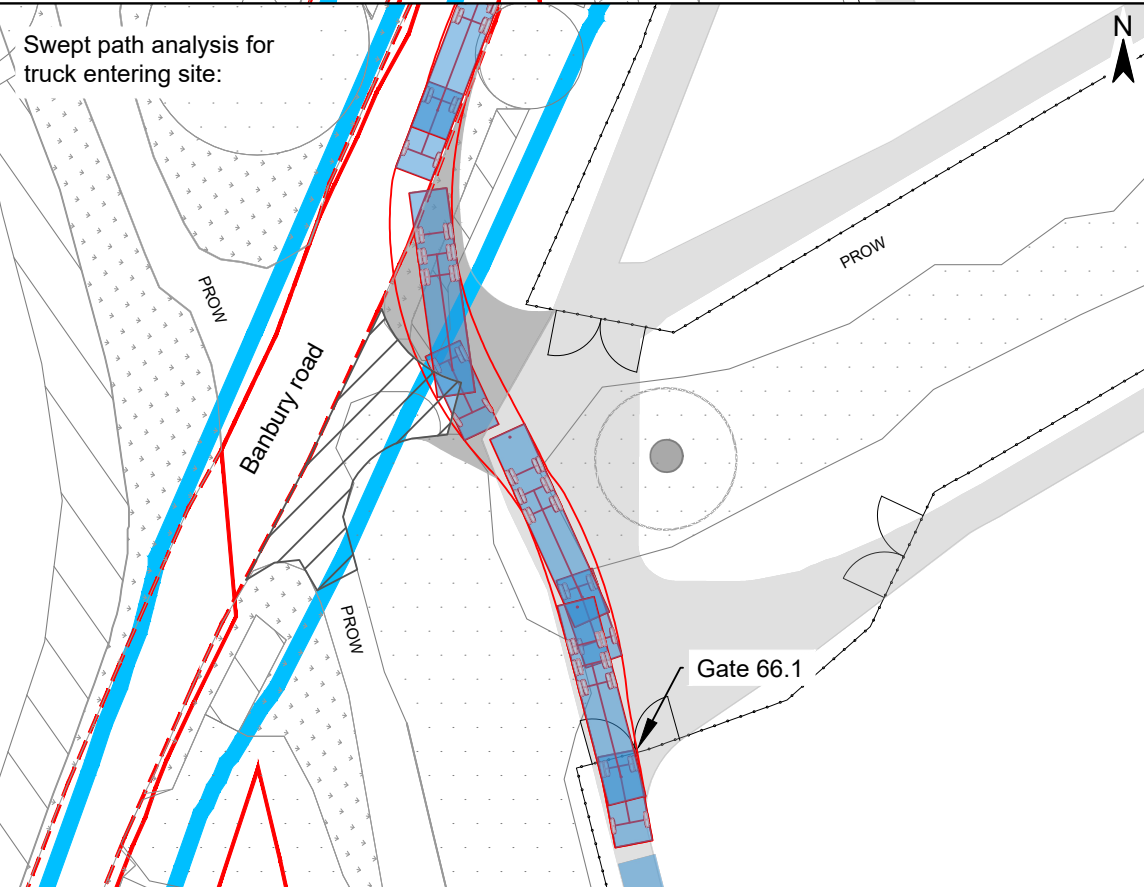


Legend

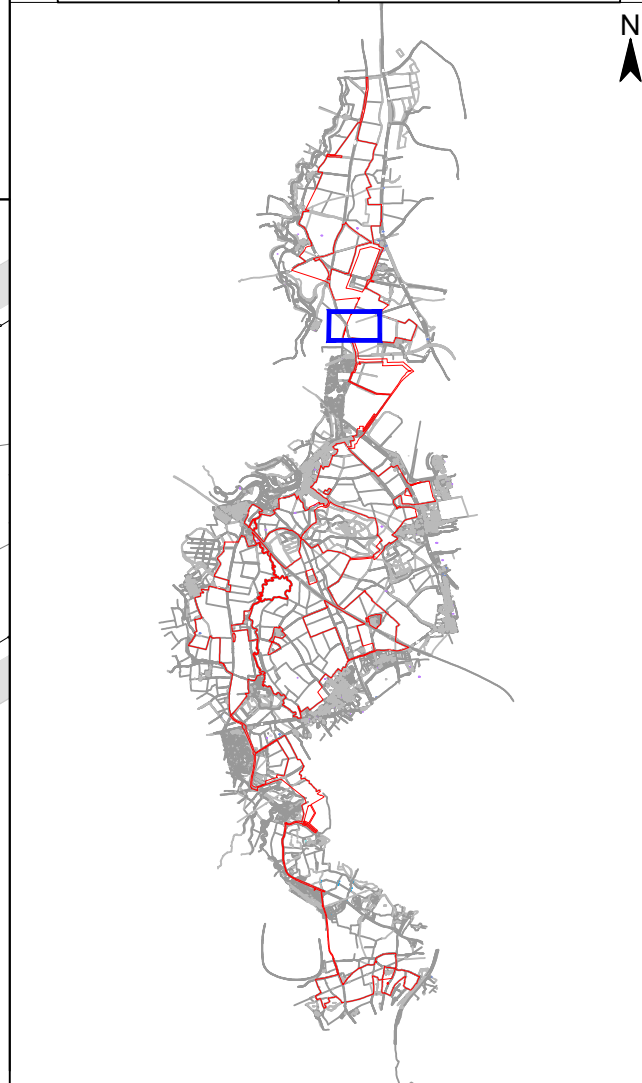
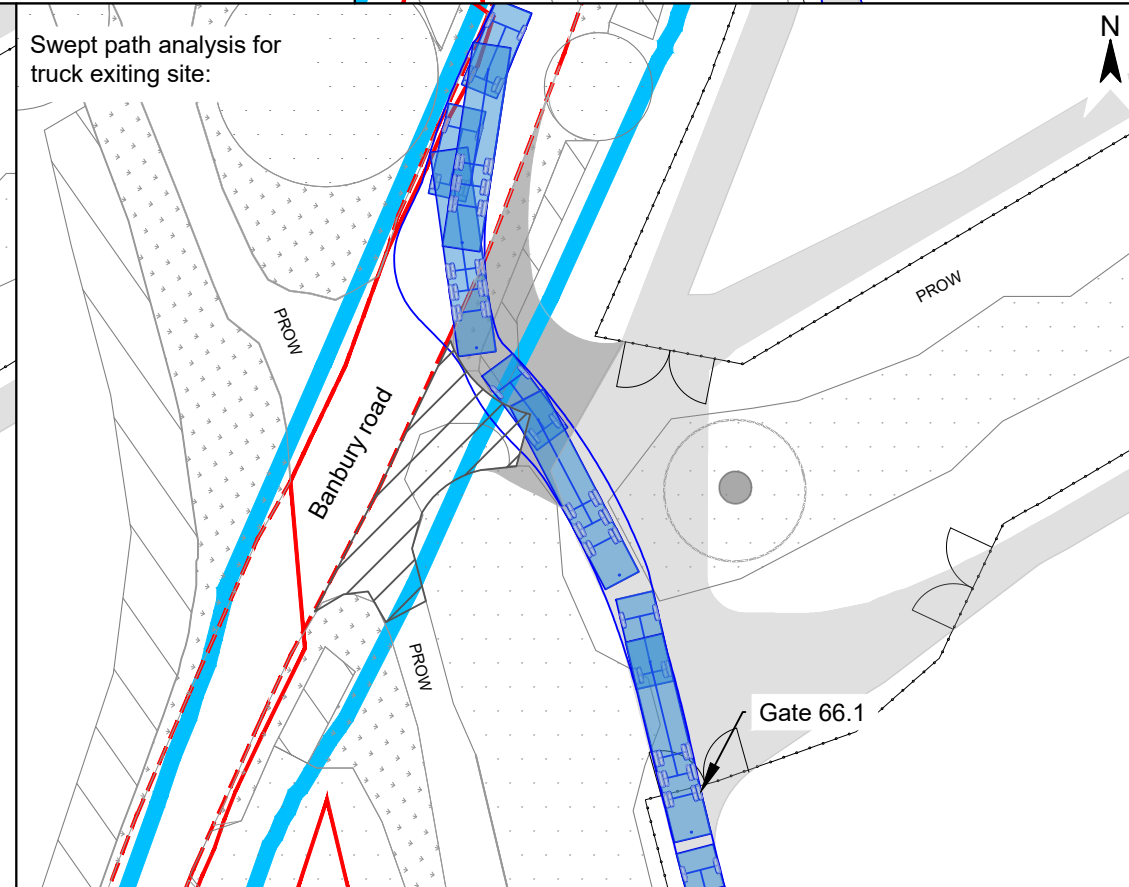
- Gate
- Fence
- Landscape Boundary
- Site Boundary
- Carriageway
- Adopted Highway Boundary
- Hedge
- Tree
- Grass
- Existing hard surface
- Hard surface
- Maintenance road
- Veteran tree and buffer

Gate Coordinates	51.856159°, -1.339091°
Vehicle	TUG 40to

Swept path analysis for truck entering site:

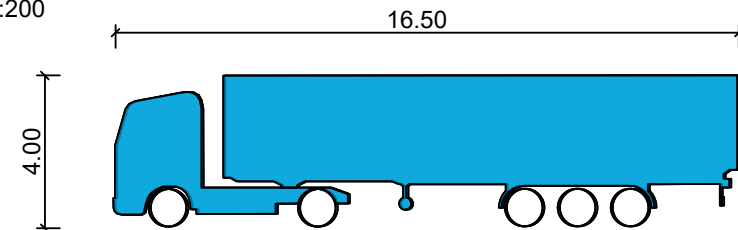


Swept path analysis for truck exiting site:



Truck Unit General (TUG), 40to.:

M 1:200



Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1038
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

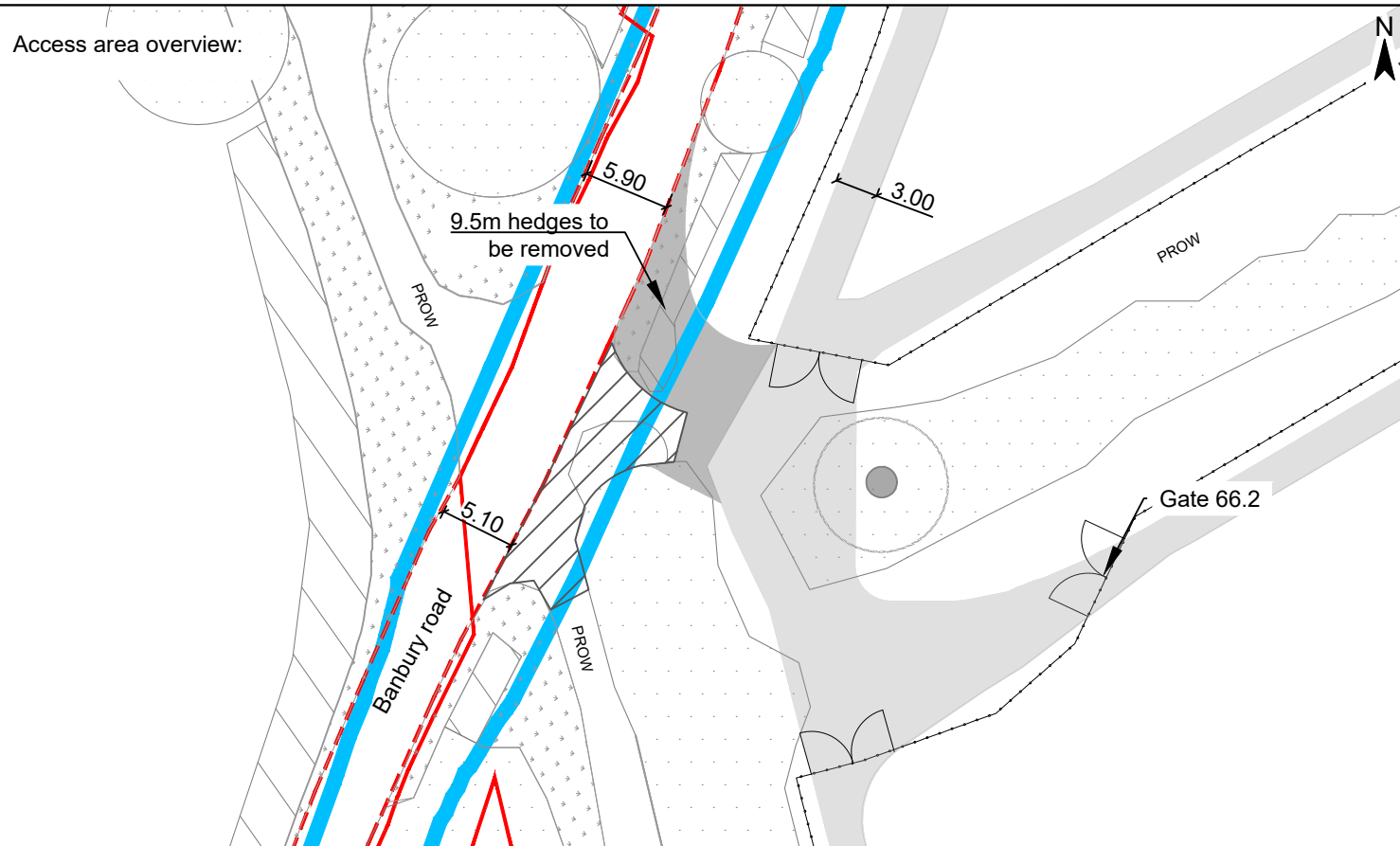
Scale: 1:500

Title

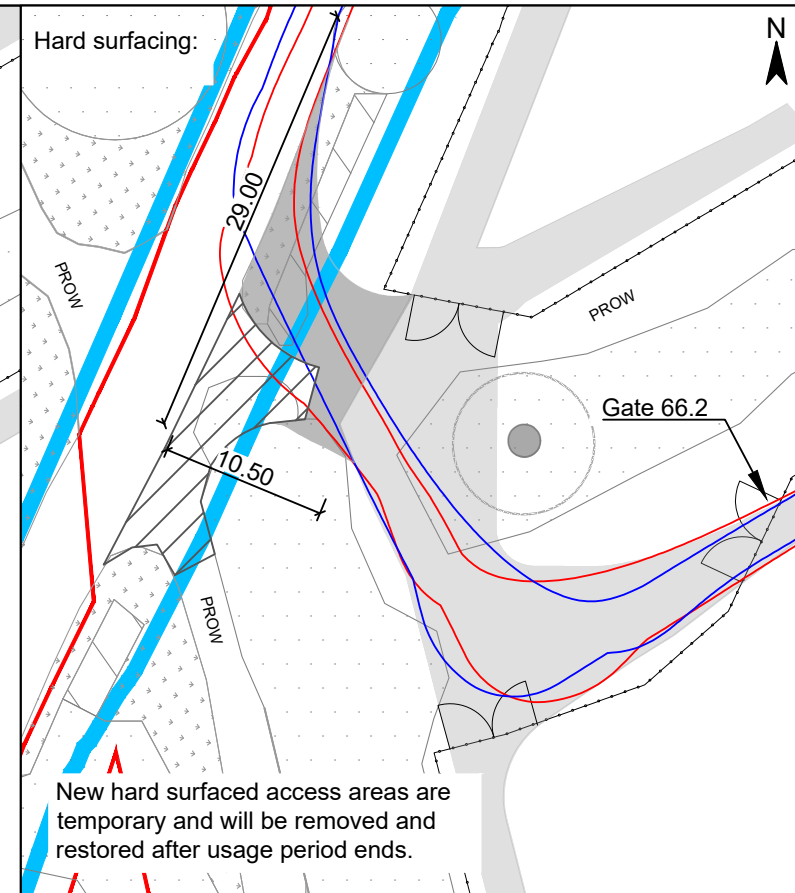
Access Drawing Botley West
Gate No. 5 / 66.1 / 66.2 (Gate ID: N-G5)

Photovolta Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany

Access area overview:



Hard surfacing:

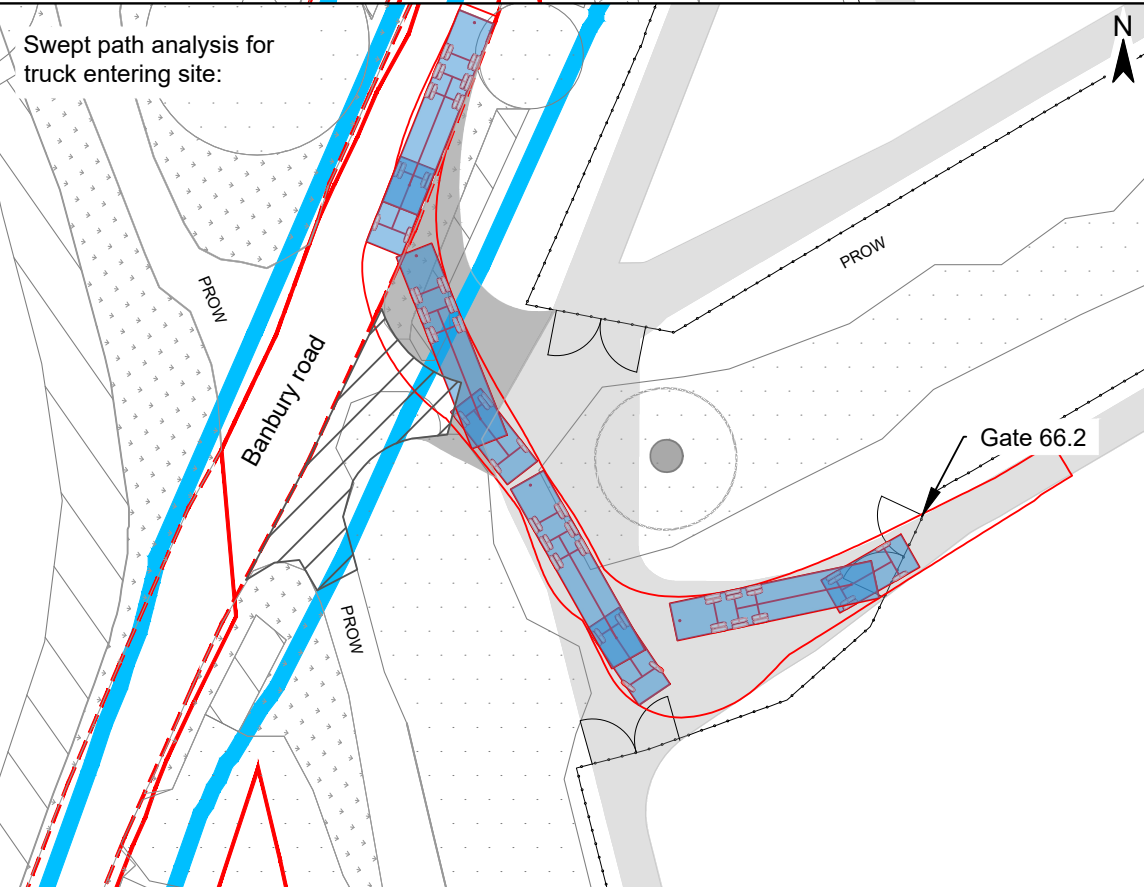


Legend

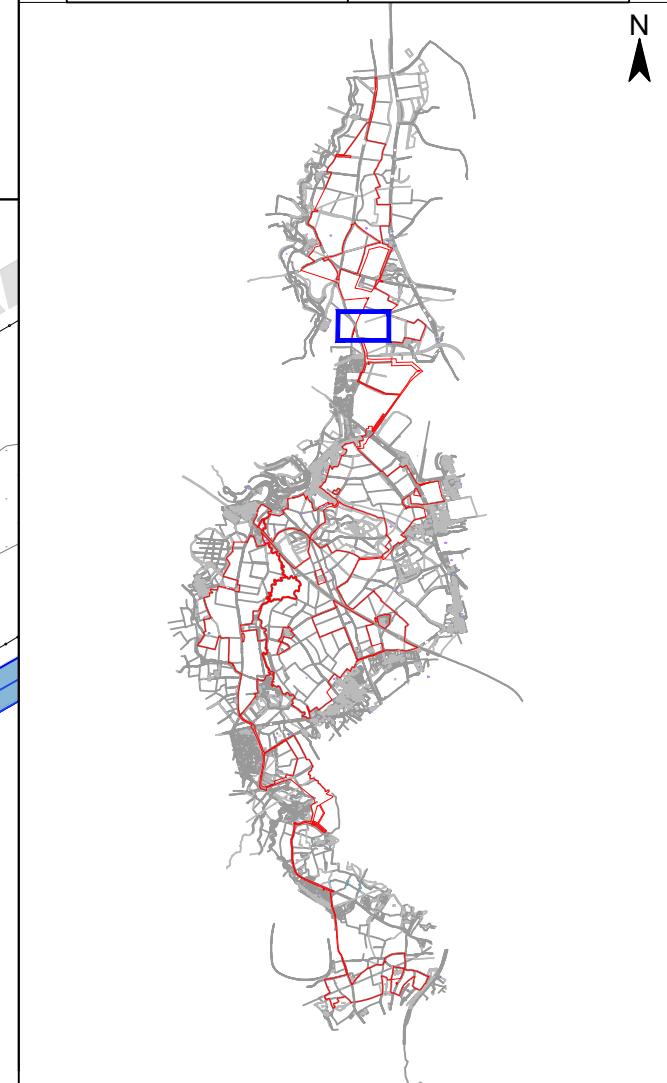
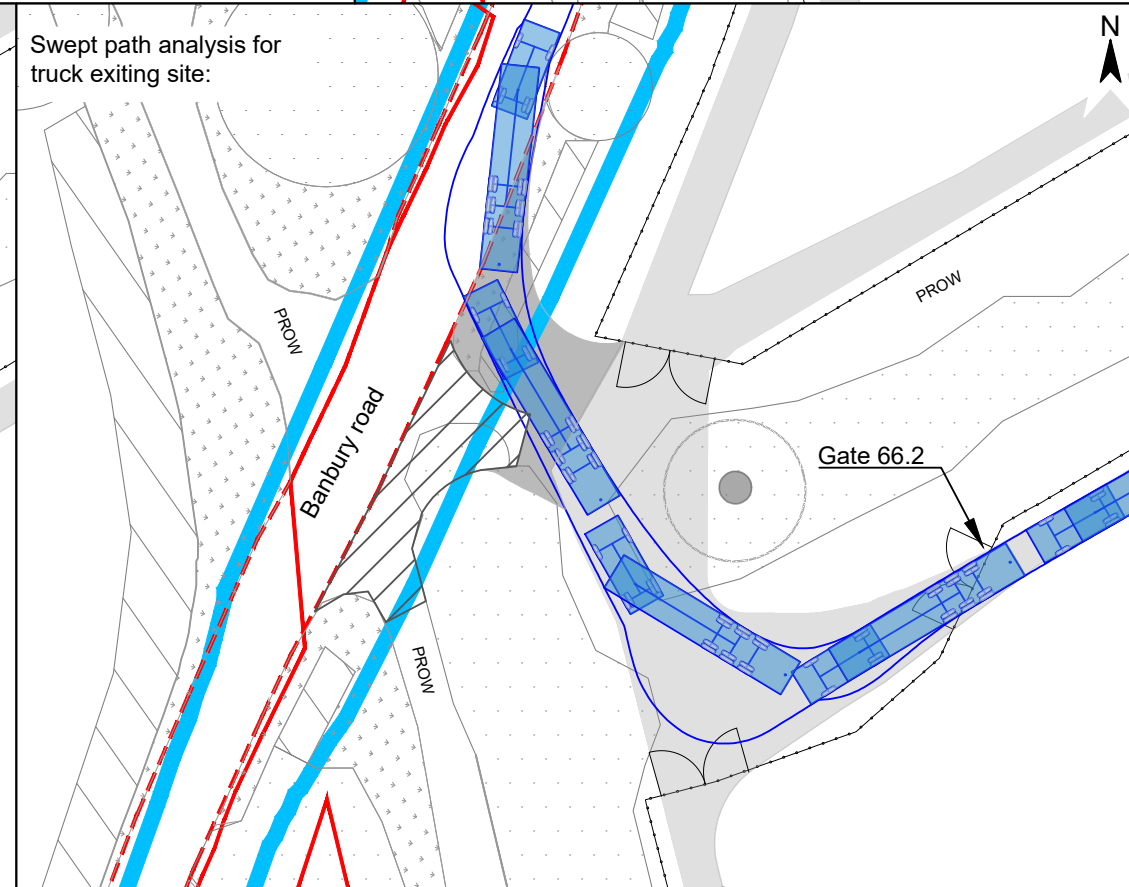
- Gate
- Fence
- Landscape Boundary
- Site Boundary
- Carriageway
- Adopted Highway Boundary
- Hedge
- Tree
- Grass
- Existing hard surface
- Hard surface
- Maintenance road
- Veteran tree and buffer

Gate Coordinates	51.856159°, -1.339091°
Vehicle	TUG 40to

Swept path analysis for truck entering site:



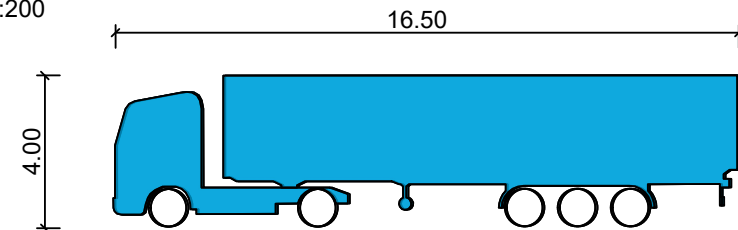
Swept path analysis for truck exiting site:



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Truck Unit General (TUG), 40to.:

M 1:200



Width: 2.50m

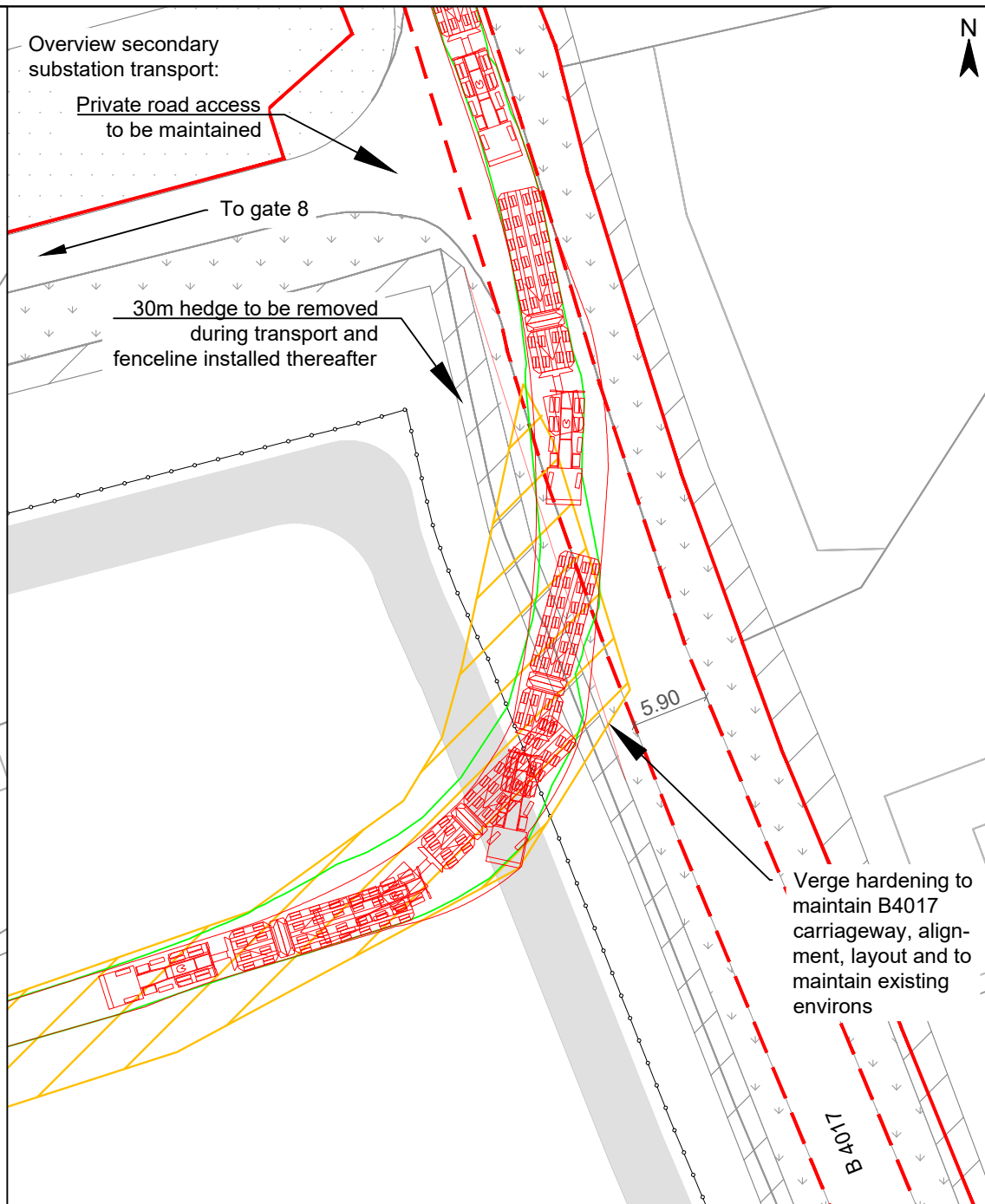
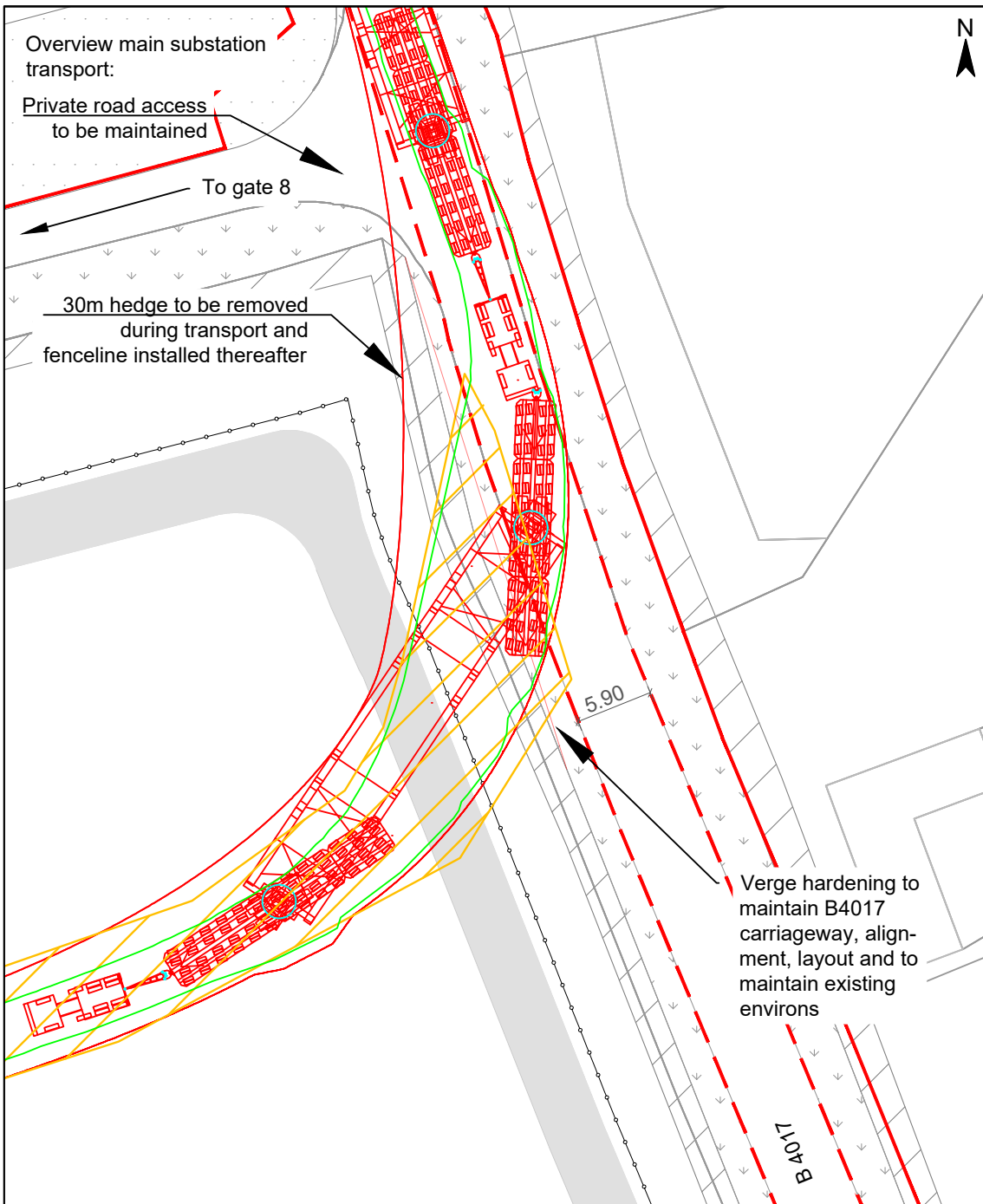
Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1038
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1:500

Title

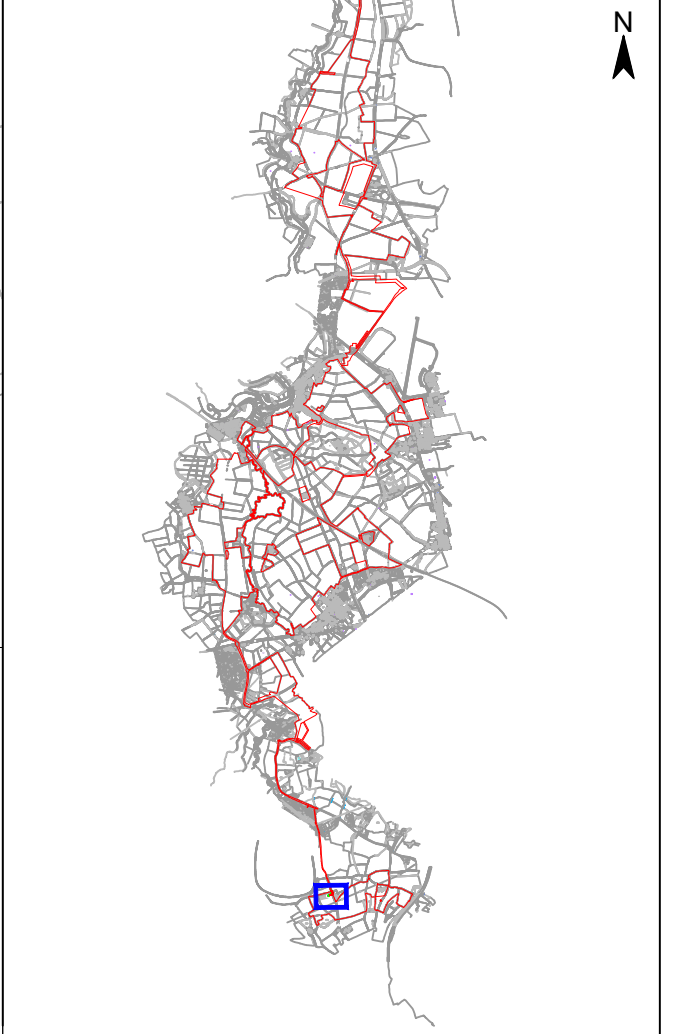
Access Drawing Botley West
Gate No. 5 / 66.1 / 66.2 (Gate ID: N-G5)

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Kurfürstendamm 52
10707 Berlin, Germany

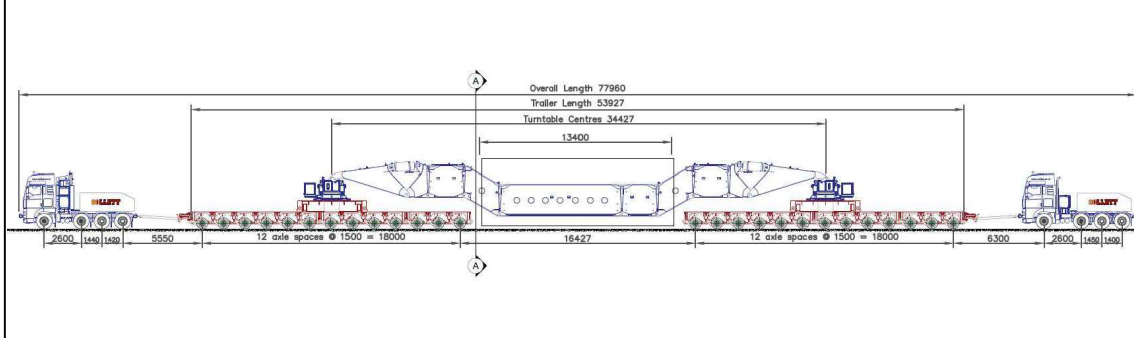


- Legend**
- Gate
 - Fence
 - Landscape Boundary
 - Site Boundary
 - Carriageway
 - Adopted Highway Boundary
 - Hedge
 - Tree
 - Grass
 - Temporary hard surface
 - Maintenance road
 - Overall swept path trailer
 - Overall swept path axles

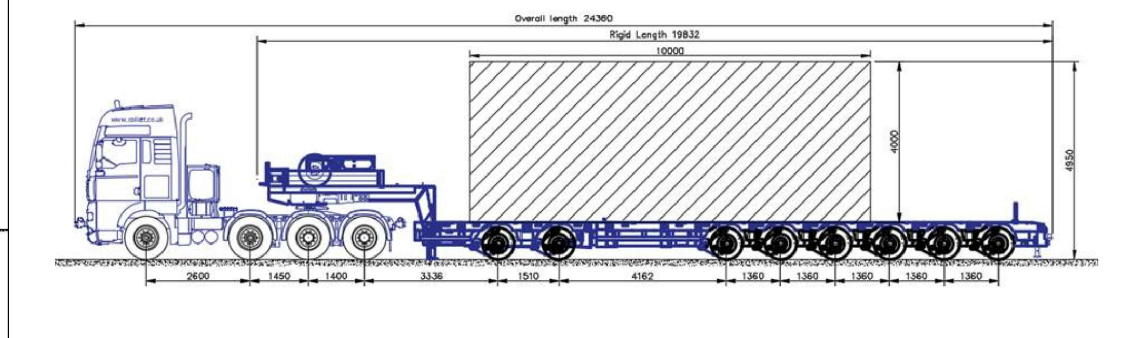
Gate Coordinates	51.745997°, -1.343199°
Vehicles	26-Axle Girder Set S 81 trailer



26-Axle Girder Set:



S 81 trailer:



Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1030
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1:500

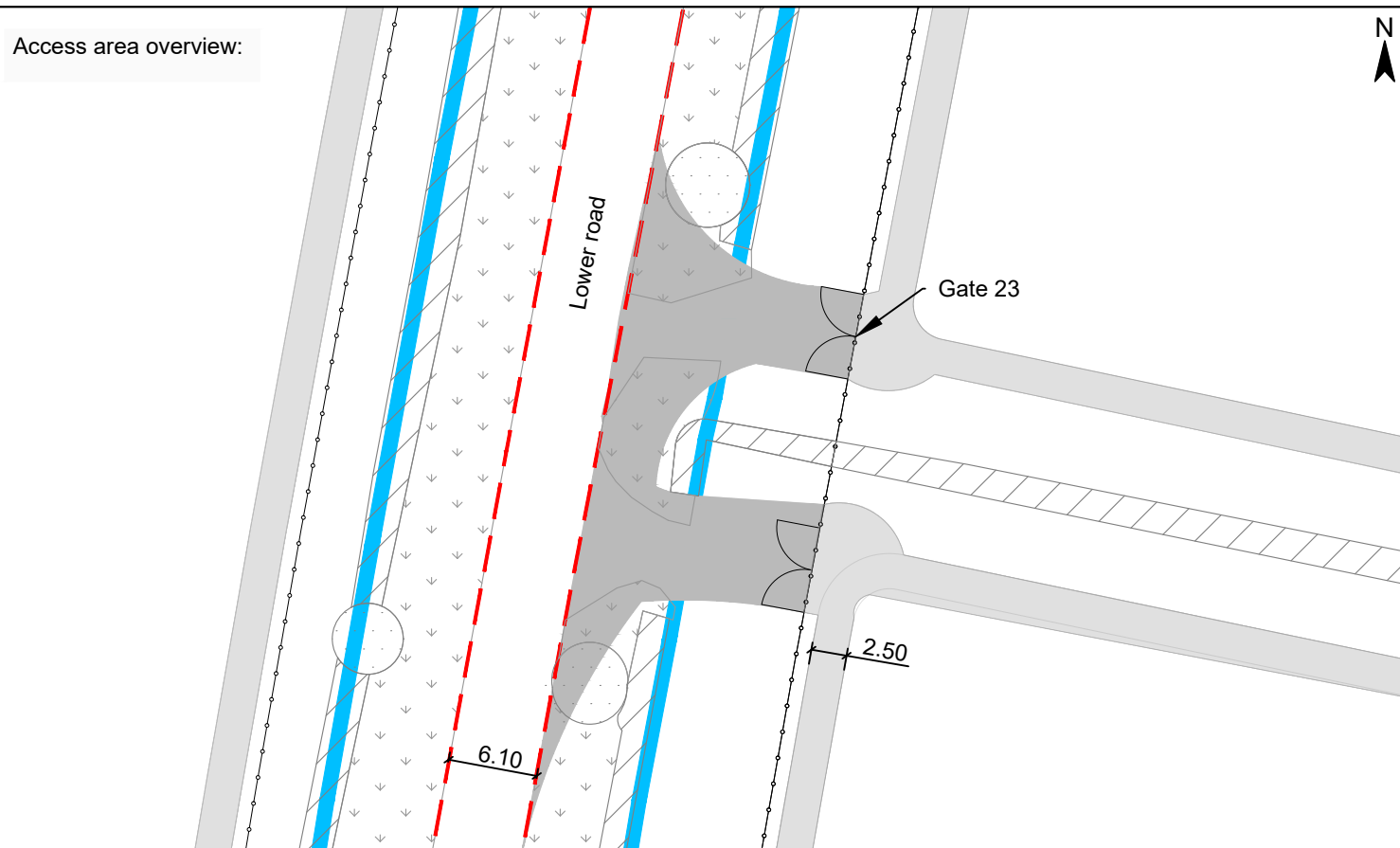
Title

Access Drawing Botley West
Gate No. 8 (Gate ID: S-G8)
Main and secondary substation transport

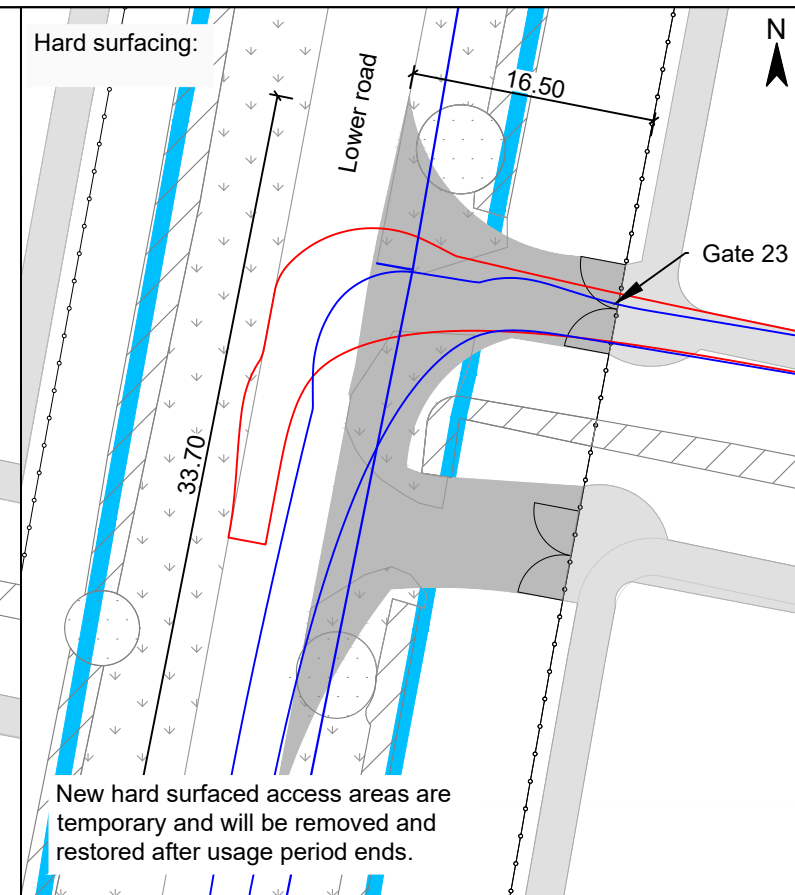
Photovoltaic Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany

The special conditions apply to the drawing and are not to be used for other projects without the permission of the author.

Access area overview:



Hard surfacing:

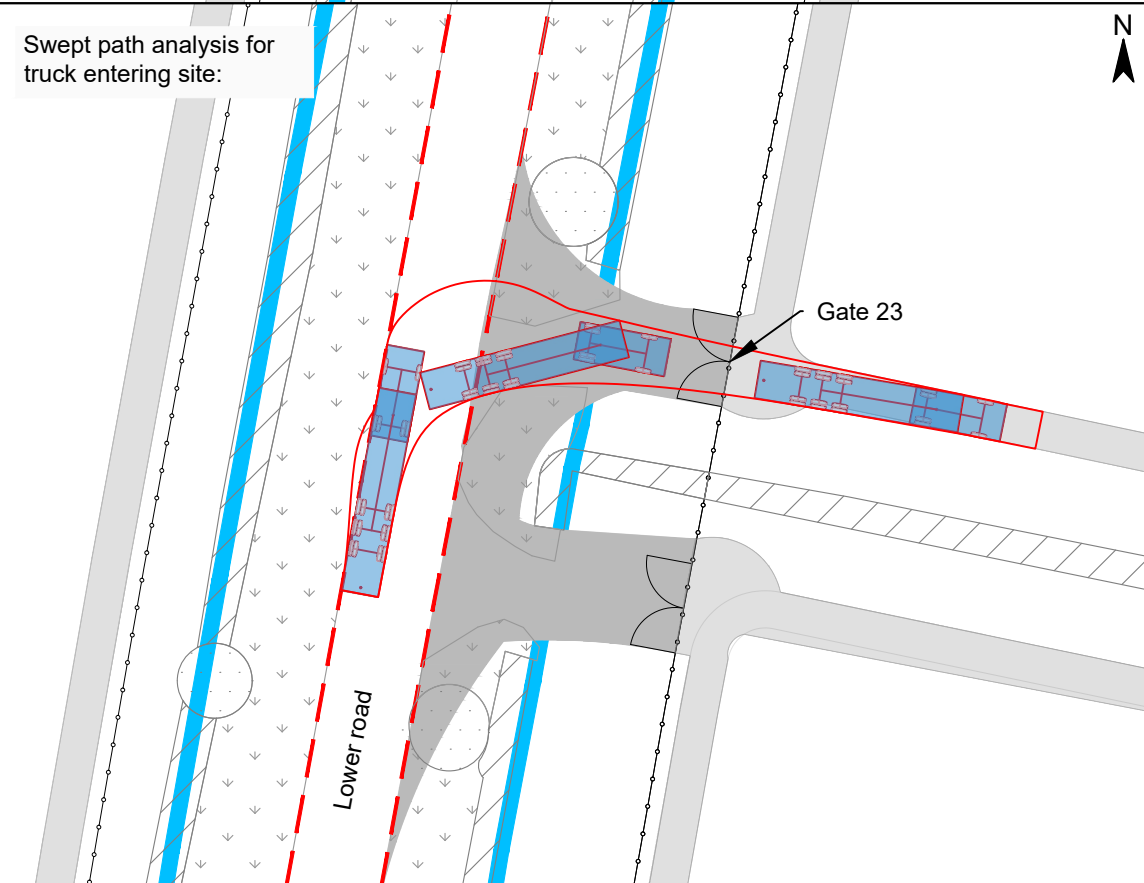


Legend

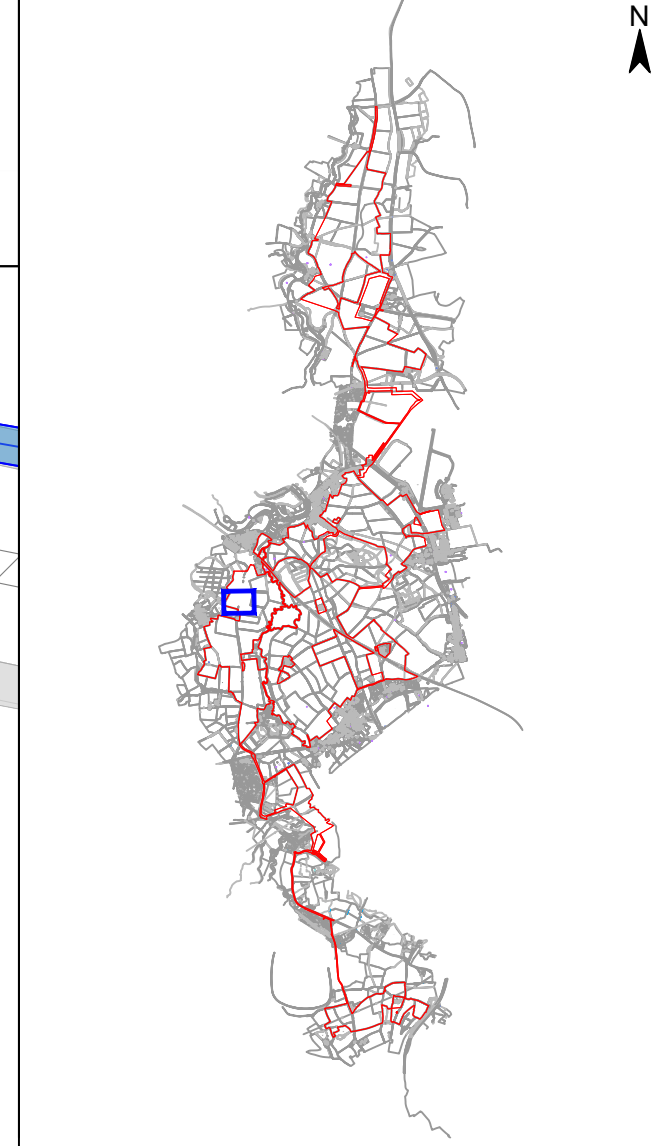
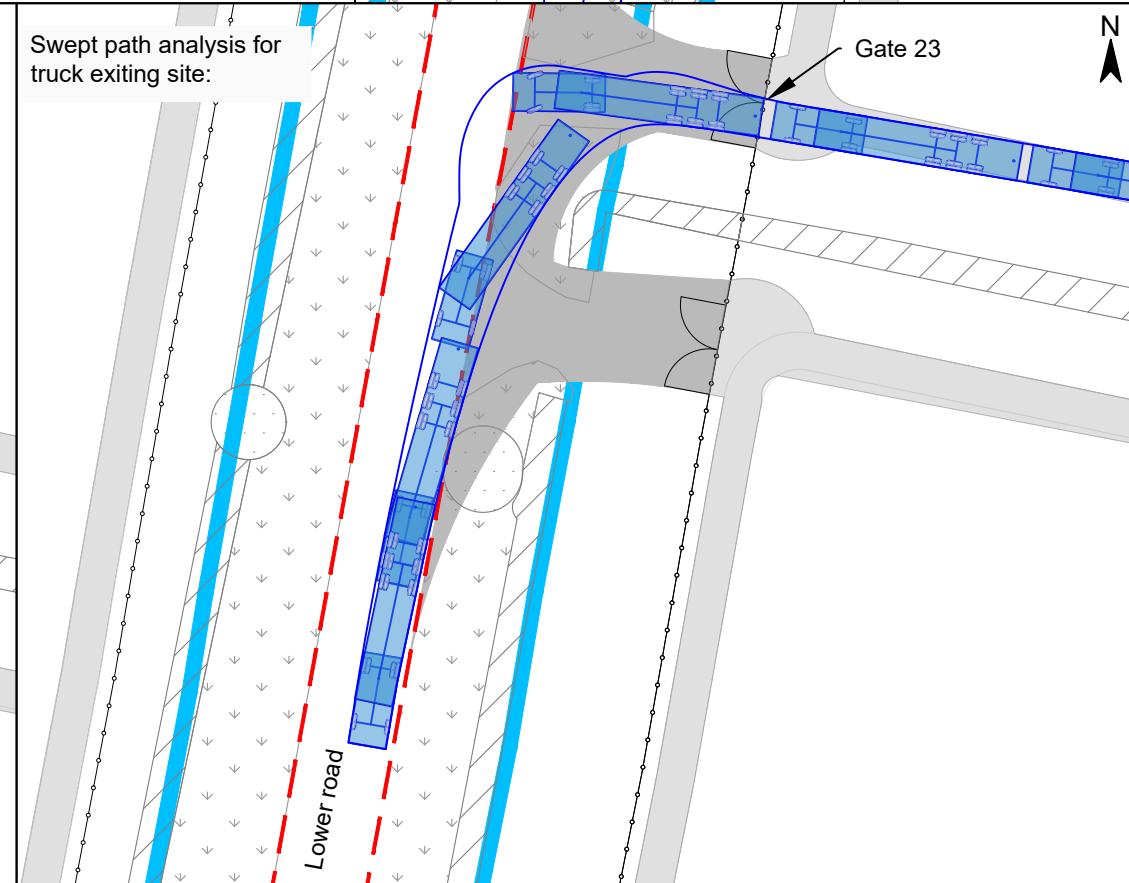
- Gate
- Fence
- Landscape Boundary
- Carriageway
- Adopted Highway Boundary
- Hedge
- Tree
- Grass
- Hard surface
- Maintenance road

Gate Coordinates	51.814268°, -1.371693°
Vehicle	TUG 40to

Swept path analysis for truck entering site:



Swept path analysis for truck exiting site:



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Truck Unit General (TUG), 40to.:

M 1:200

Width: 2.50m

Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1003
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

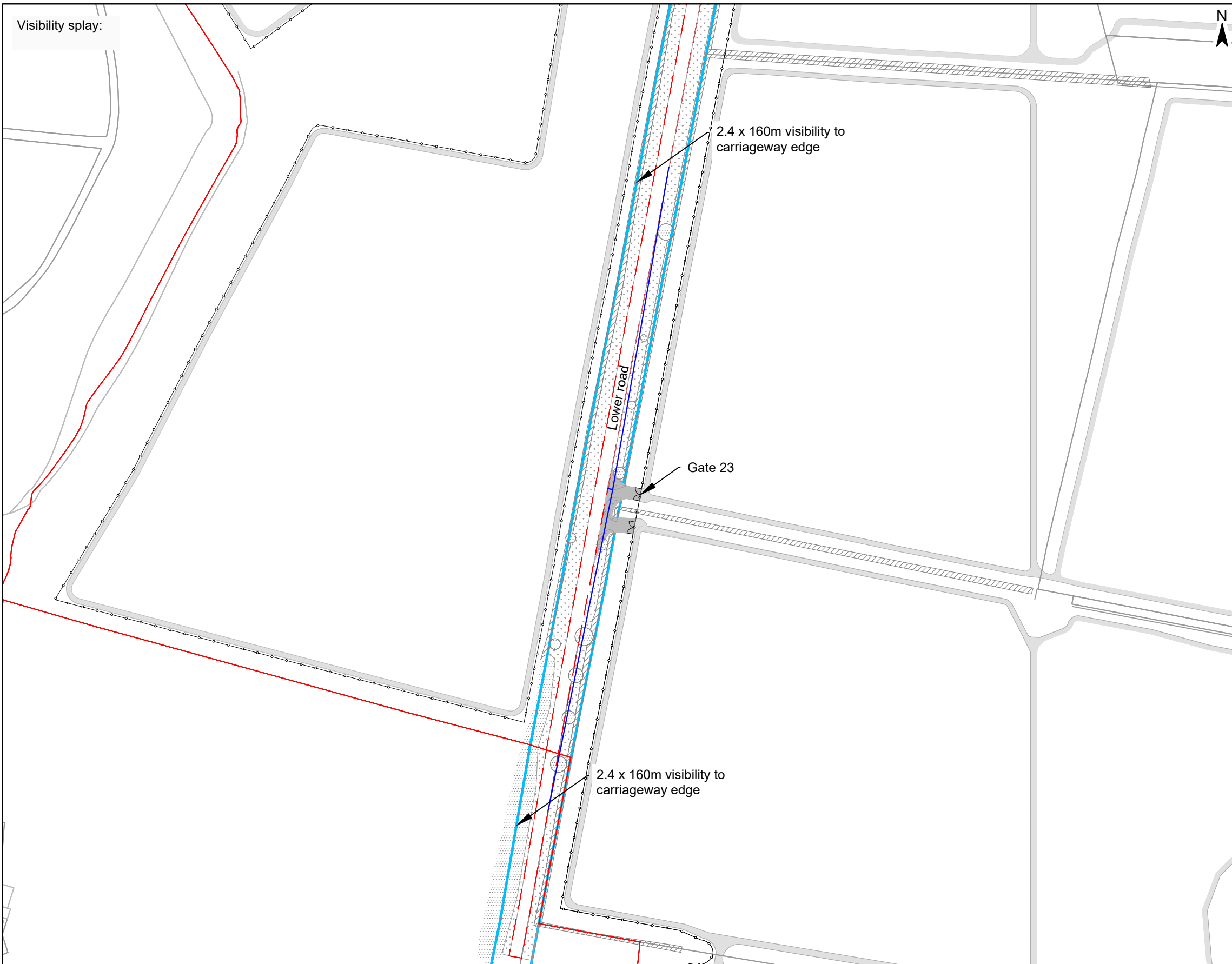
Scale: 1:500

Title

Access Drawing Botley West
Gate No. 23 (Gate ID: MS-G23)

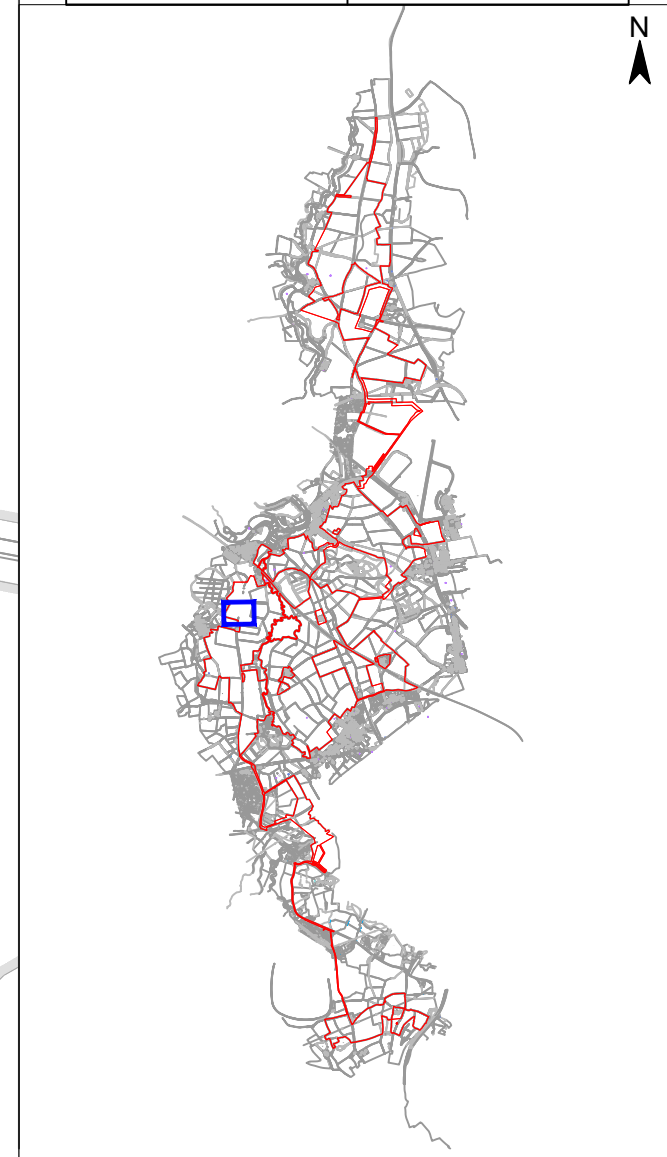
Photovoltaic Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany

Visibility splay:



Legend	
Gate	
Fence	
Landscape Boundary	
Site Boundary	
Carriageway	
Adopted Highway Boundary	
Visibility	
Hedge	
Tree	
Grass	
Hard surface	
Maintenance road	

Gate Coordinates 51.814268°, -1.371693°




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Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1003
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

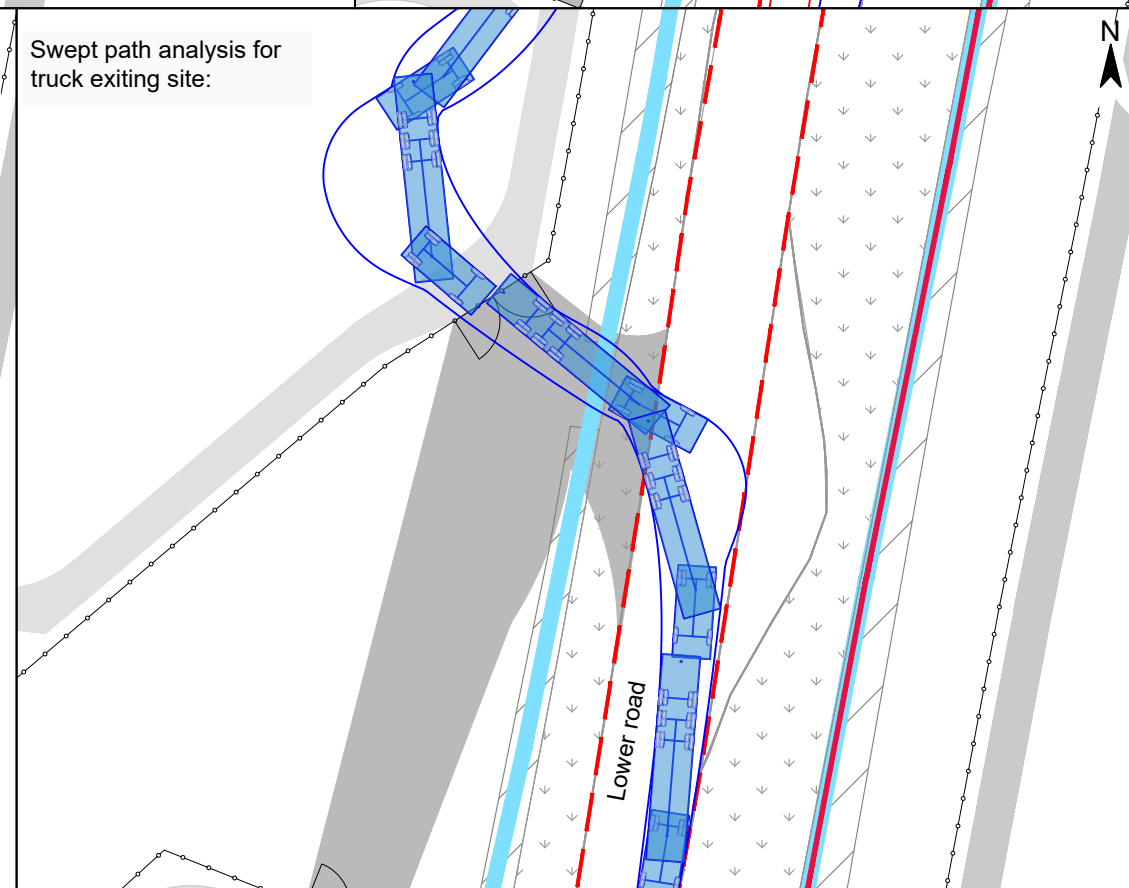
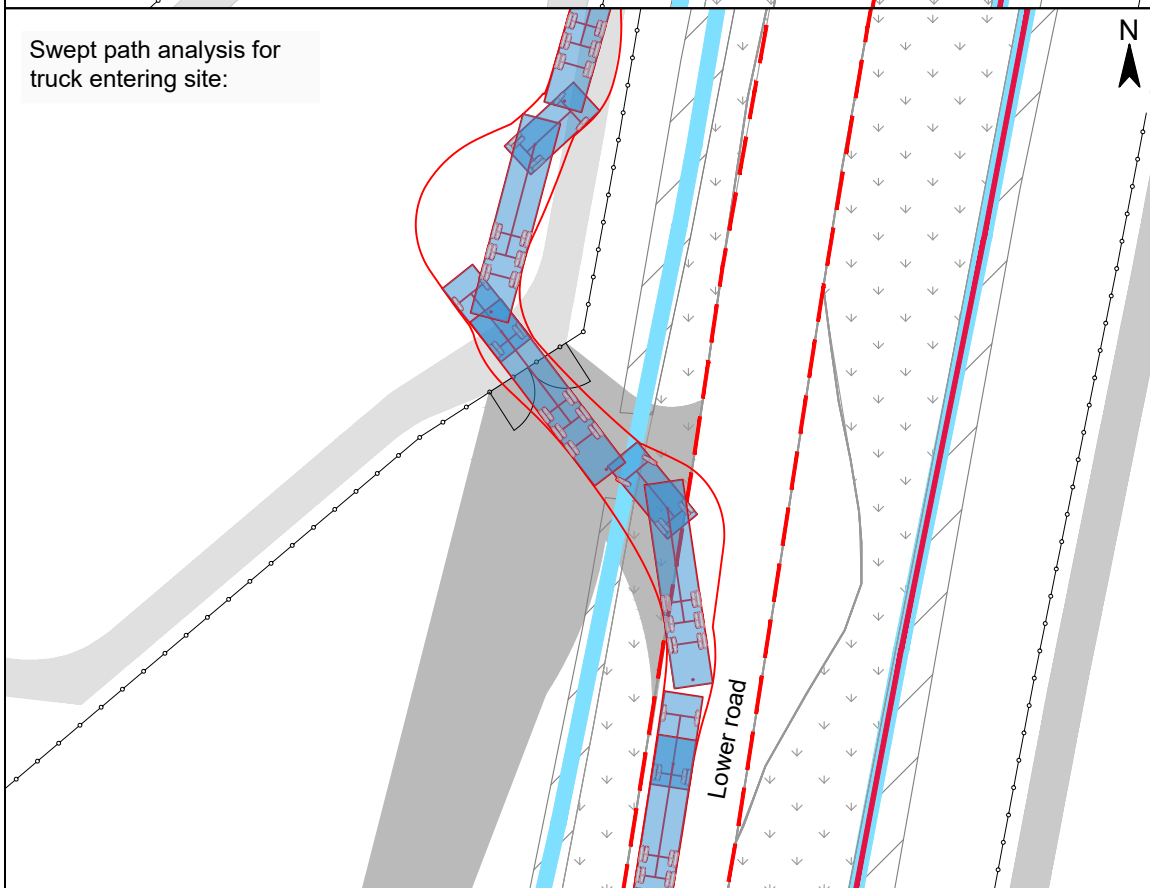
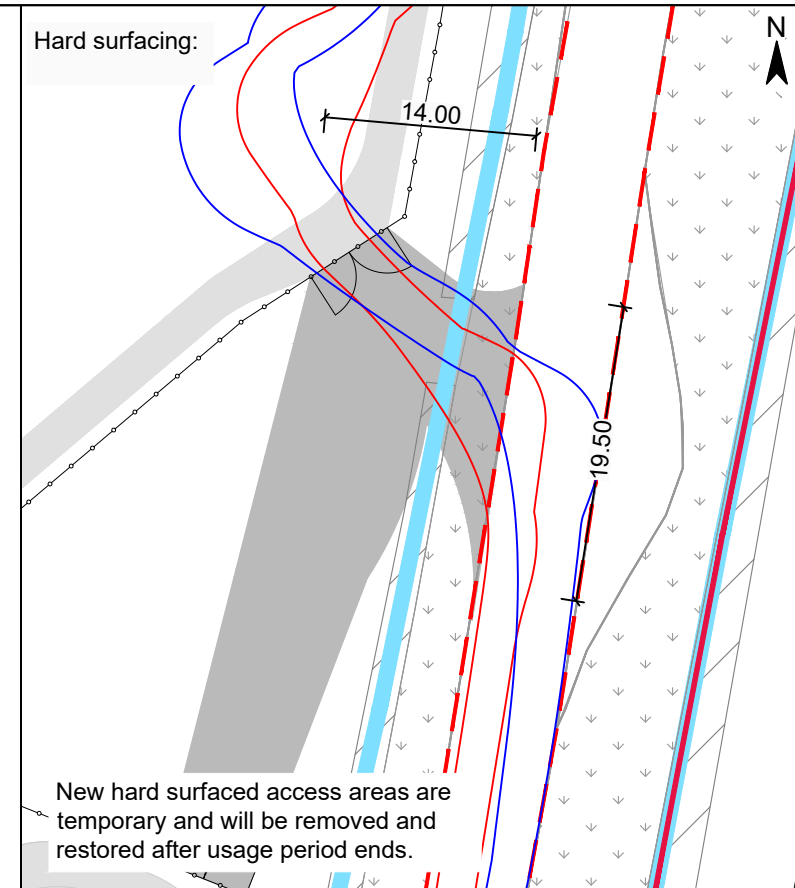
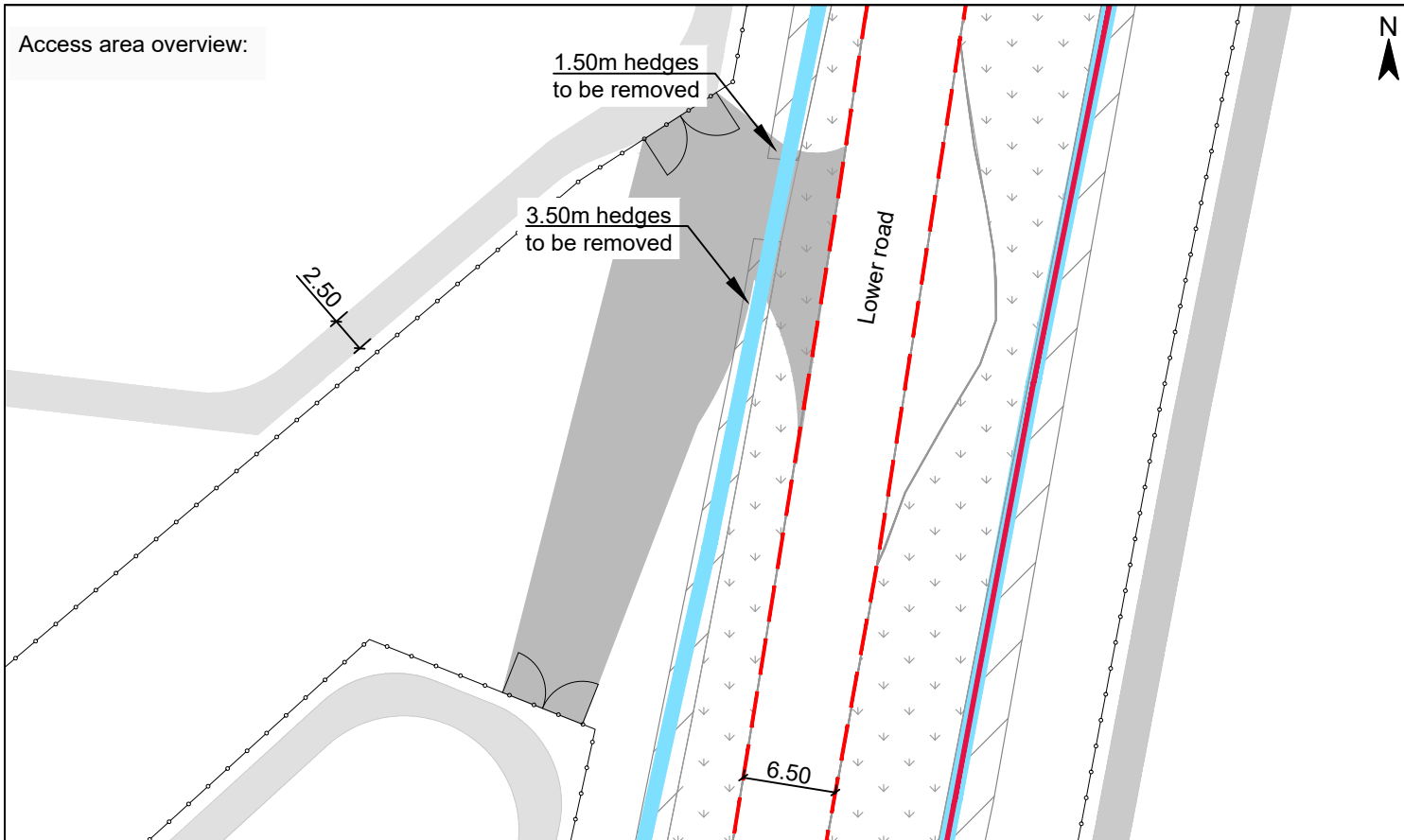
Scale: 1 : 2000

Title

Access Drawing Botley West
Gate No. 23 (Gate ID: MS-G23)



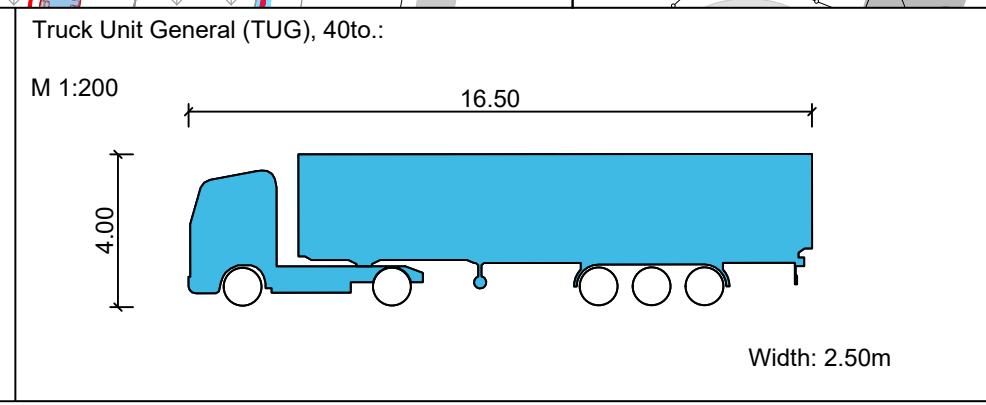
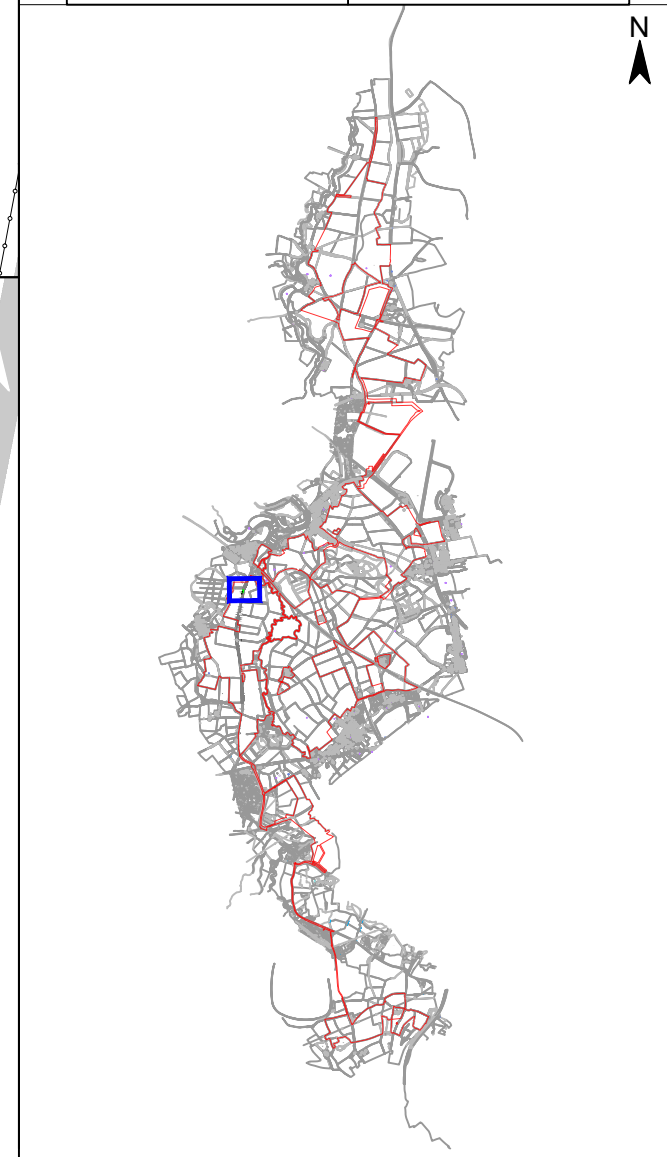
Photovoltaic Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany



Legend

- Gate:
- Fence:
- Landscape Boundary:
- Site Boundary:
- Carriageway:
- Adopted Highway Boundary:
- Hedge:
- Tree:
- Grass:
- Hard surface:
- Maintenance road:

Gate Coordinates	51.817965°, -1.370958°
Vehicle	TUG 40to



Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1008
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1:500

Title

Access Drawing Botley West
Gate No. 25 (Gate ID: MS-G25)

Photovoltaic Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany

Visibility splay:

2.4 x 160m visibility to center of carriageway
 2.4 x 160m visibility to carriageway edge

Visibility to tangent (40m) carriageway edge

Gate 25
 Access to highway

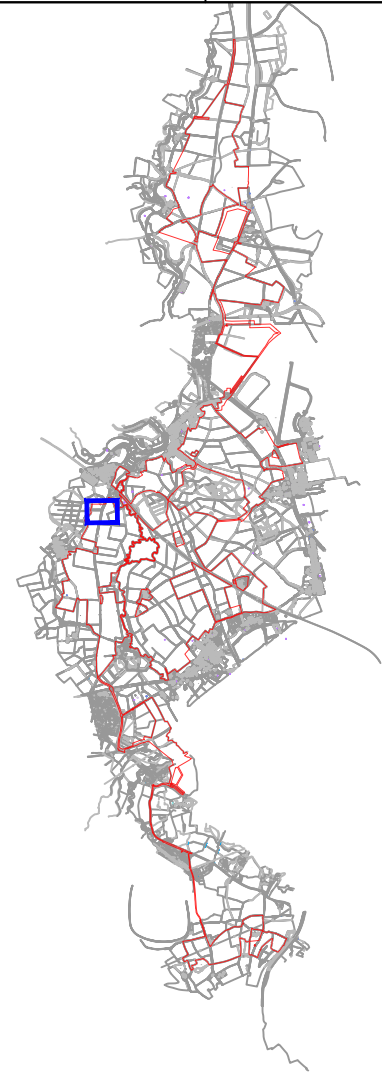
2.4 x 160m visibility to carriageway edge

Lower road



Legend	
Gate	
Fence	
Landscape Boundary	
Site Boundary	
Carriageway	
Adopted Highway Boundary	
Visibility	
Visibility to tangent	
Hedge	
Tree	
Grass	
Hard surface	
Maintenance road	

Gate Coordinates 51.817965°, -1.370958°




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Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1008
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1 : 2000

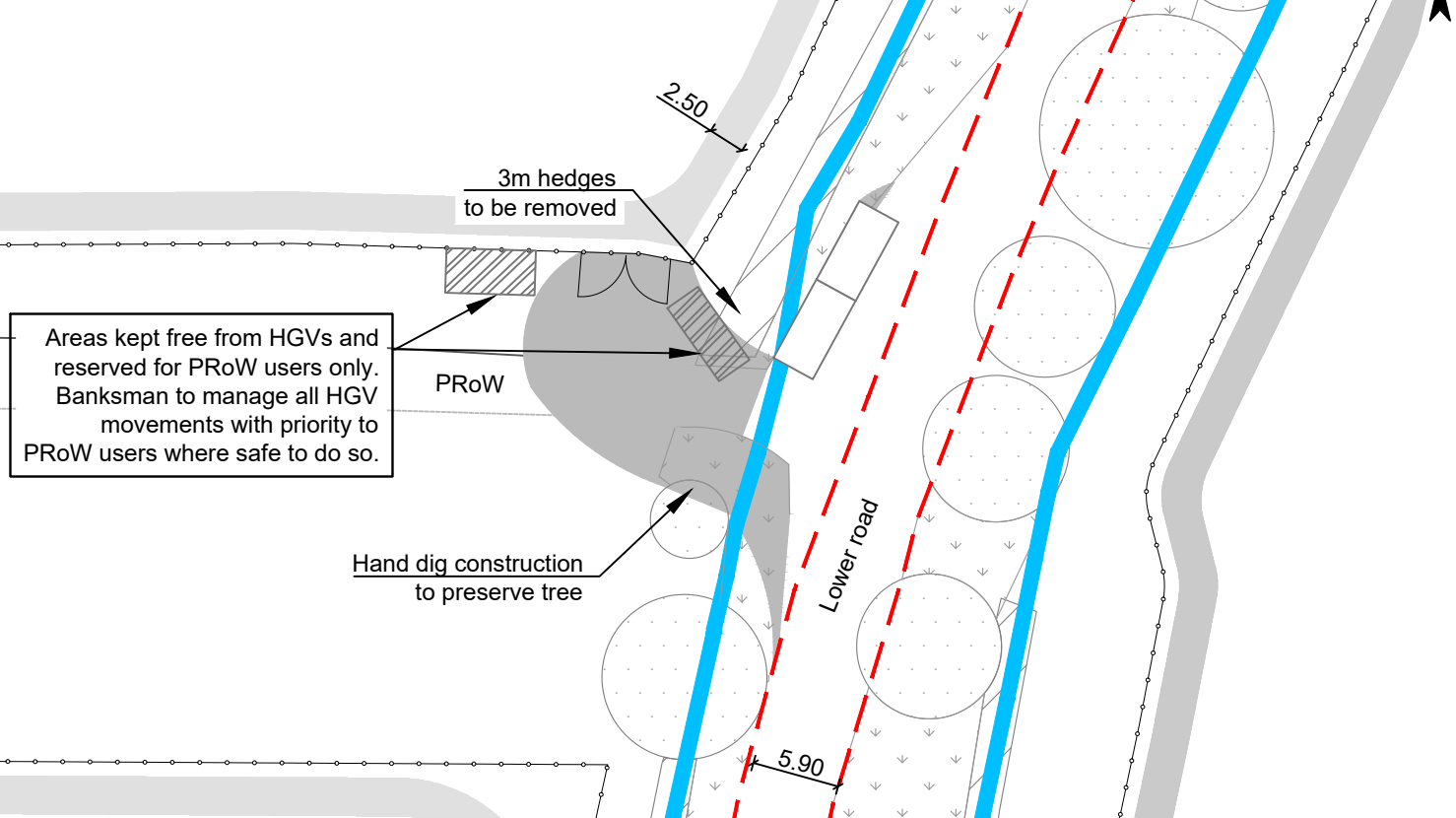
Title

Access Drawing Botley West
 Gate No. 25 (Gate ID: MS-G25)

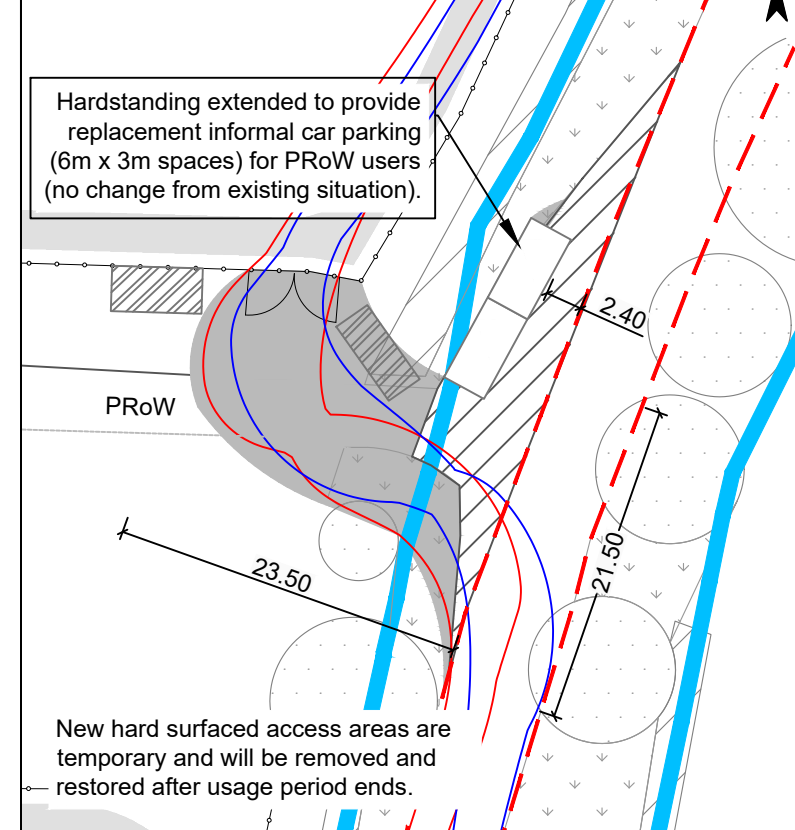


Photovoltaic Development Partners GmbH
 Kurfürstendamm 52
 10707 Berlin, Germany

Access area overview:



Hard surfacing:

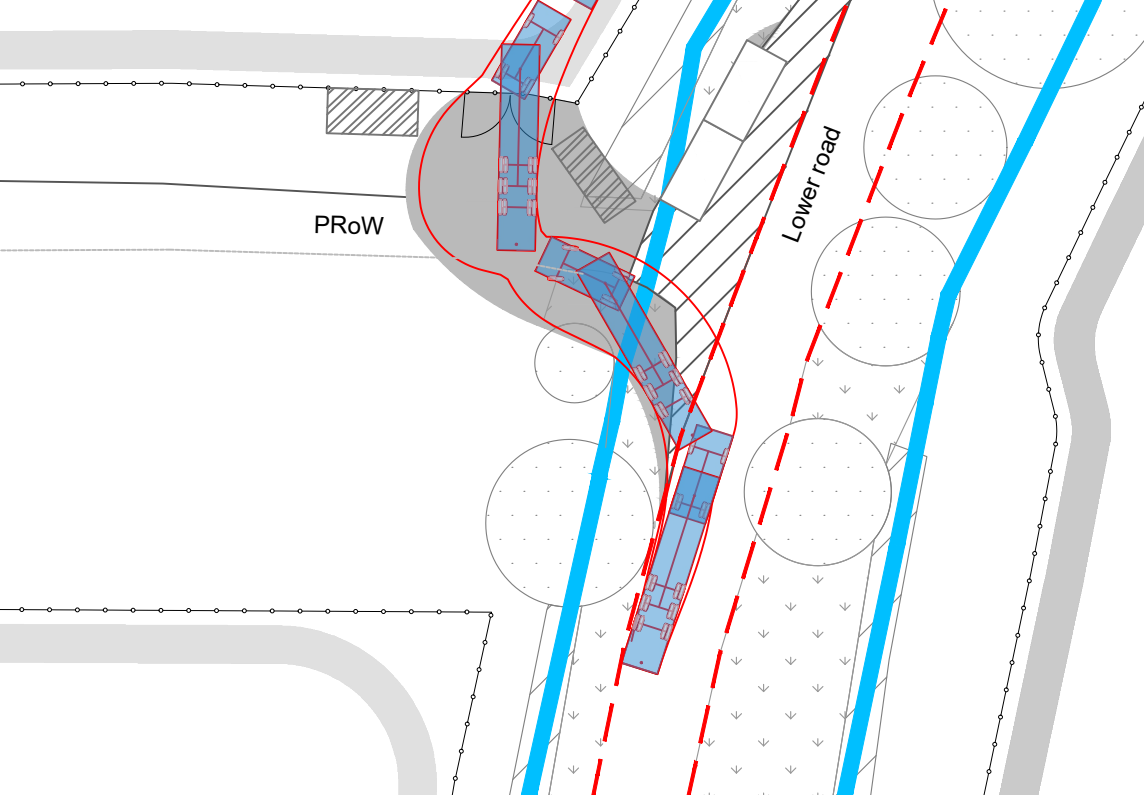


Legend

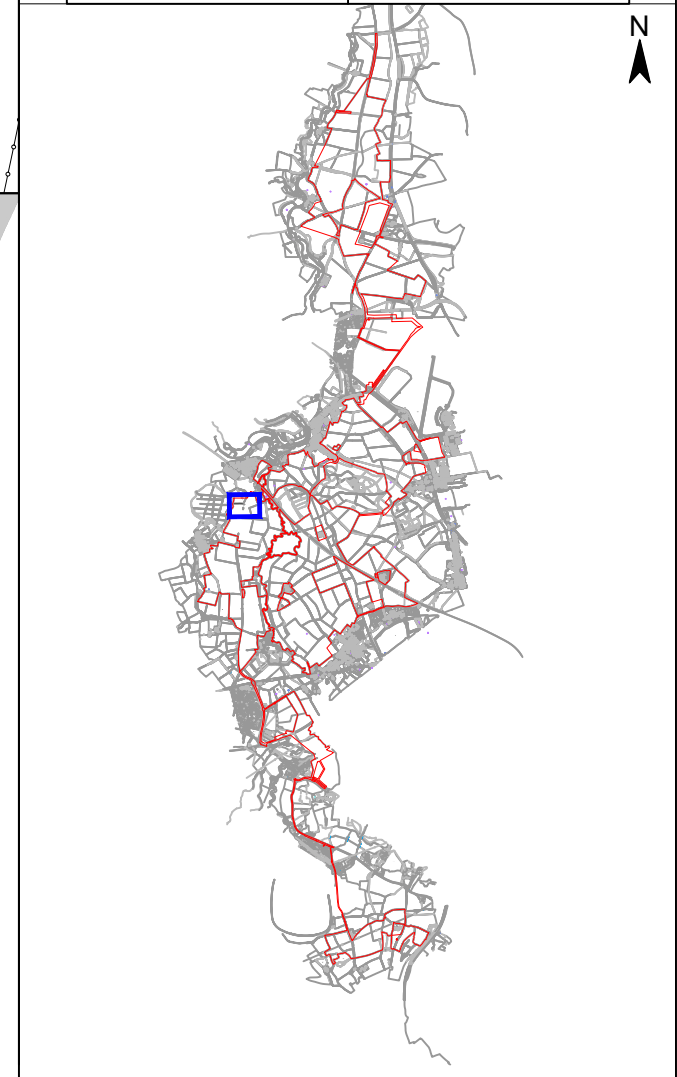
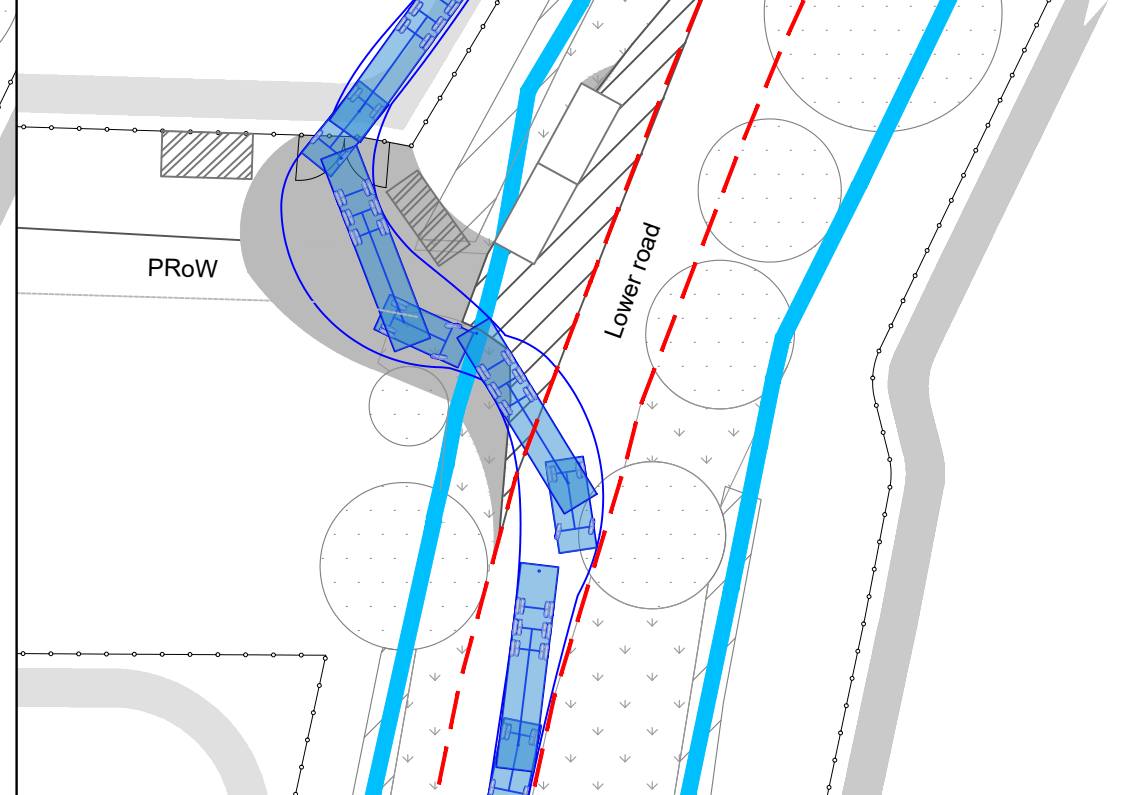
- Gate
- Fence
- Landscape Boundary
- Carriageway
- Adopted Highway Boundary
- Hedge
- Tree
- Grass
- Hard surface
- Existing hard surface
- Kept free for PRow users
- Maintenance road

Gate Coordinates	51.818725°, -1.370770°
Vehicle	TUG 40to

Swept path analysis for truck entering site:



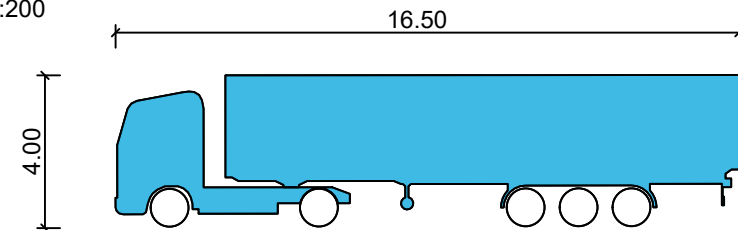
Swept path analysis for truck exiting site:



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Truck Unit General (TUG), 40to.:

M 1:200



Width: 2.50m

Project		Botley West Solar Farm		Status		Final	
				Date	Name		
				Edit	30.10.2024	K. Lueken	
				Check	30.10.2024	H. Trabelsi	
				Approval	30.10.2024	D. Archibald	
				Drawing No	prj-01-1010		
A	Basic	30.10.2024	KL				
Id.	Changes	Date	Name				

Scale: 1:500

Title

Access Drawing Botley West
Gate No. 26 (Gate ID: MS-G26)

Photovoltaic Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany

Visibility splay:

2.4 x 215m visibility to carriageway edge

2.4 x 160m visibility to carriageway edge

Gate 26

PRoW

Access to highway

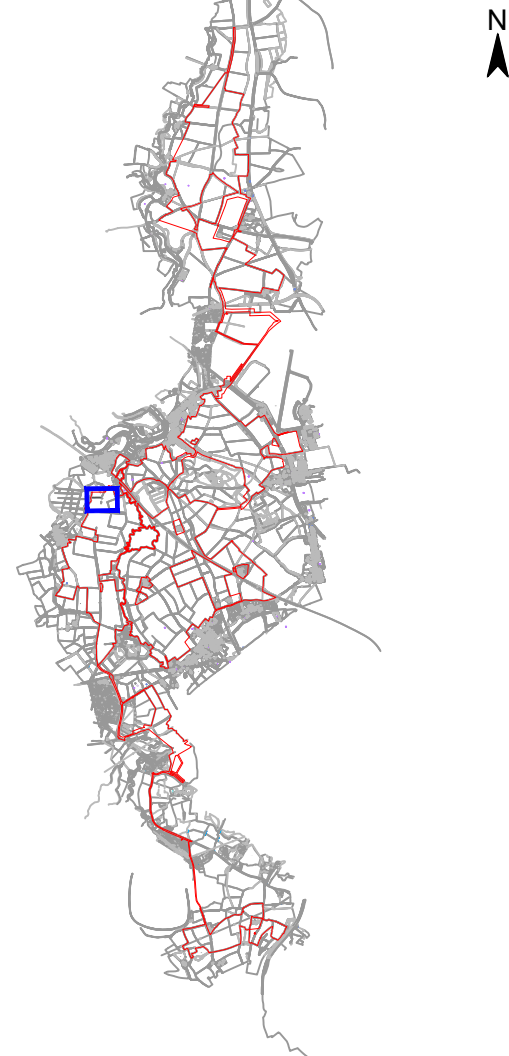
Lower road

2.4 x 160m visibility to carriageway edge

2.4 x 215m visibility to carriageway edge

Legend	
Gate	
Fence	
Landscape Boundary	
Site Boundary	
Carriageway	
Adopted Highway Boundary	
Visibility	
Hedge	
Tree	
Grass	
Hard surface	
Existing hard surface	
Kept free for PRoW users	
Maintenance road	

Gate Coordinates 51.818725°, -1.370770°




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Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1010
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

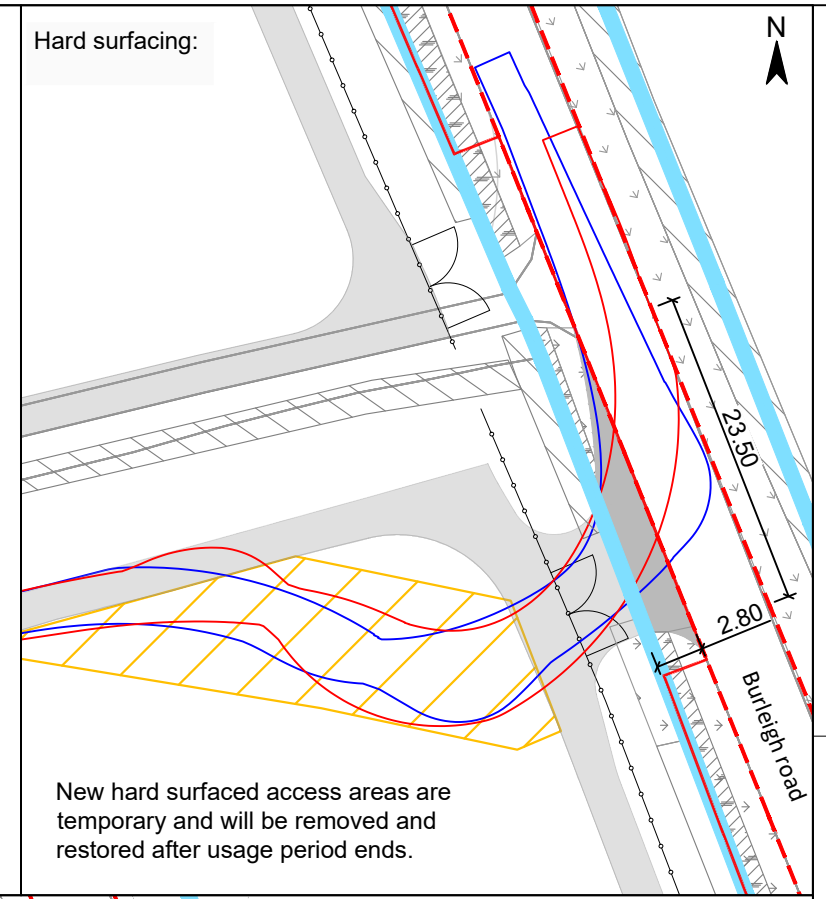
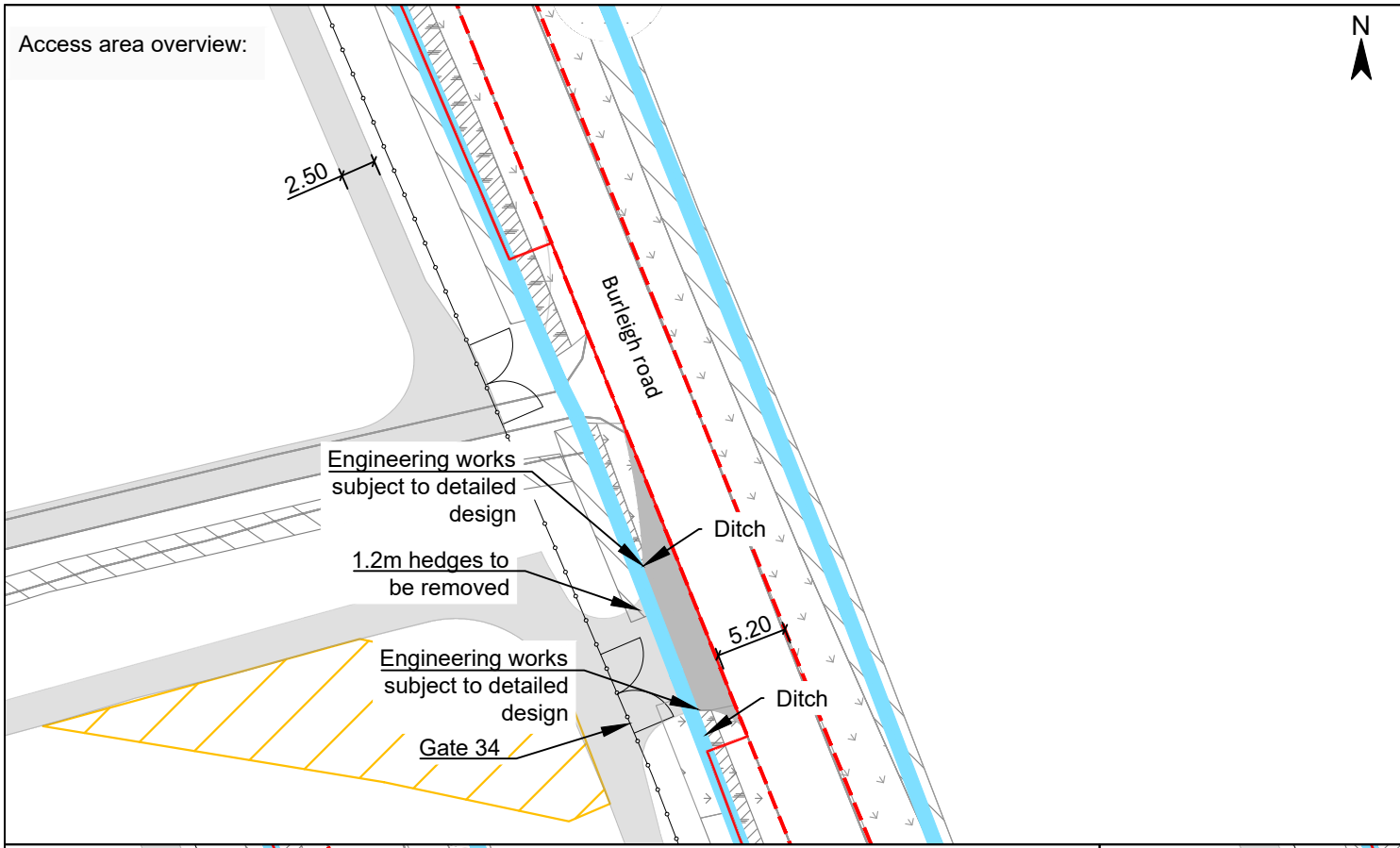
Scale: 1 : 2000

Title

Access Drawing Botley West
Gate No. 26 (Gate ID: MS-G26)



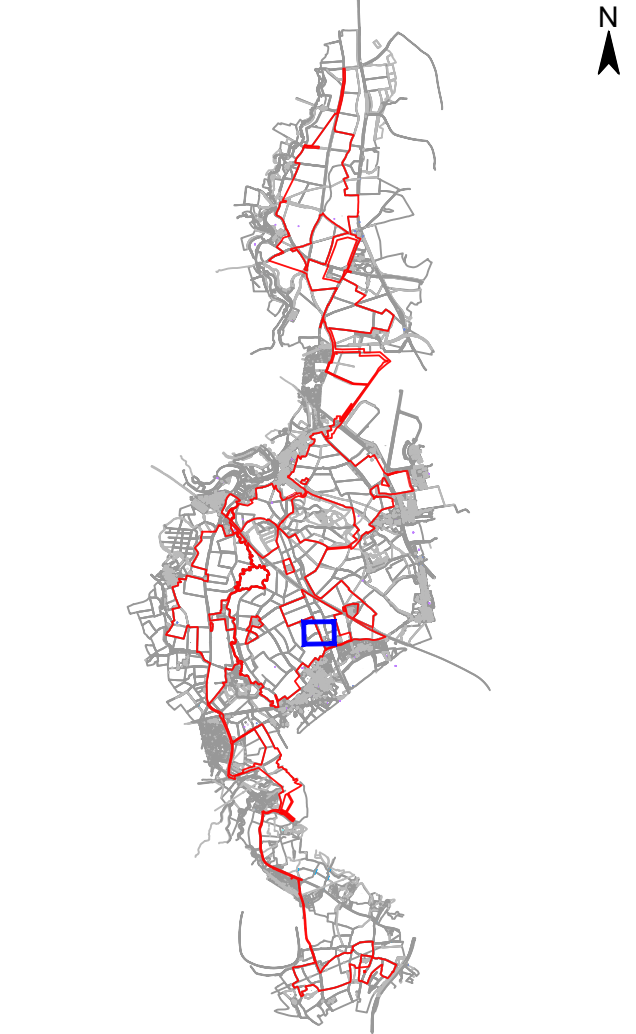
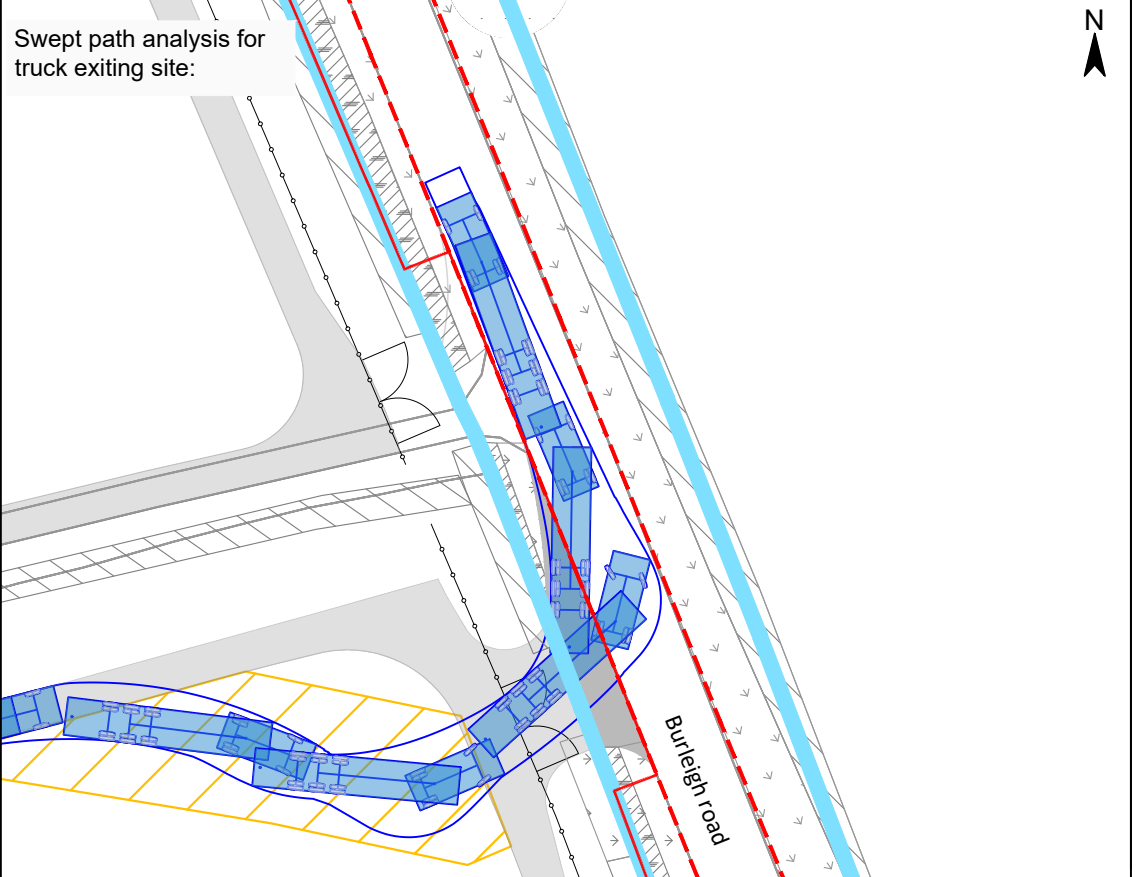
Photovolt Development Partners GmbH
Kurfürstendamm 52
10707 Berlin, Germany



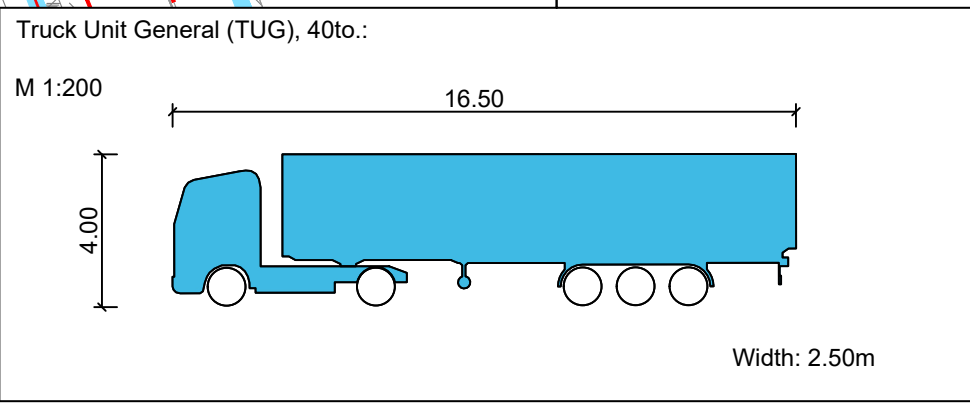
Legend

- Gate
- Fence
- Landscape Boundary
- Site Boundary
- Carriageway
- Adopted Highway Boundary
- Hedge
- Tree
- Grass
- Ditch
- Hard surface
- Temporary hard surface
- Maintenance road

Gate Coordinates	51.802066°, -1.341331°
Vehicle	TUG 40to



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Project		Status	
Botley West Solar Farm		Final	
		Date	Name
		Edit	30.10.2024 K. Lueken
		Check	30.10.2024 H. Trabelsi
		Approval	30.10.2024 D. Archibald
		Drawing No	prj-01-1013
A	Basic	30.10.2024	KL
Id.	Changes	Date	Name

Scale: 1 : 500

Title

Access Drawing Botley West
Gate No. 34 (Gate ID: MS-34)

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Kurfürstendamm 52
10707 Berlin, Germany