

## **Great North Road Solar and Biodiversity Park**

Environmental Statement

Volume 4 - Technical Appendices

Technical Appendix A14.1 - Transport Statement - Appendix E (Passing  
Place Drawings)

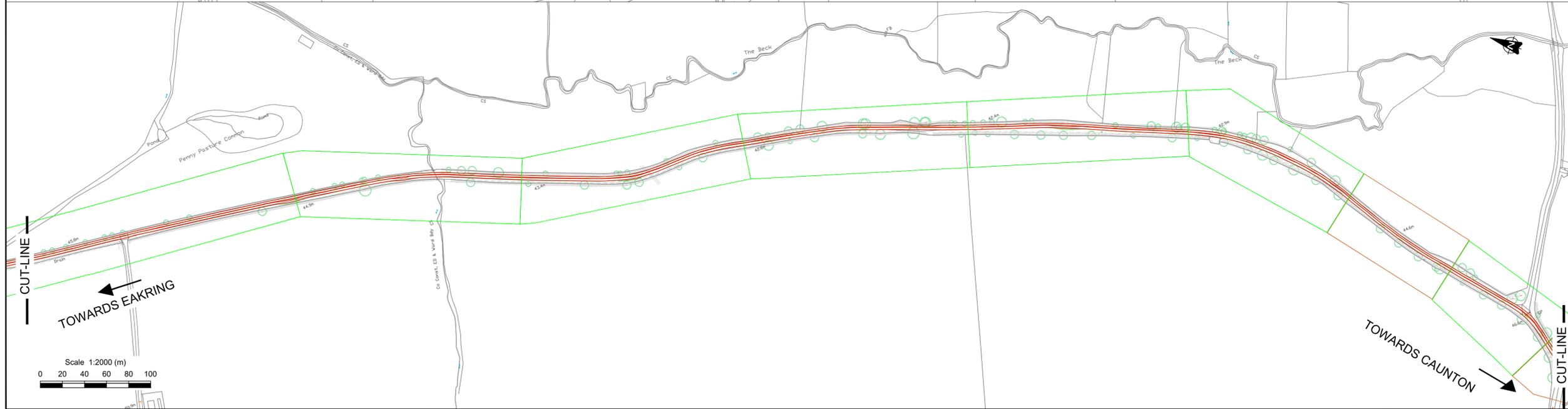
Document Reference - EN010162/APP/6.4.14.1B

Revision number 3

February 2026

Infrastructure Planning (Applications: Prescribed Forms and  
Procedure) Regulations 2009, APFP Regulation 5(2)(q)

## **A14.1.13 APPENDIX E – PASSING PLACE DRAWINGS**



**NOTES**

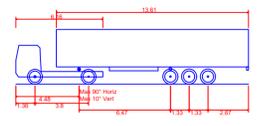
- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

**KEY**

- Vehicles pass with separation
- Vehicles pass with limited separation
- Vehicles unable to pass within road space

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2026. All rights reserved. Licence number 10006882.

**VEHICLES USED FOR TRACKING**

	<b>Standard Design Vehicle (SDV)</b>	4.800m
	Overall Length	2.090m
	Overall Width	1.950m
	Overall Body Height	0.100m
	Min Body Ground Clearance	2.000m
	Track Width	4.000m
	Lock to lock time	6.000m
	Wall to Wall Turning Radius	
	<b>FTA Design Articulated Vehicle (1998)</b>	16.480m
	Overall Length	2.550m
	Overall Width	3.870m
	Overall Body Height	0.150m
	Min Body Ground Clearance	2.470m
	Max Track Width	3.000m
	Lock to lock time	6.550m
	Kerb to Kerb Turning Radius	

Rev.	Date	Revision Details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

**SYSTRA**  
www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne  
NE1 1LE

T 0191 249 3816  
E uk\_newcastle@systra.com

Client: ELEMENTS GREEN TRENT LTD.

Project: GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title: CONSTRUCTION ROUTE SWEEP PATH ANALYSIS- MAPLEBECK ROAD SHEET 1 OF 2

Drawn: FW	Checked: SE	Approved: SE
Original dwg. size: A1	Date: 14.01.25	Scale: AS INDICATED
Drawing Status: INFORMATION	Drawing Number: 23D07-SPA01	Rev:

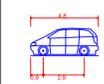


- NOTES**
1. Do not scale from this drawing.
  2. All dimensions are in metres unless otherwise stated.
  3. This drawing is for planning purposes only.

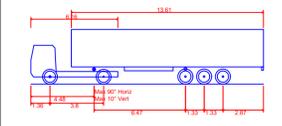
- KEY**
- Vehicles pass with separation
  - Vehicles pass with limited separation
  - Vehicles unable to pass within road space

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2026. All rights reserved. Licence number 100066882.

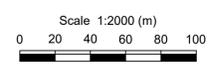
**VEHICLES USED FOR TRACKING**



Standard Design Vehicle (SDV)	4.800m
Overall Length	2.000m
Overall Width	1.950m
Overall Body Height	0.100m
Min Body Ground Clearance	2.000m
Track Width	4.00s
Lock to lock time	6.000m
Wall to Wall Turning Radius	



FTA Design Articulated Vehicle (1998)	16.480m
Overall Length	2.550m
Overall Width	3.870m
Overall Body Height	0.150m
Min Body Ground Clearance	2.470m
Max Track Width	3.00s
Lock to lock time	6.550m
Kerb to Kerb Turning Radius	



Rev.	Date	Revision Details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

**SYSTRA**  
www.systra.co.uk

Milburn House,  
Dean Street  
Newcastle upon Tyne  
NE1 1LE

T 0191 249 3816  
E uk\_newcastle@systra.com

Client: ELEMENTS GREEN TRENT LTD.

Project: GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title: CONSTRUCTION ROUTE SWEEPED PATH ANALYSIS- MAPLEBECK ROAD SHEET 2 OF 2

Drawn: FW	Checked: SE	Approved: SE
Original dwg. size: A1	Date: 14.01.25	Scale: AS INDICATED
Drawing Status: INFORMATION	Drawing Number: 23D07-SPA02	Rev:



**NOTES**

1. Do not scale from this drawing.
2. All dimensions are in metres unless otherwise stated.
3. This drawing is for planning purposes only.

**KEY**

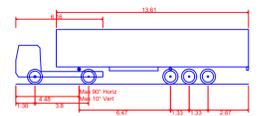
- Vehicles pass with separation
- Vehicles pass with limited separation
- Vehicles unable to pass within road space

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2026. All rights reserved. Licence number 100066882.

**VEHICLES USED FOR TRACKING**



<b>Standard Design Vehicle (SDV)</b>	
Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to lock time	4.00s
Wall to Wall Turning Radius	6.000m



<b>FTA Design Articulated Vehicle (1998)</b>	
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	6.550m

Rev.	Date	Revision Details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



Milburn House,  
Dean Street  
Newcastle upon Tyne  
NE1 1LE

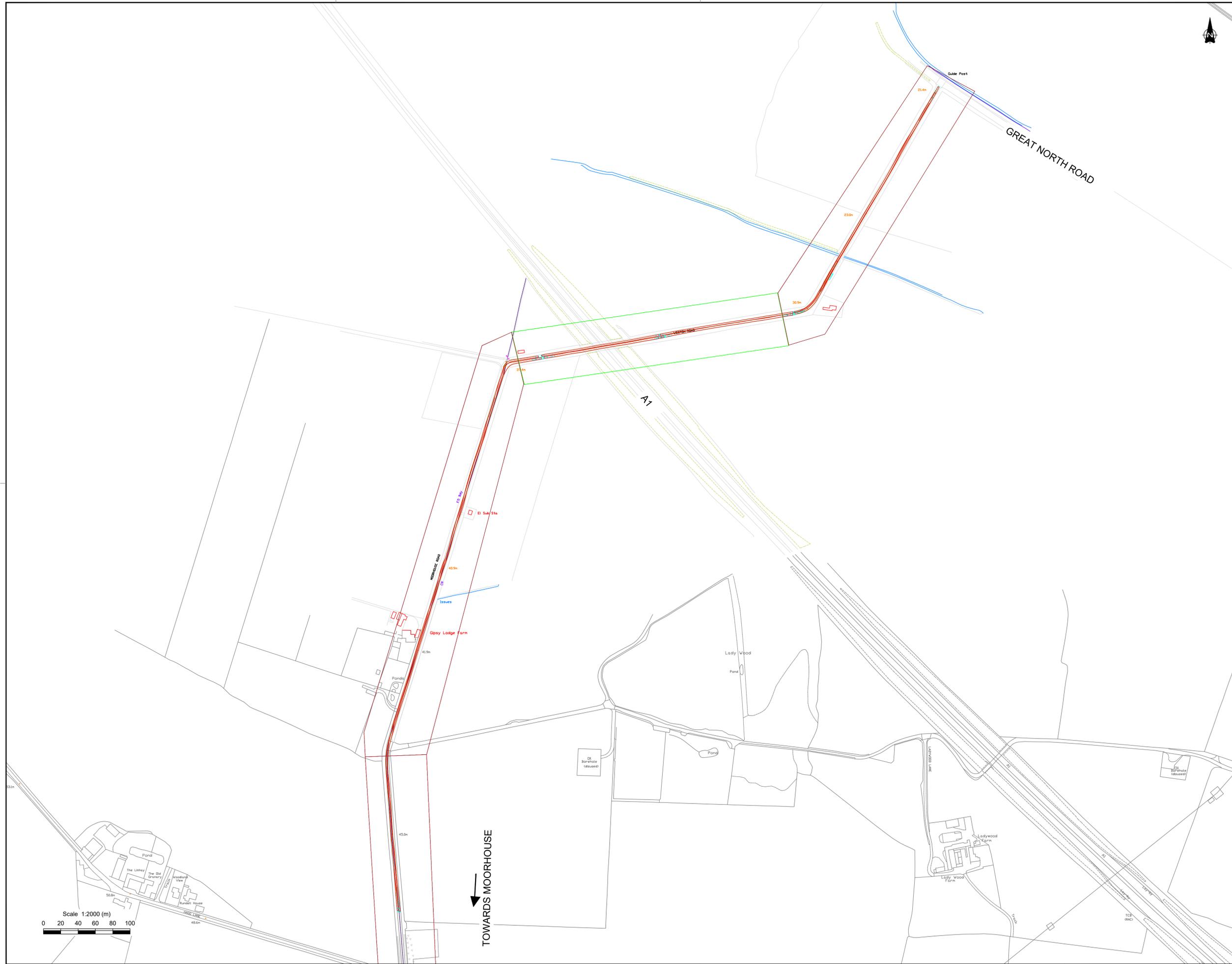
T 0191 249 3816  
E uk\_newcastle@systra.com

Client: ELEMENTS GREEN TRENT LTD.

Project: GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title: CONSTRUCTION ROUTE SWEEP PATH ANALYSIS- MOORHOUSE ROAD & WESTON ROAD SHEET 1 OF 1

Drawn: FW	Checked: SE	Approved: SE
Original dwg. size: A1	Date: 14.01.25	Scale: AS INDICATED
Drawing Status: INFORMATION	Drawing Number: 23D07-SPA03	Rev:



Scale 1:2000 (m)  
0 20 40 60 80 100

TOWARDS MOORHOUSE



- NOTES**
1. Do not scale from this drawing.
  2. All dimensions are in metres unless otherwise stated.
  3. This drawing is for planning purposes only.

- KEY**
- Vehicles pass with separation
  - Vehicles pass with limited separation
  - Vehicles unable to pass within road space

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2026. All rights reserved. Licence number 100066882.

**VEHICLES USED FOR TRACKING**

**Standard Design Vehicle (SDV)**

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to lock time	4.00s
Wall to Wall Turning Radius	6.000m

**FTA Design Articulated Vehicle (1998)**

Overall Length	16.480m
Overall Width	2.550m
Overall Body Height	3.870m
Min Body Ground Clearance	0.150m
Max Track Width	2.470m
Lock to lock time	3.03s
Kerb to Kerb Turning Radius	6.550m

Rev.	Date	Revision Details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

**SYSTRA**  
www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne  
NE1 1LE

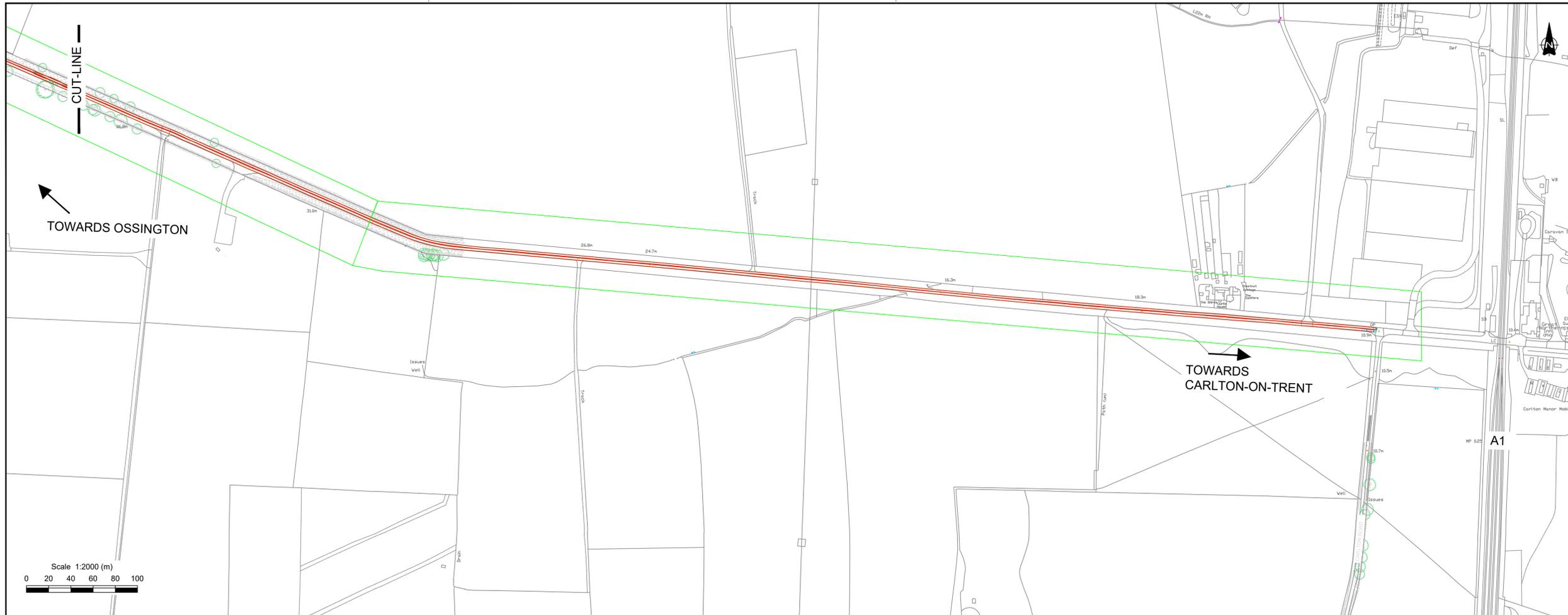
T 0191 249 3816  
E uk\_newcastle@systra.com

Client: ELEMENTS GREEN TRENT LTD.

Project: GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title: CONSTRUCTION ROUTE SWEEP PATH ANALYSIS- OSSINGTON LANE SHEET 1 OF 1

Drawn: FW	Checked: SE	Approved: SE
Original dwg. size: A1	Date: 14.01.25	Scale: AS INDICATED
Drawing Status: INFORMATION	Drawn Number: 23D07-SPA04	Rev:



- NOTES**
1. Do not scale from this drawing.
  2. All dimensions are in metres unless otherwise stated.
  3. This drawing is for planning purposes only.

- KEY**
- Vehicles pass with separation
  - Vehicles pass with limited separation
  - Vehicles unable to pass within road space

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2026. All rights reserved. Licence number 100066882.

**VEHICLES USED FOR TRACKING**

**Standard Design Vehicle (SDV)**

- Overall Length: 4.800m
- Overall Width: 2.000m
- Overall Body Height: 1.950m
- Min Body Ground Clearance: 0.100m
- Track Width: 2.000m
- Lock to lock time: 4.00s
- Wall to Wall Turning Radius: 6.000m

**FTA Design Articulated Vehicle (1998)**

- 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: 6.550m

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

**SYSTRA**  
www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne  
NE1 1LE

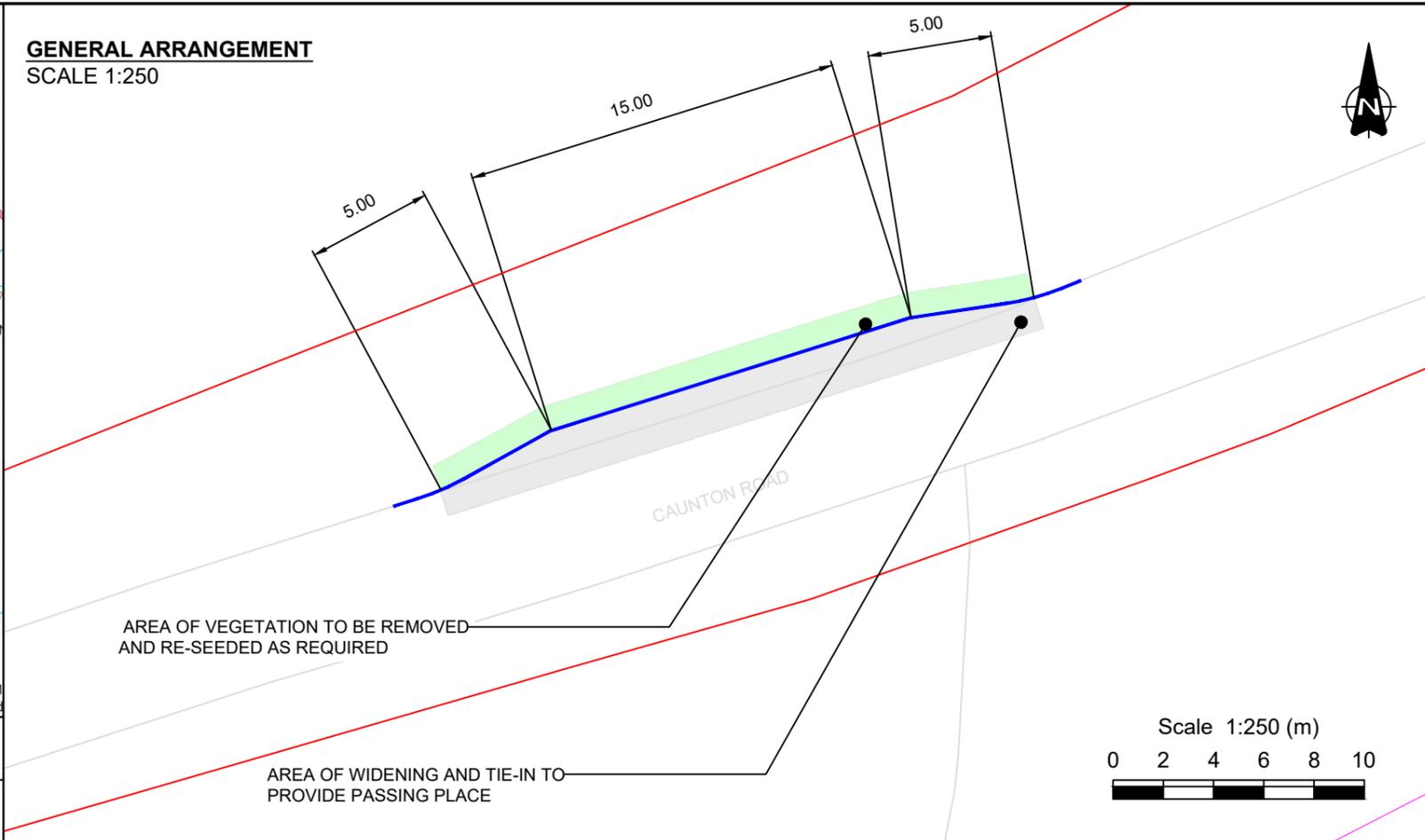
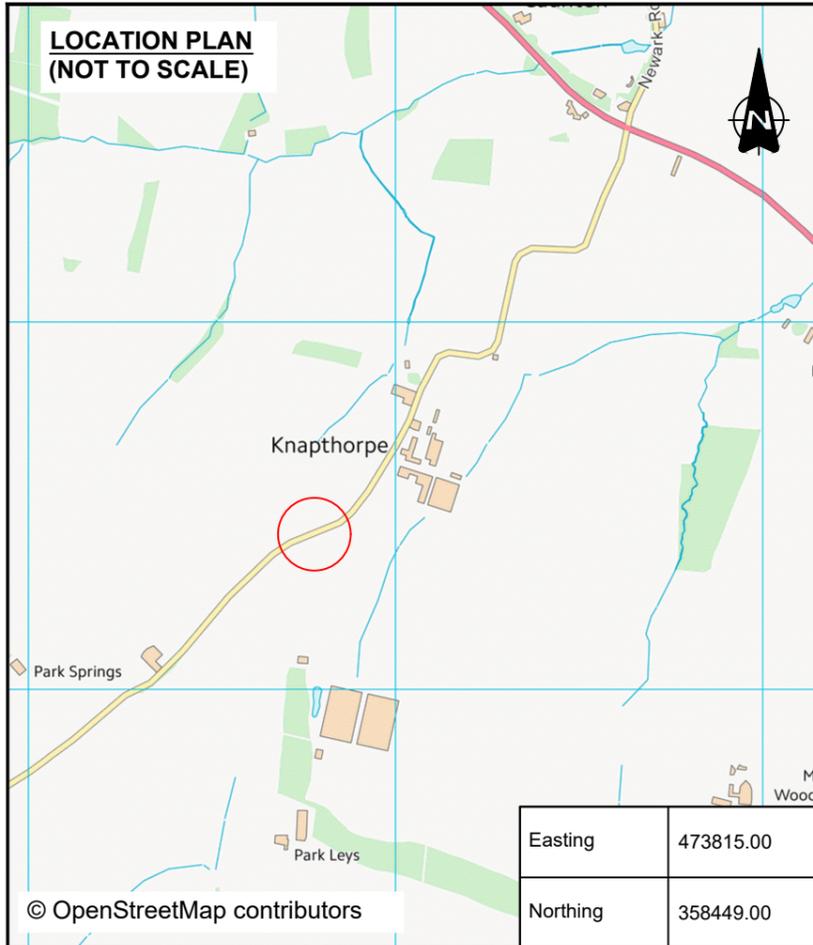
T 0191 249 3816  
E uk\_newcastle@systra.com

Client: ELEMENTS GREEN TRENT LTD.

Project: GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title: CONSTRUCTION ROUTE SWEEP PATH ANALYSIS- OSSINGTON ROAD SHEET 1 OF 1

Drawn: FW	Checked: SE	Approved: SE
Original dwg. size: A1	Date: 14.01.25	Scale: AS INDICATED
Drawing Status: INFORMATION	Drawing Number: 23D07-SPA05	Rev:



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

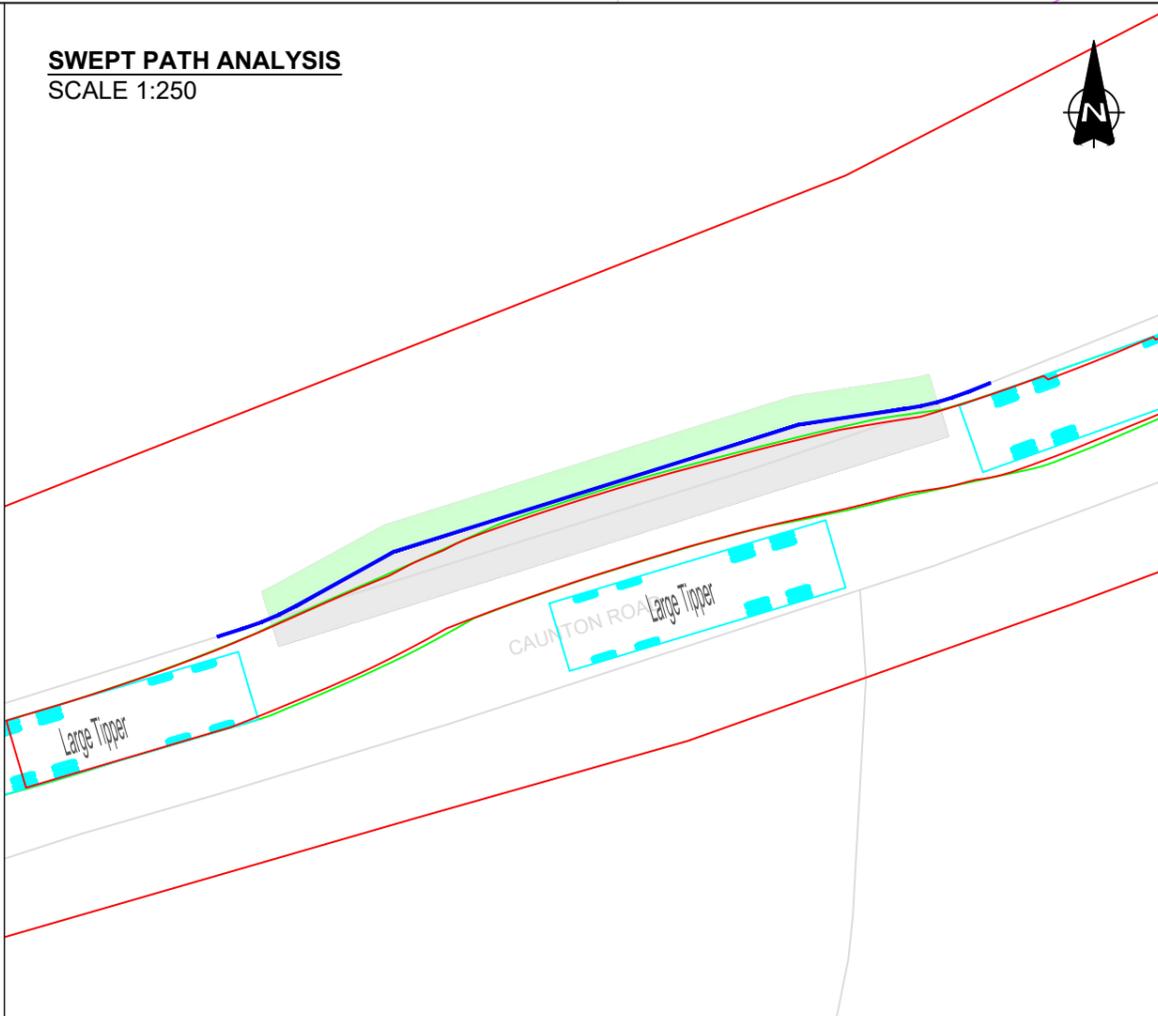
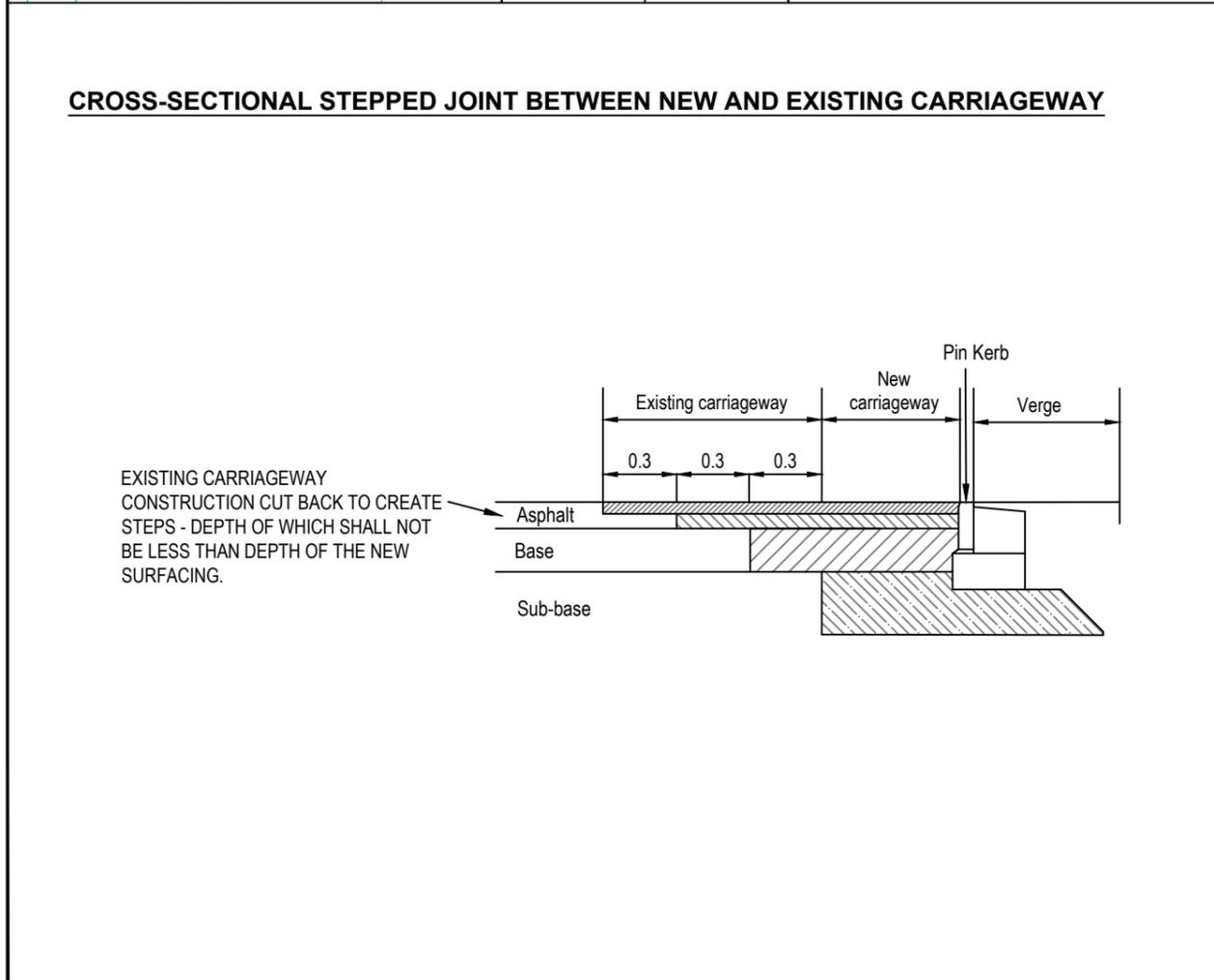
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev.	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

T 0191 249 3816  
E uk\_newcastle@systra.com

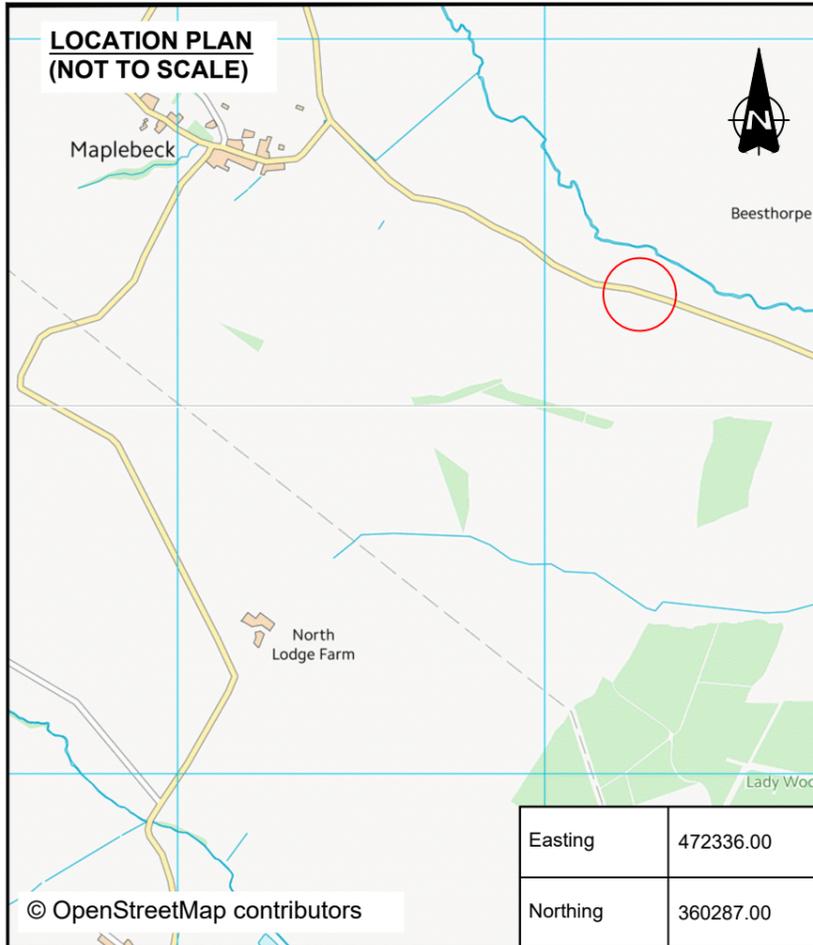
Client: ELEMENTS GREEN TRENT LTD.

Project: GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title: PROPOSED PASSING PLACE LOCATION 1

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK201	Rev.

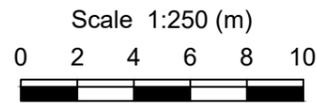
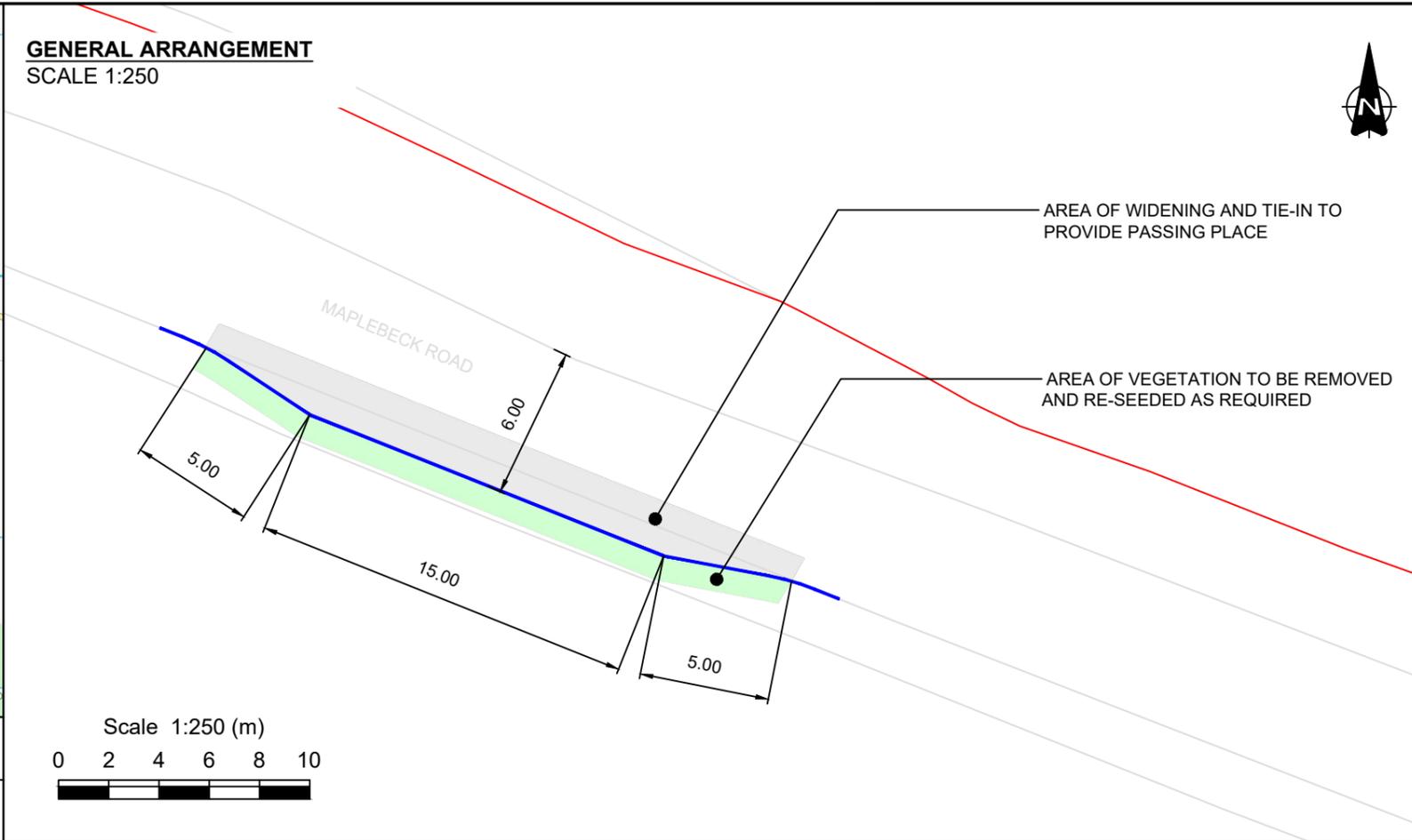
**LOCATION PLAN  
(NOT TO SCALE)**



Easting	472336.00
Northing	360287.00

© OpenStreetMap contributors

**GENERAL ARRANGEMENT  
SCALE 1:250**



**NOTES**

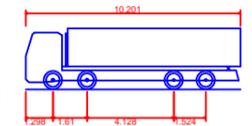
1. Do not scale from this drawing.
2. All dimensions are in metres unless otherwise stated.
3. This drawing is for planning purposes only.

**KEY**

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

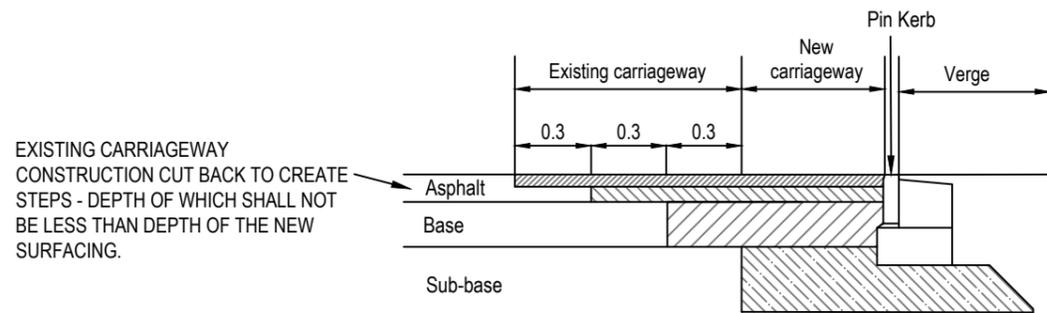
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

**VEHICLE USED FOR SWEEP PATH**



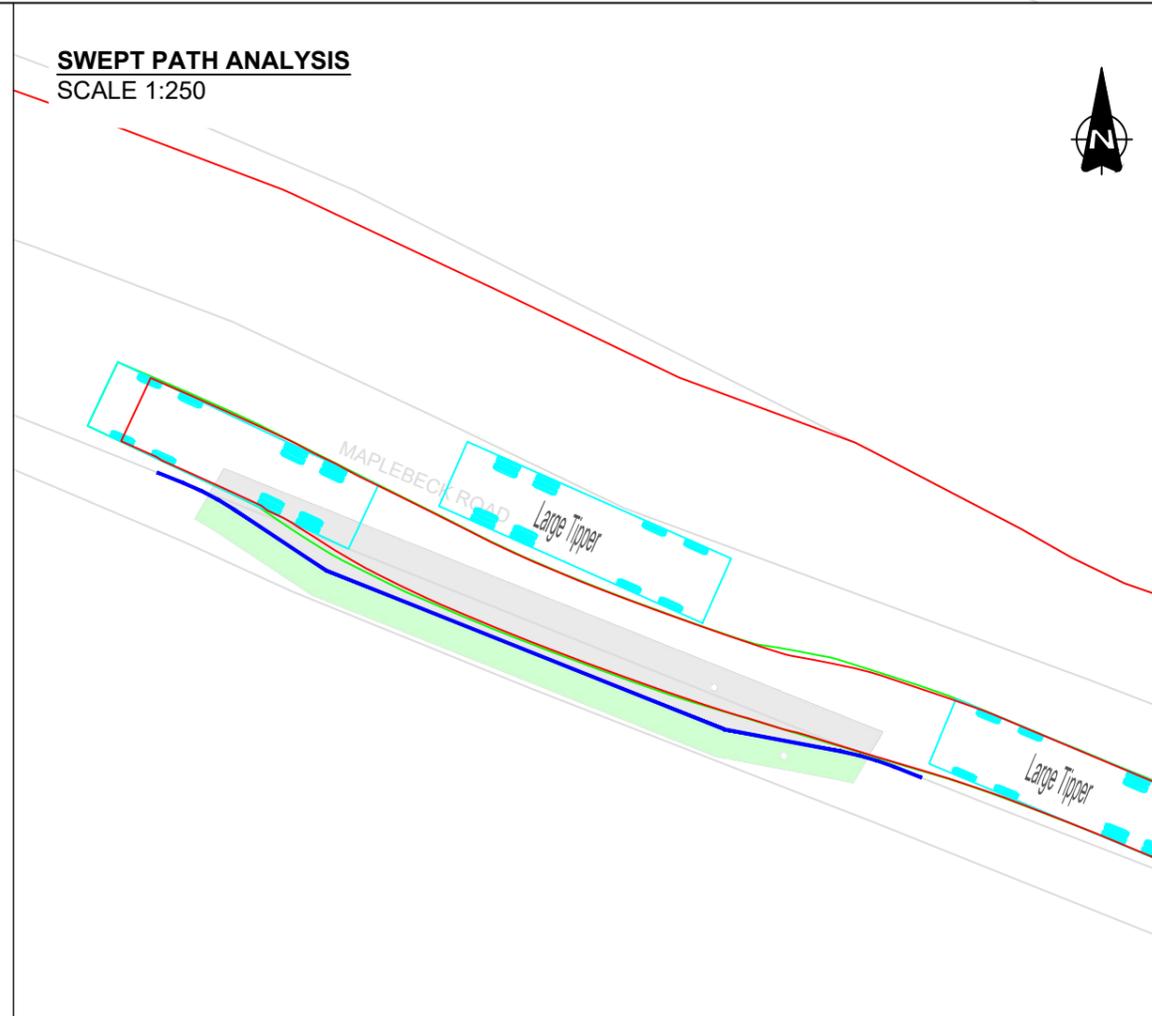
Large Tipper	10.201m
Overall Length	2.495m
Overall Width	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

**CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY**



EXISTING CARRIAGEWAY CONSTRUCTION CUT BACK TO CREATE STEPS - DEPTH OF WHICH SHALL NOT BE LESS THAN DEPTH OF THE NEW SURFACING.

**SWEPT PATH ANALYSIS  
SCALE 1:250**



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



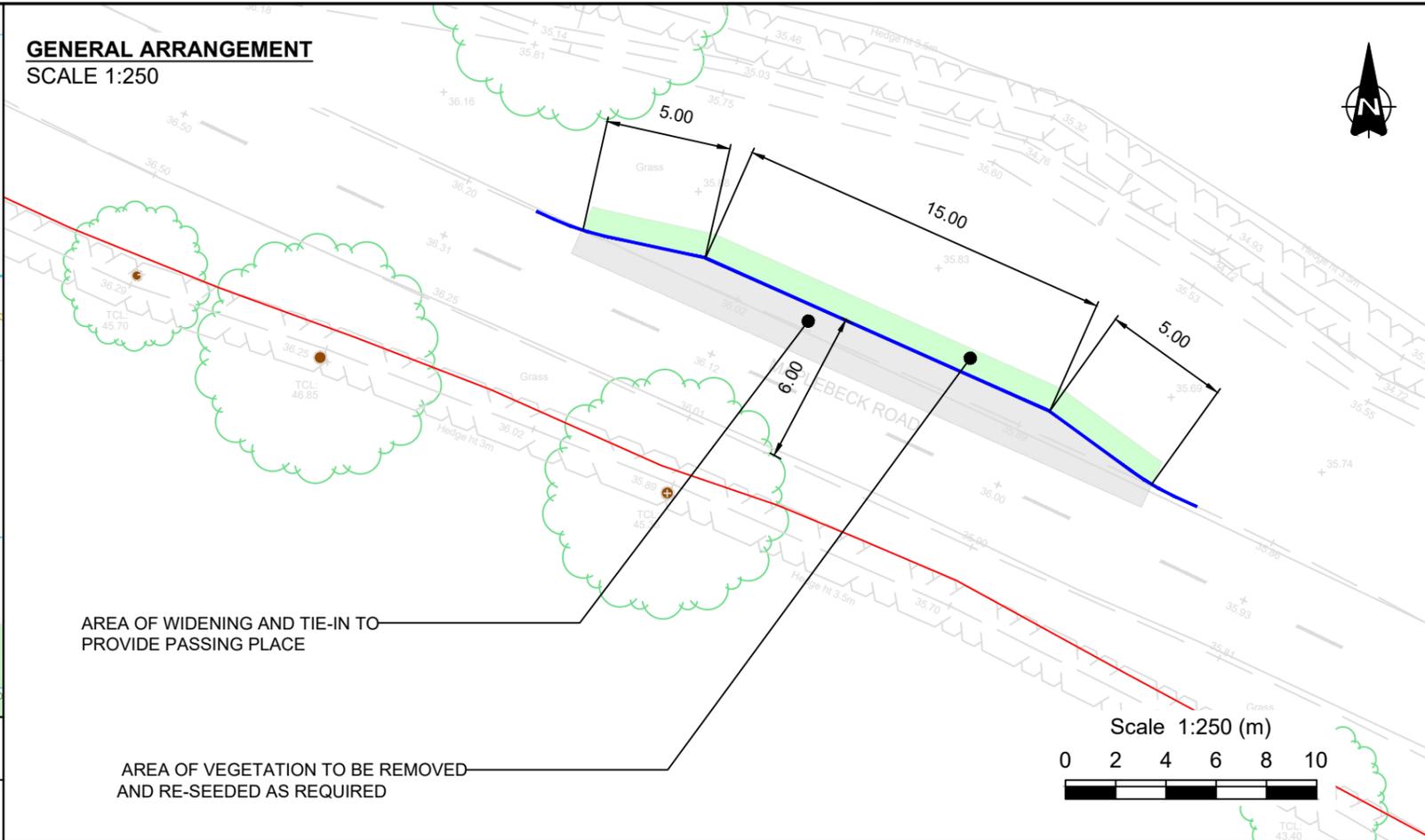
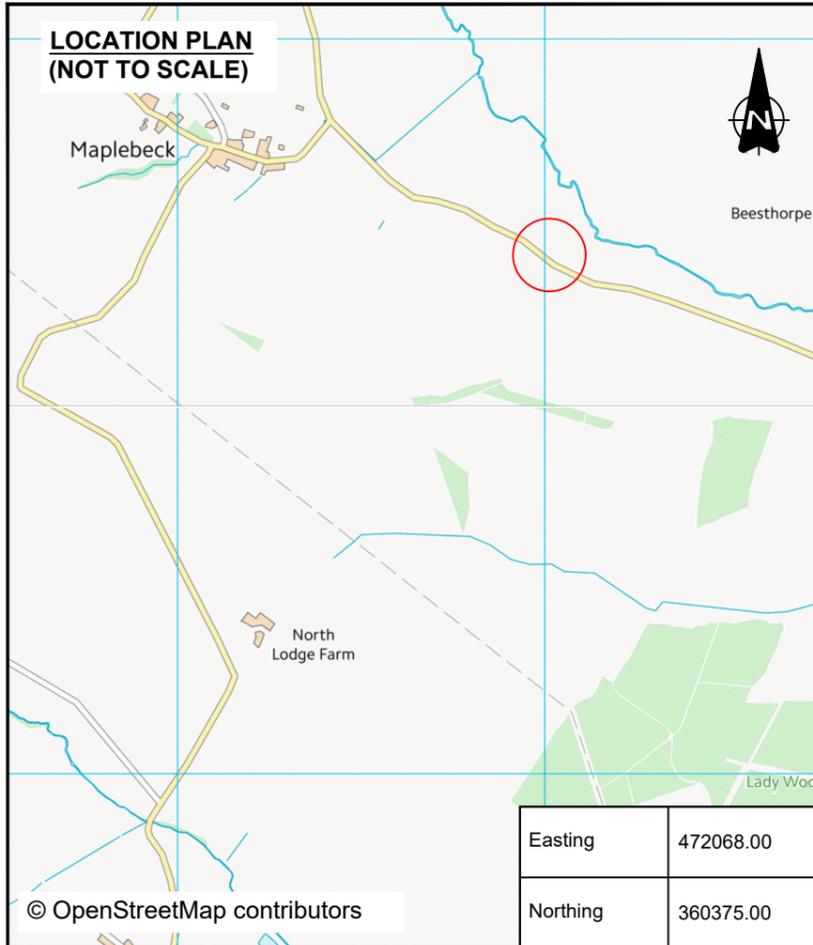
Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE  
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 2**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK202	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

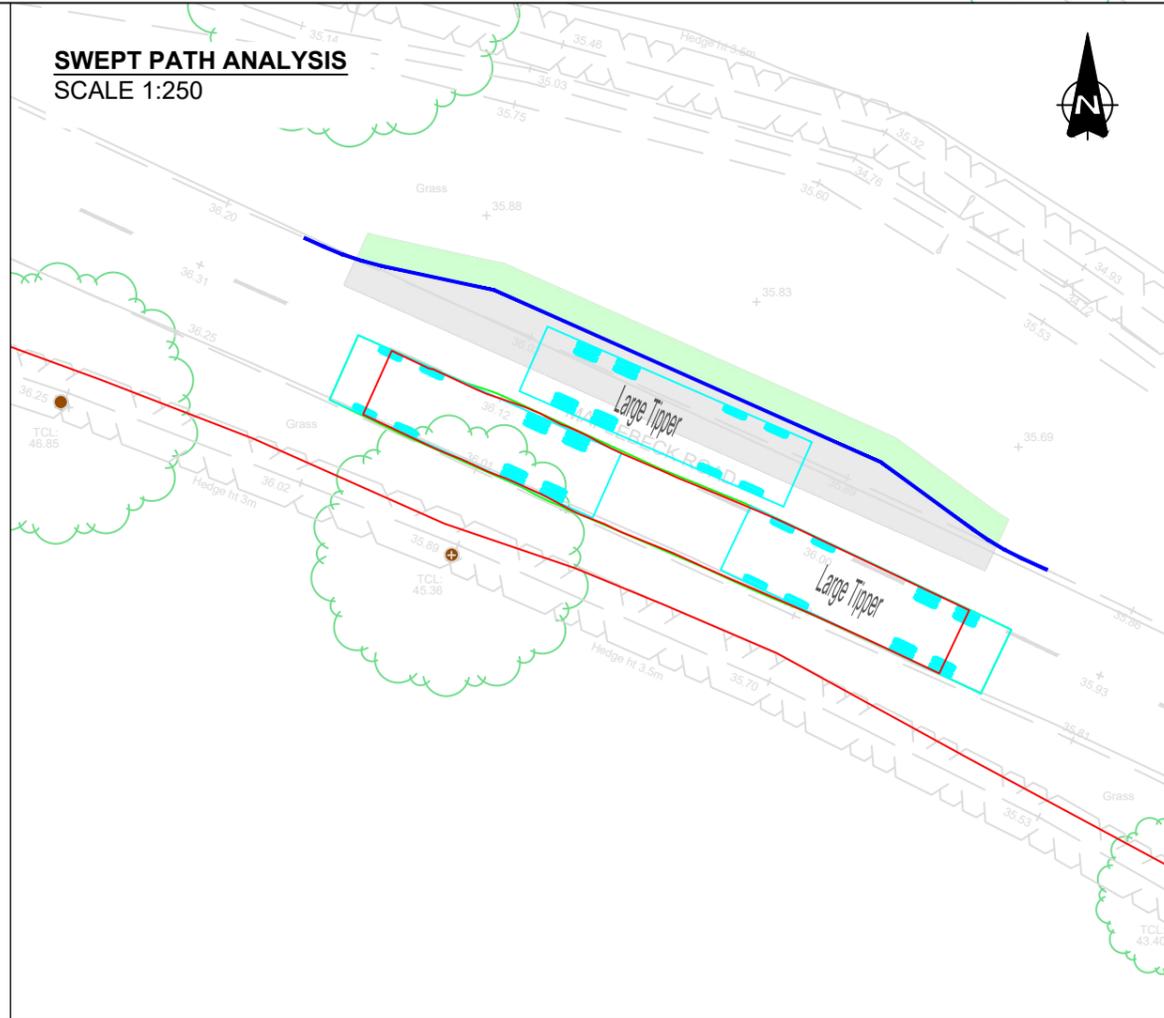
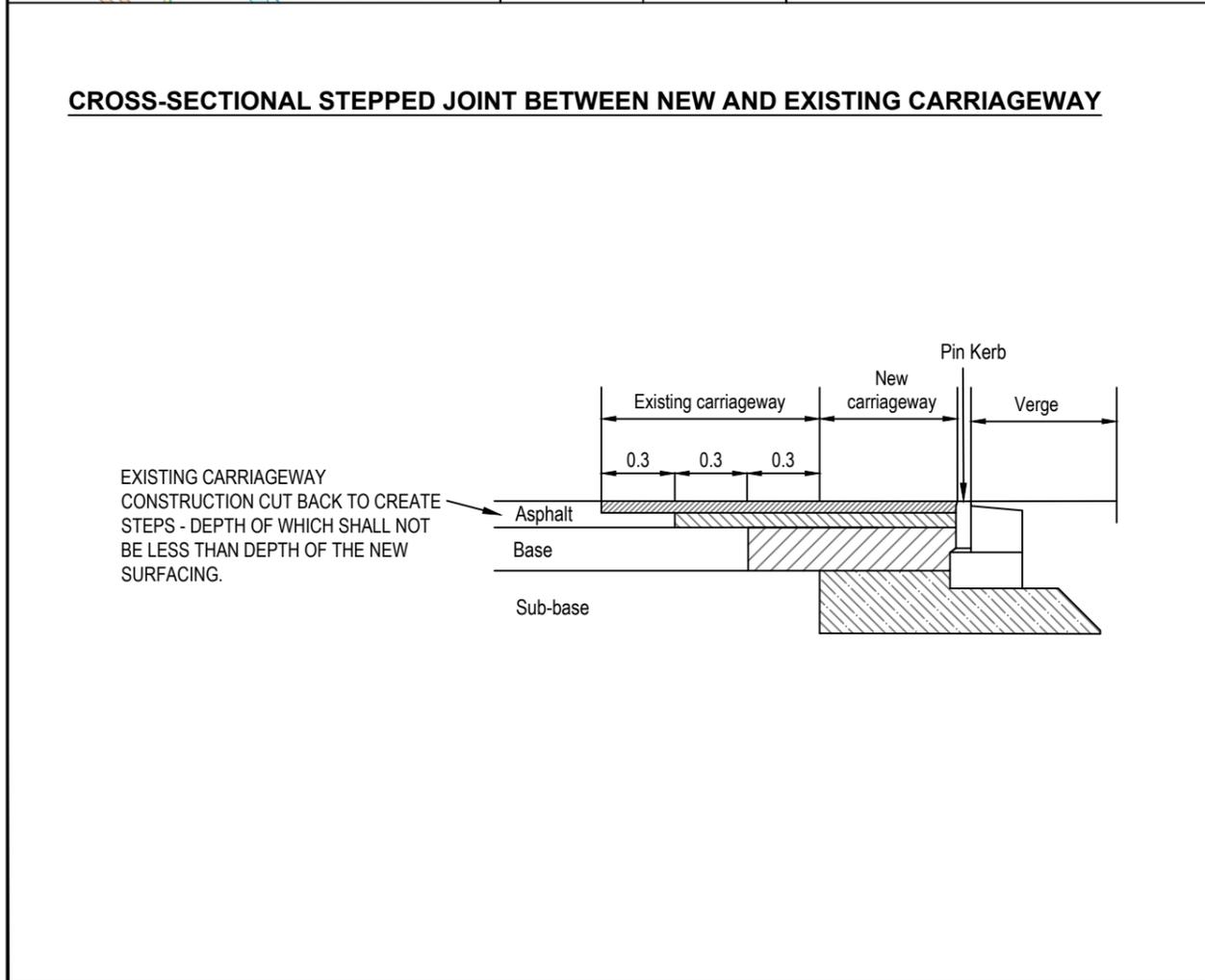
### KEY

- Proposed Kerbline
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

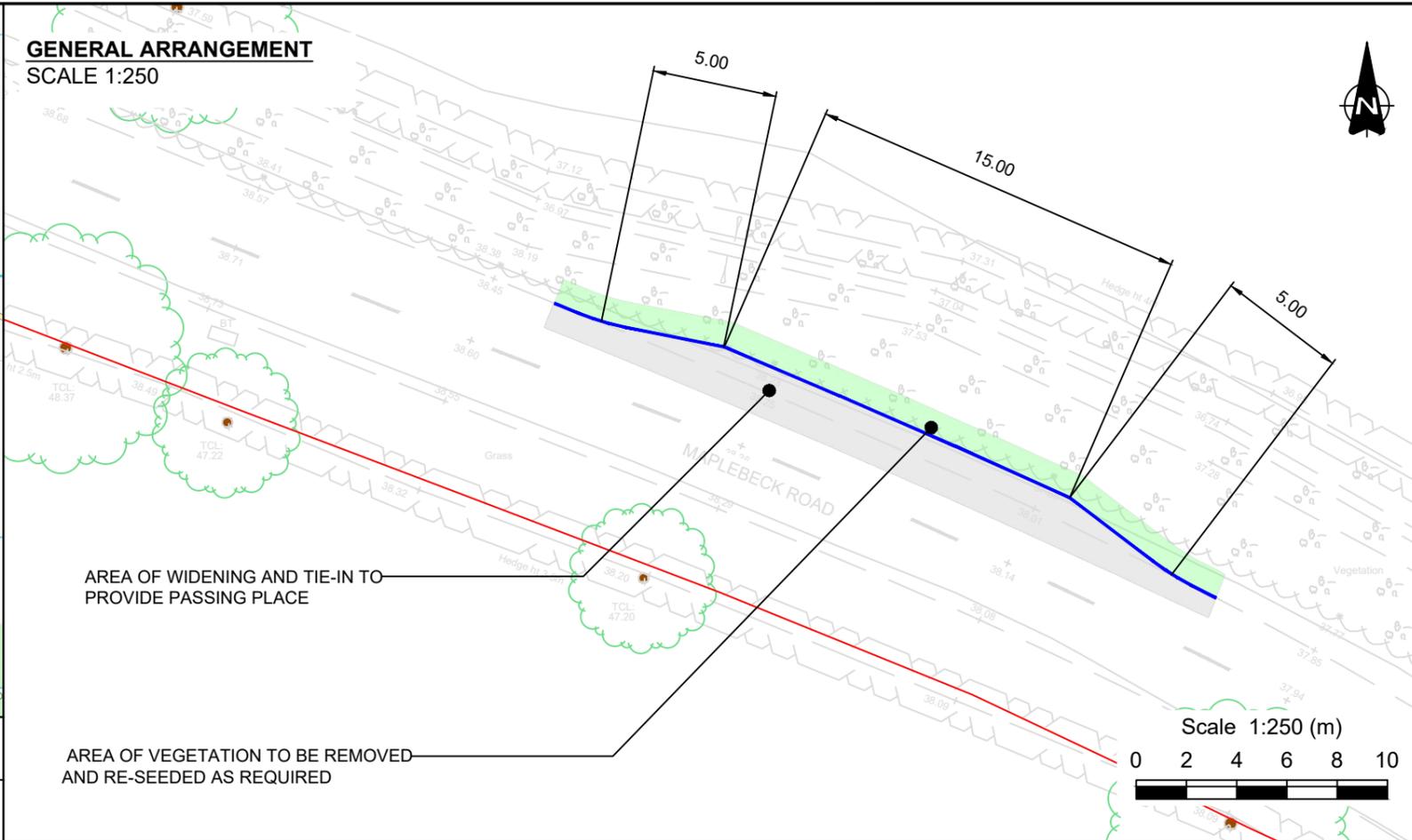
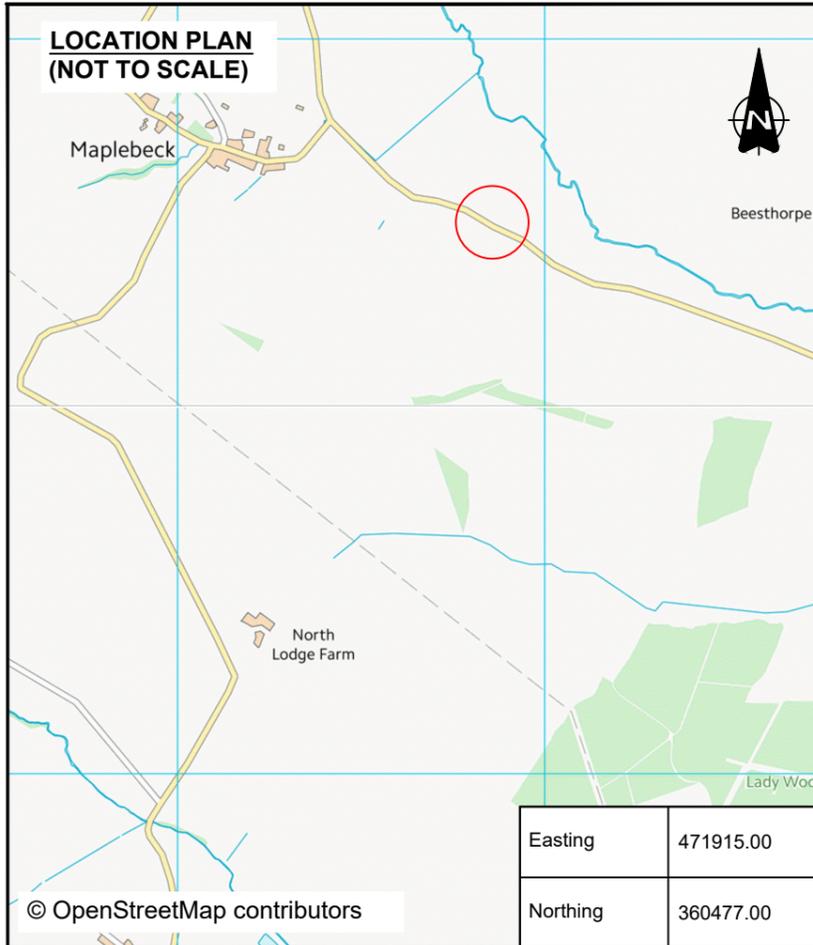
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev	Date	Revision details	Drawn	Checked	Approved
© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.					
Milburn House, Dean Street, Newcastle upon Tyne, NE1 1LE T 0191 249 3816 E uk_newcastle@systra.com					
Client ELEMENTS GREEN TRENT LTD.					
Project GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK					
Title PROPOSED PASSING PLACE LOCATION 3					
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK203	



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

### KEY

- Proposed Kerbline
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

10.201

2.495

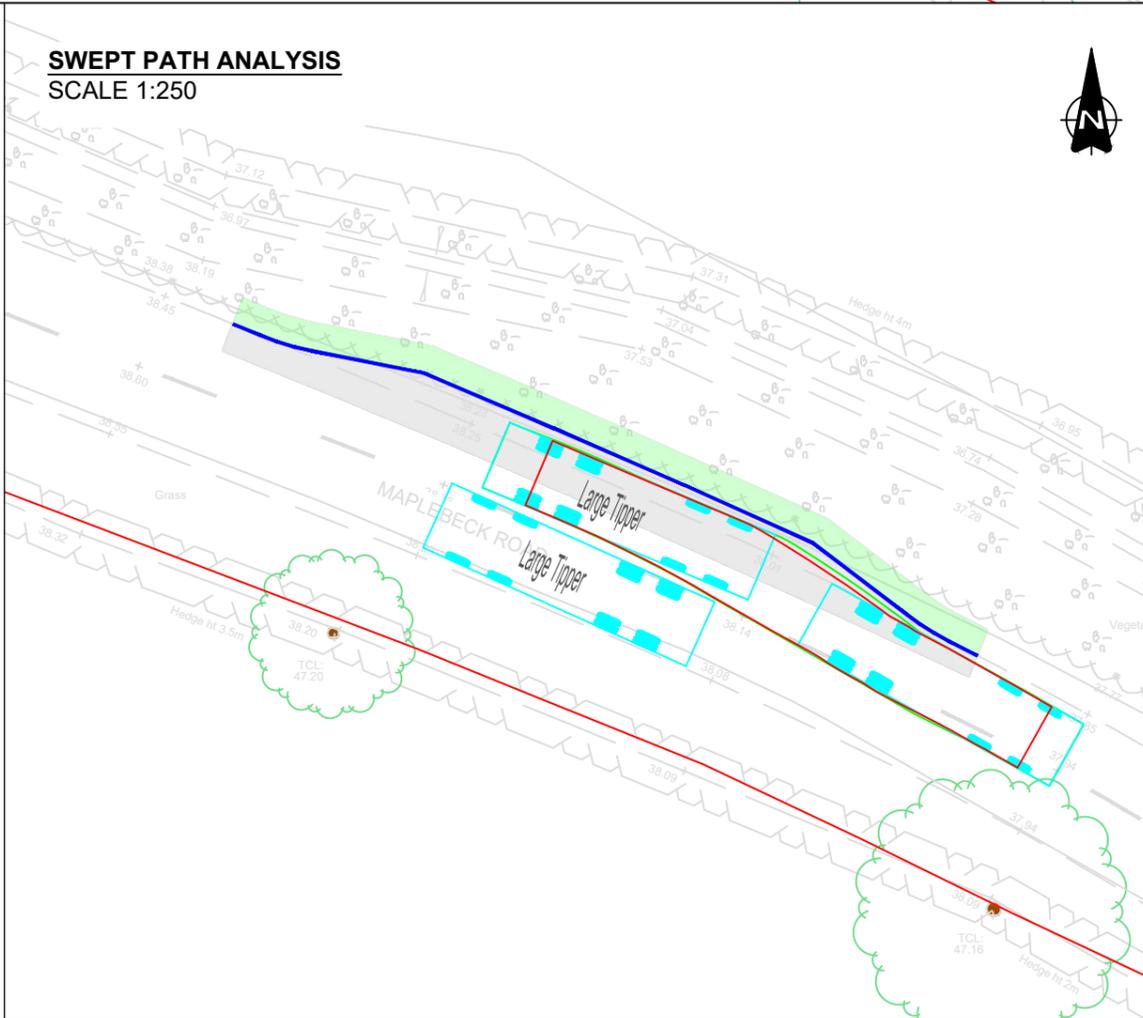
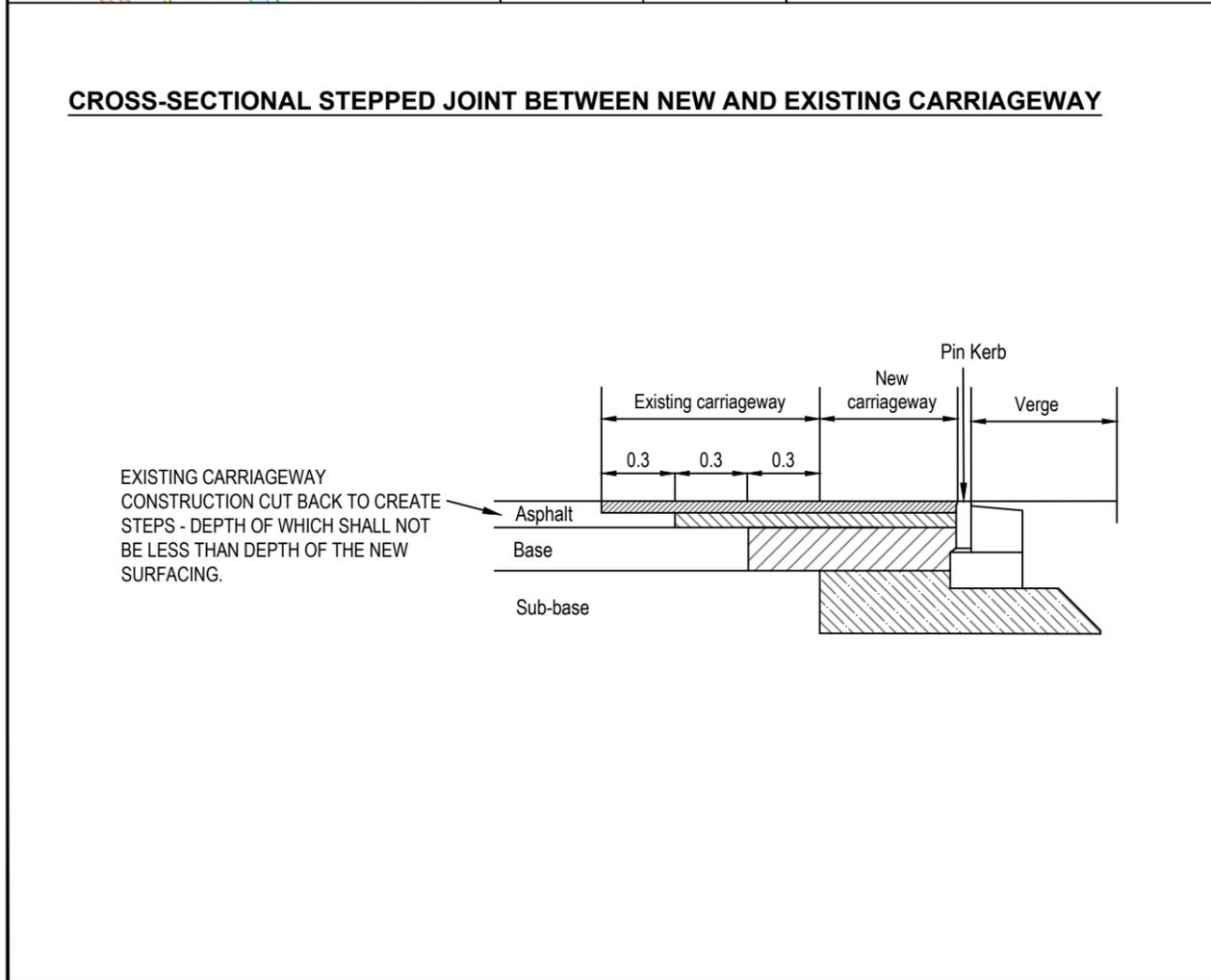
2.890

0.341

2.471

6.00s

11.550m



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

T 0191 249 3816  
E uk\_newcastle@systra.com

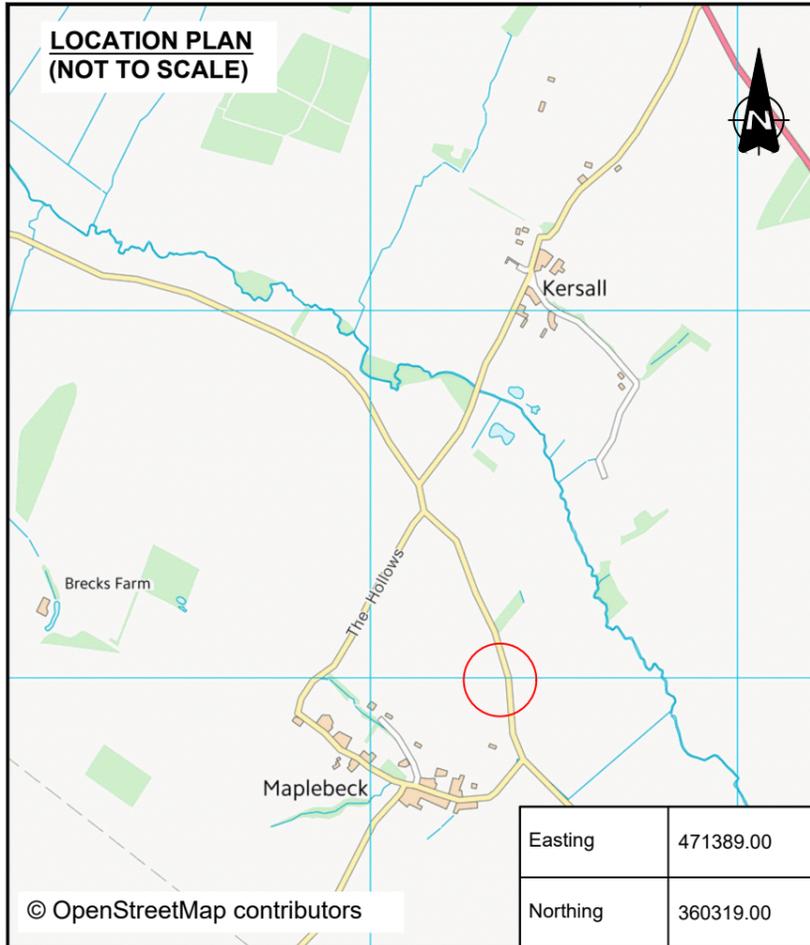
Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 4**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK204	Rev.

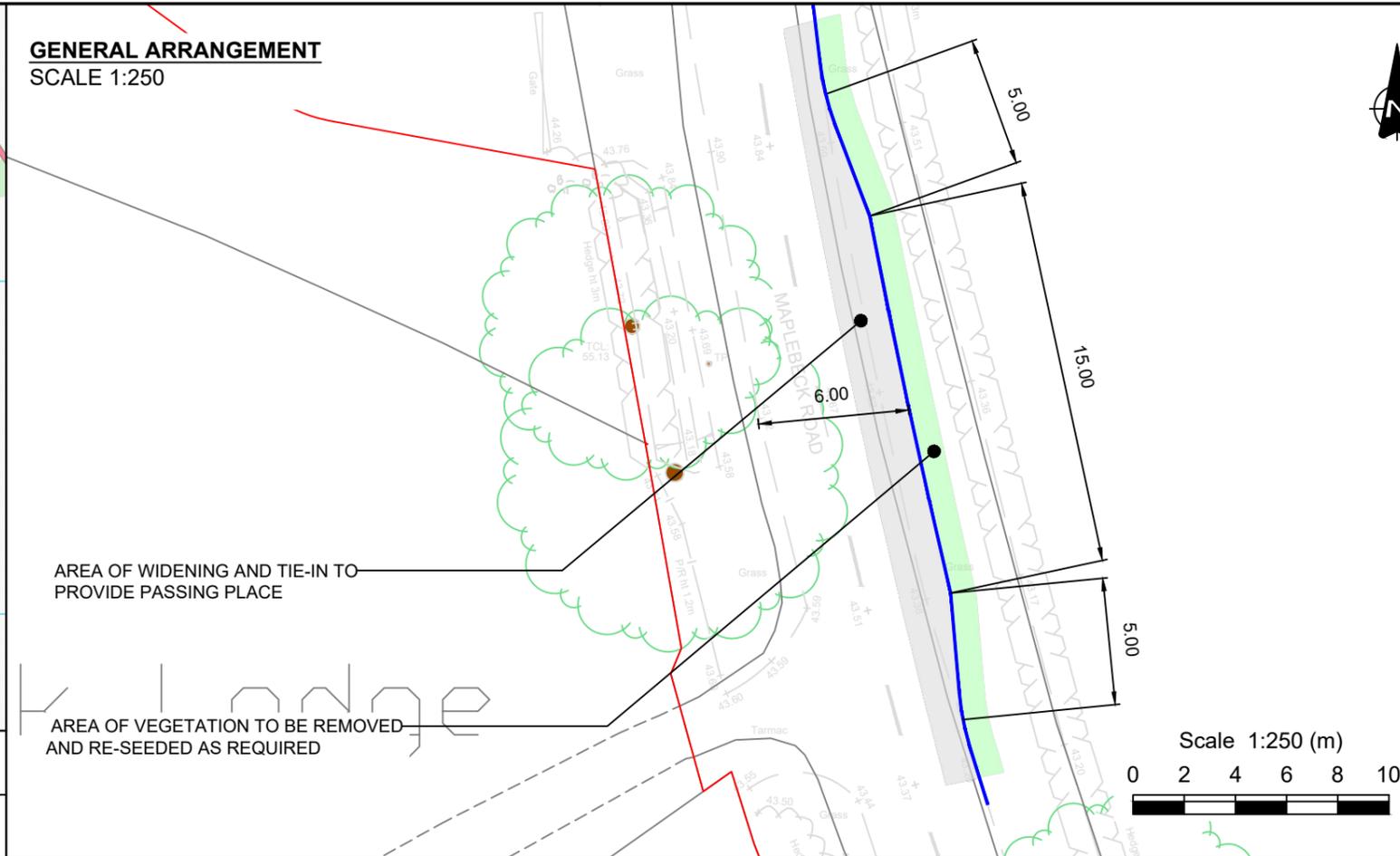
**LOCATION PLAN  
(NOT TO SCALE)**



Easting	471389.00
Northing	360319.00

© OpenStreetMap contributors

**GENERAL ARRANGEMENT  
SCALE 1:250**



**NOTES**

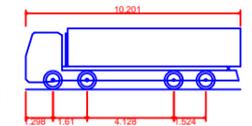
1. Do not scale from this drawing.
2. All dimensions are in metres unless otherwise stated.
3. This drawing is for planning purposes only.

**KEY**

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

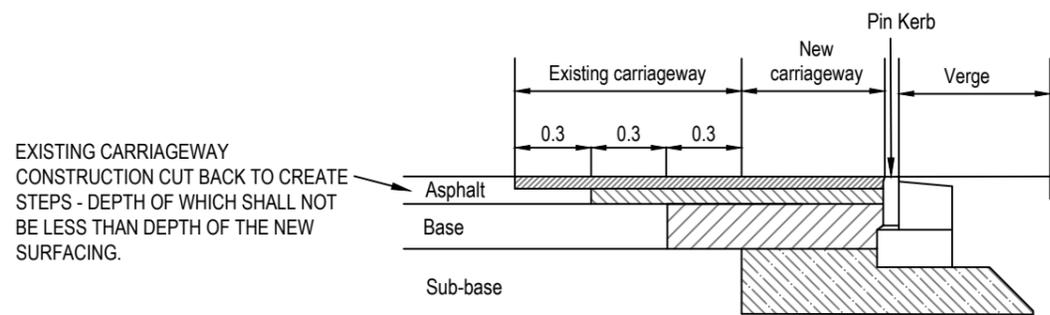
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

**VEHICLE USED FOR SWEEP PATH**



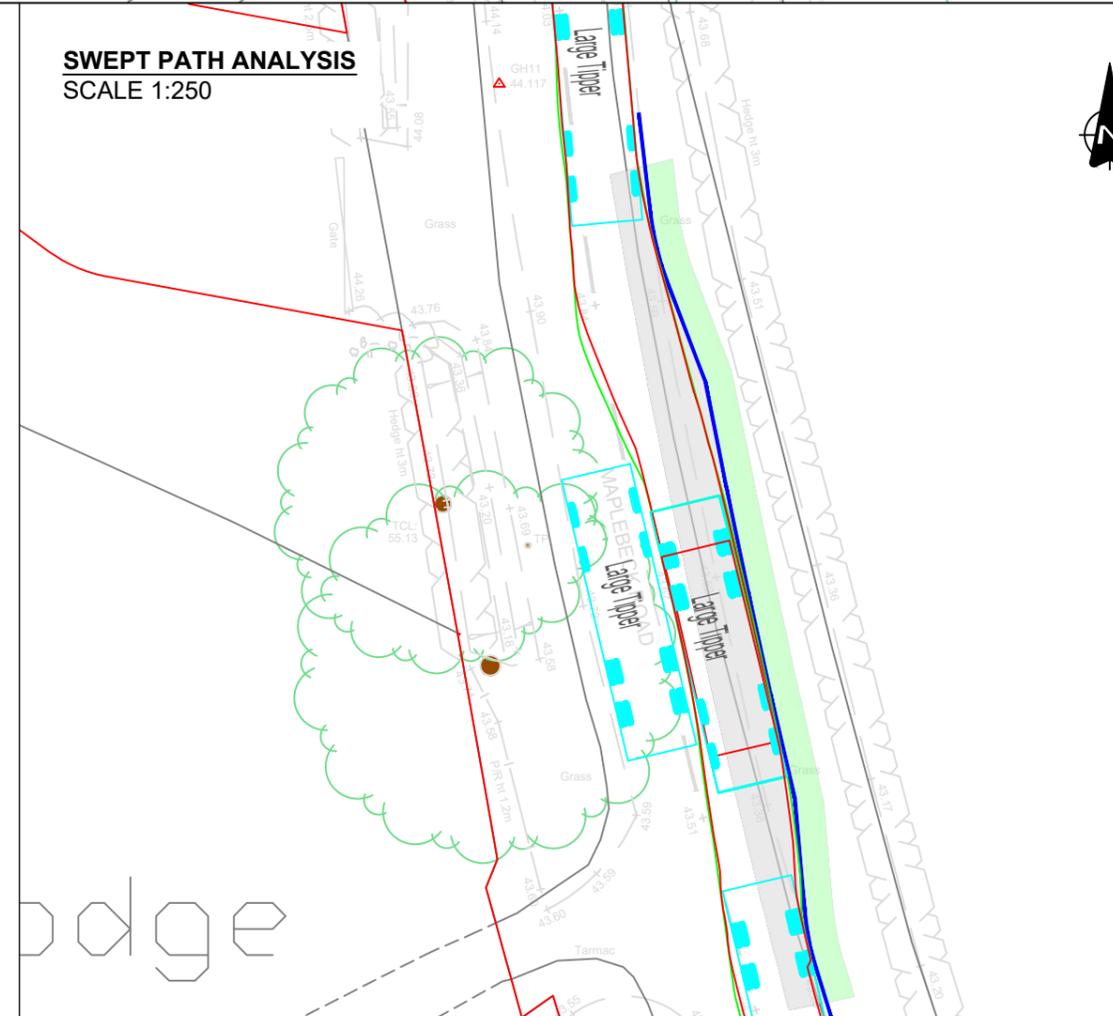
Large Tipper	10.201m
Overall Length	2.495m
Overall Width	2.890m
Overall Body Height	0.341m
Min Body Ground Clearance	2.471m
Track Width	6.00s
Lock to lock time	11.550m
Kerb to kerb Turning Radius	

**CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY**



EXISTING CARRIAGEWAY CONSTRUCTION CUT BACK TO CREATE STEPS - DEPTH OF WHICH SHALL NOT BE LESS THAN DEPTH OF THE NEW SURFACING.

**SWEPT PATH ANALYSIS  
SCALE 1:250**



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE  
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

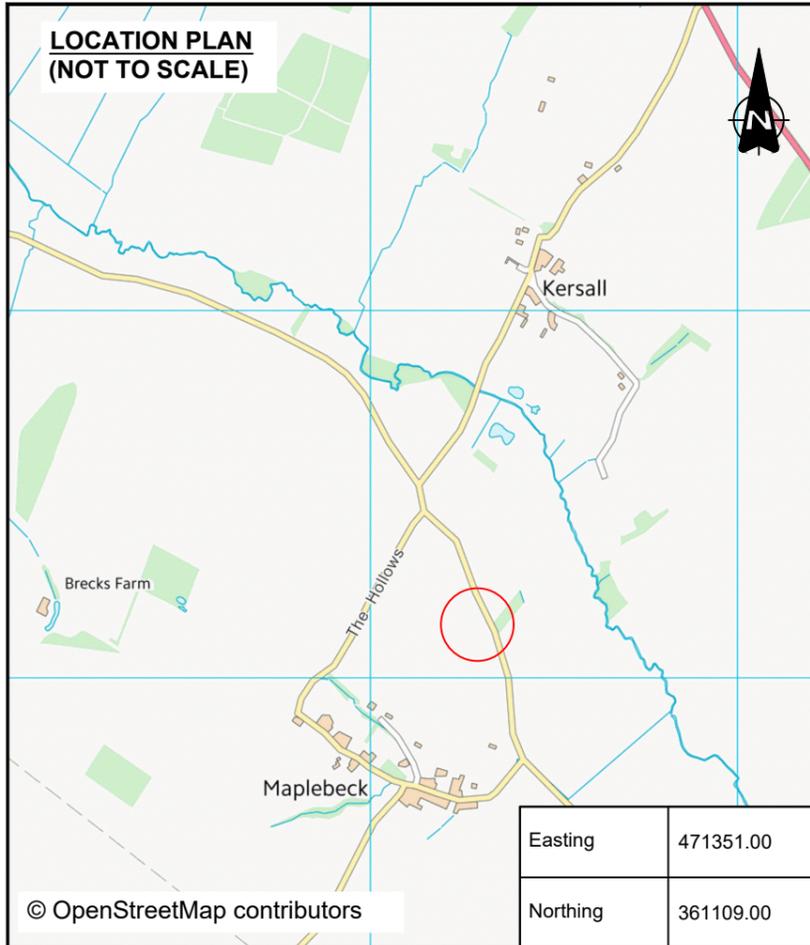
Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 5**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN

Drawing Status	INFORMATION	Drawing Number	23D07-SK205	Rev.	
----------------	-------------	----------------	-------------	------	--

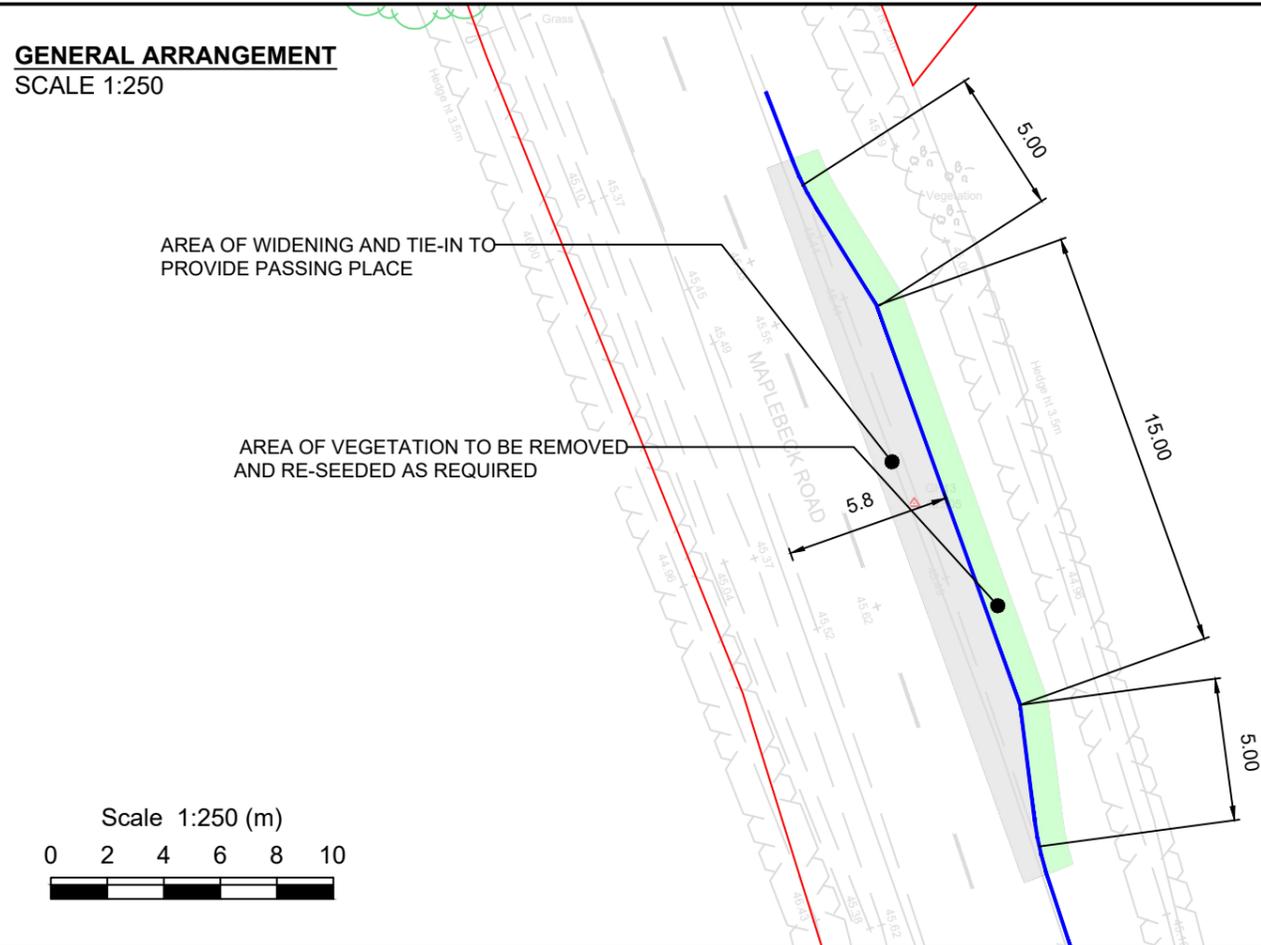
**LOCATION PLAN  
(NOT TO SCALE)**



Easting	471351.00
Northing	361109.00

© OpenStreetMap contributors

**GENERAL ARRANGEMENT  
SCALE 1:250**



**NOTES**

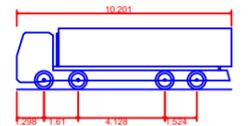
1. Do not scale from this drawing.
2. All dimensions are in metres unless otherwise stated.
3. This drawing is for planning purposes only.

**KEY**

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

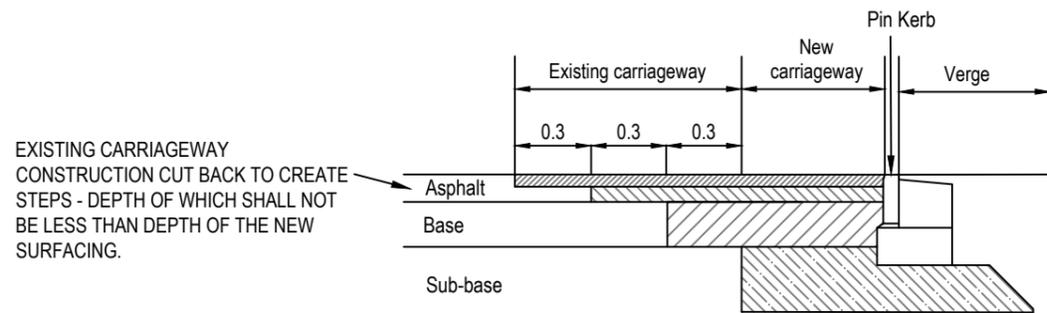
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

**VEHICLE USED FOR SWEEP PATH**

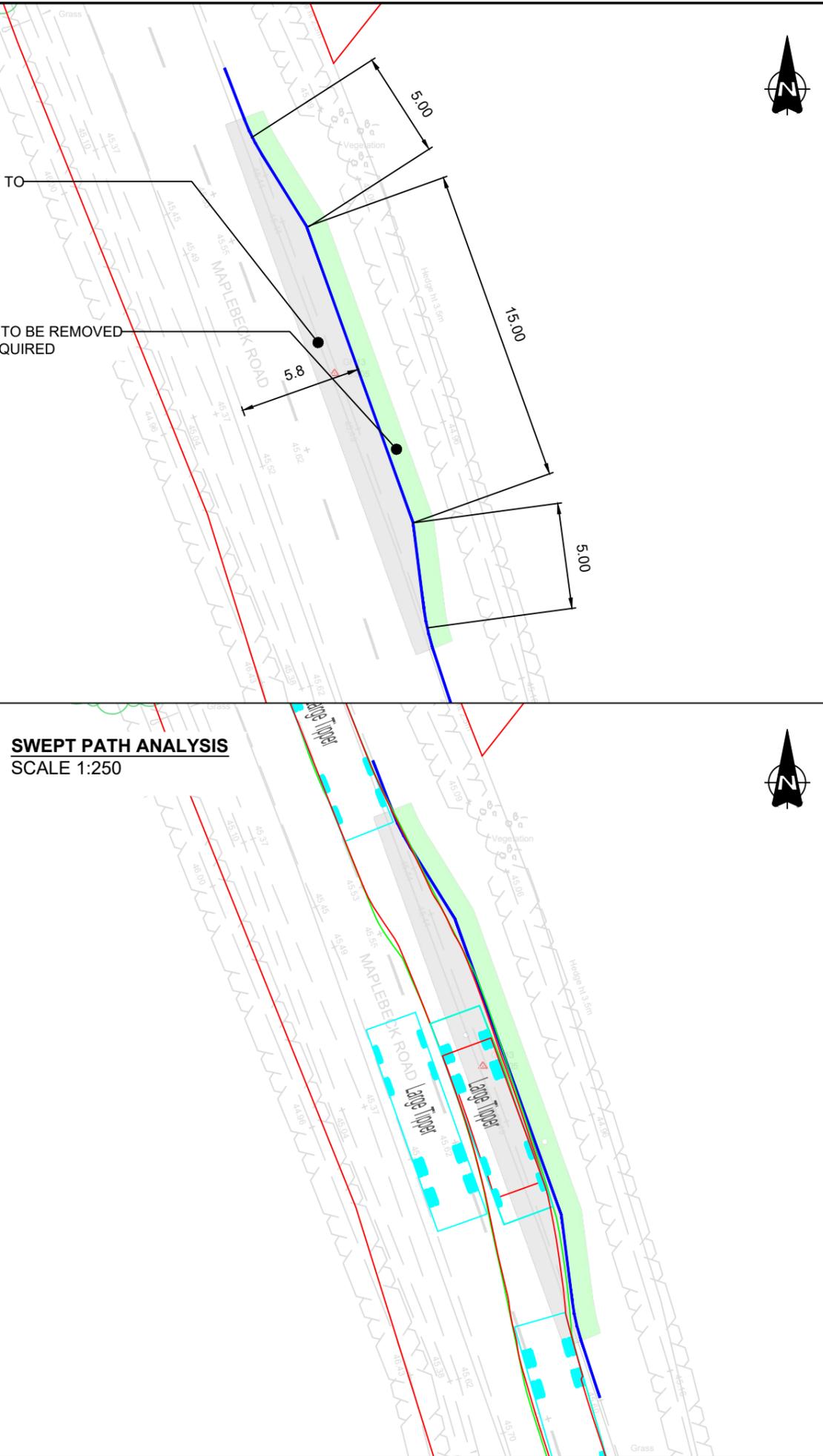


Large Tipper	10.201m
Overall Length	2.495m
Overall Width	2.890m
Overall Body Height	0.341m
Min Body Ground Clearance	2.471m
Track Width	6.00s
Lock to lock time	11.550m
Kerb to Kerb Turning Radius	

**CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY**



**SWEPT PATH ANALYSIS  
SCALE 1:250**



Rev.	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE  
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

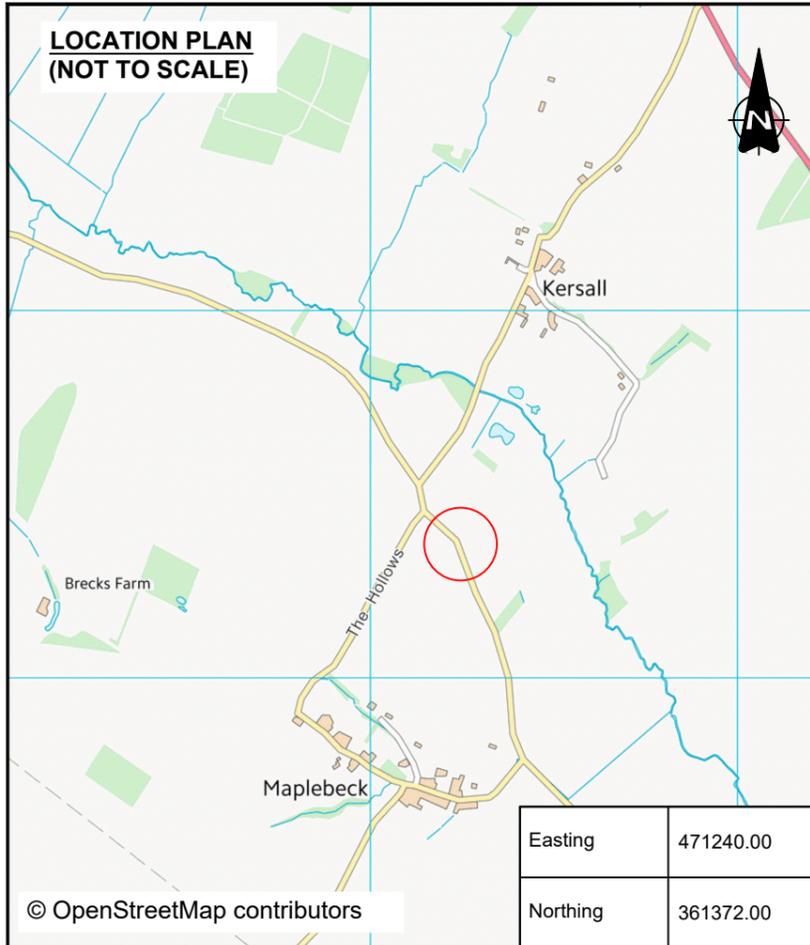
Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 6**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN

Drawing Status	INFORMATION	Drawing Number	23D07-SK206	Rev.	
----------------	-------------	----------------	-------------	------	--

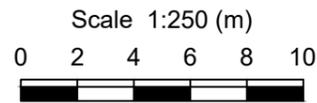
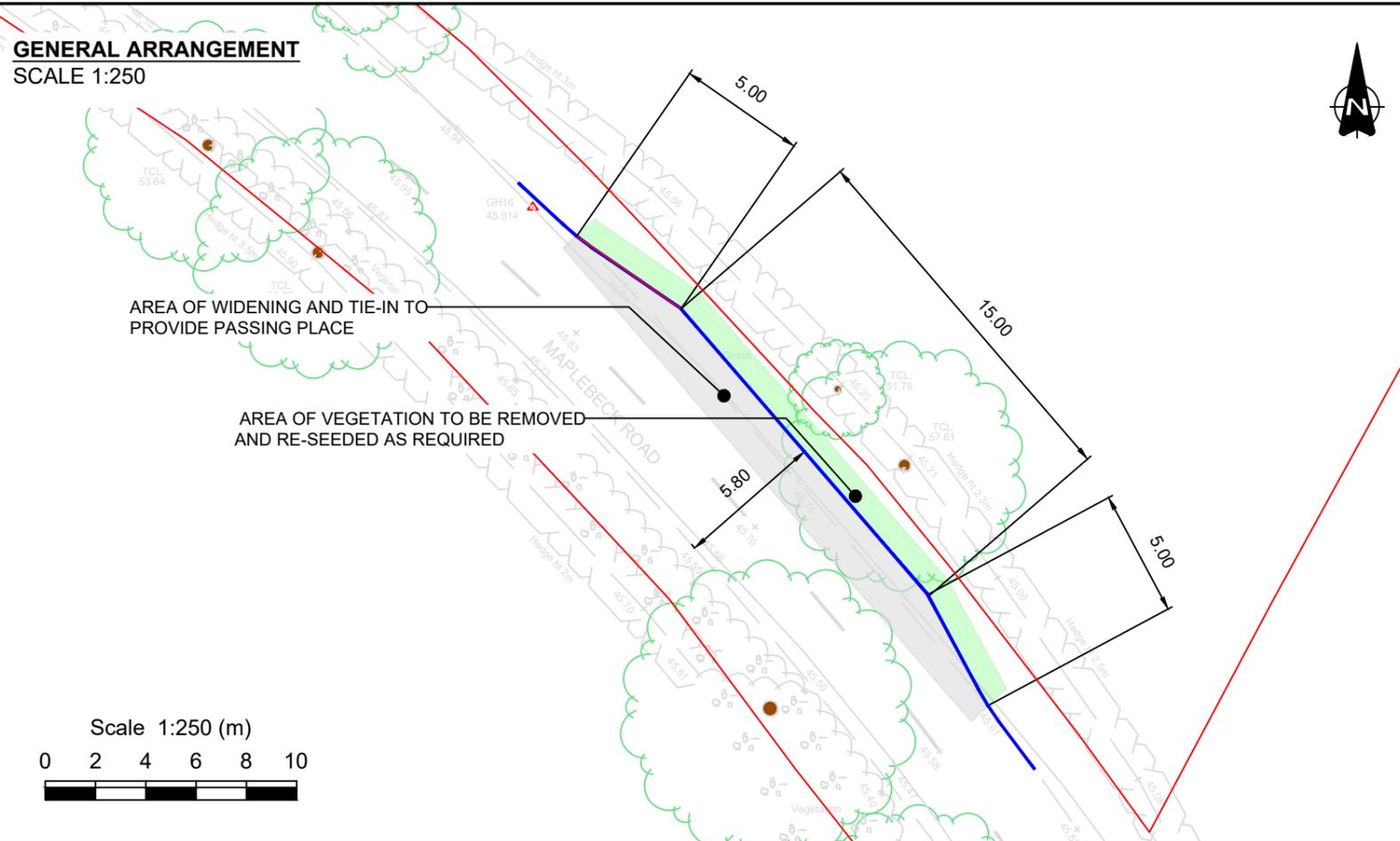
**LOCATION PLAN  
(NOT TO SCALE)**



Easting	471240.00
Northing	361372.00

© OpenStreetMap contributors

**GENERAL ARRANGEMENT  
SCALE 1:250**



**NOTES**

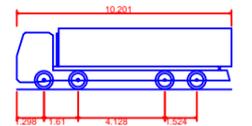
1. Do not scale from this drawing.
2. All dimensions are in metres unless otherwise stated.
3. This drawing is for planning purposes only.

**KEY**

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

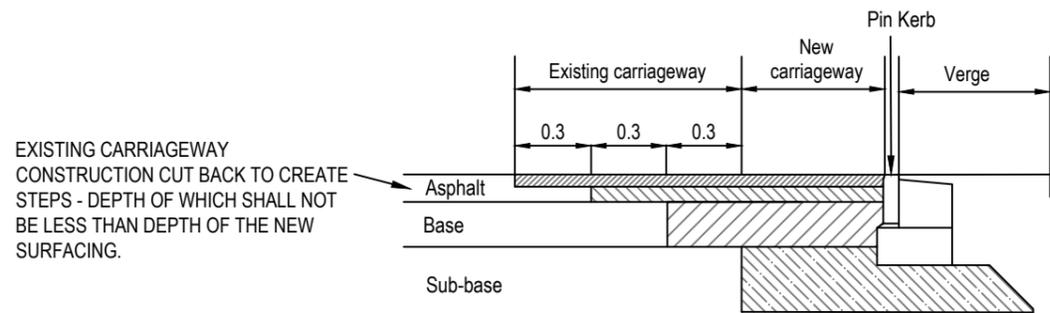
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

**VEHICLE USED FOR SWEEP PATH**



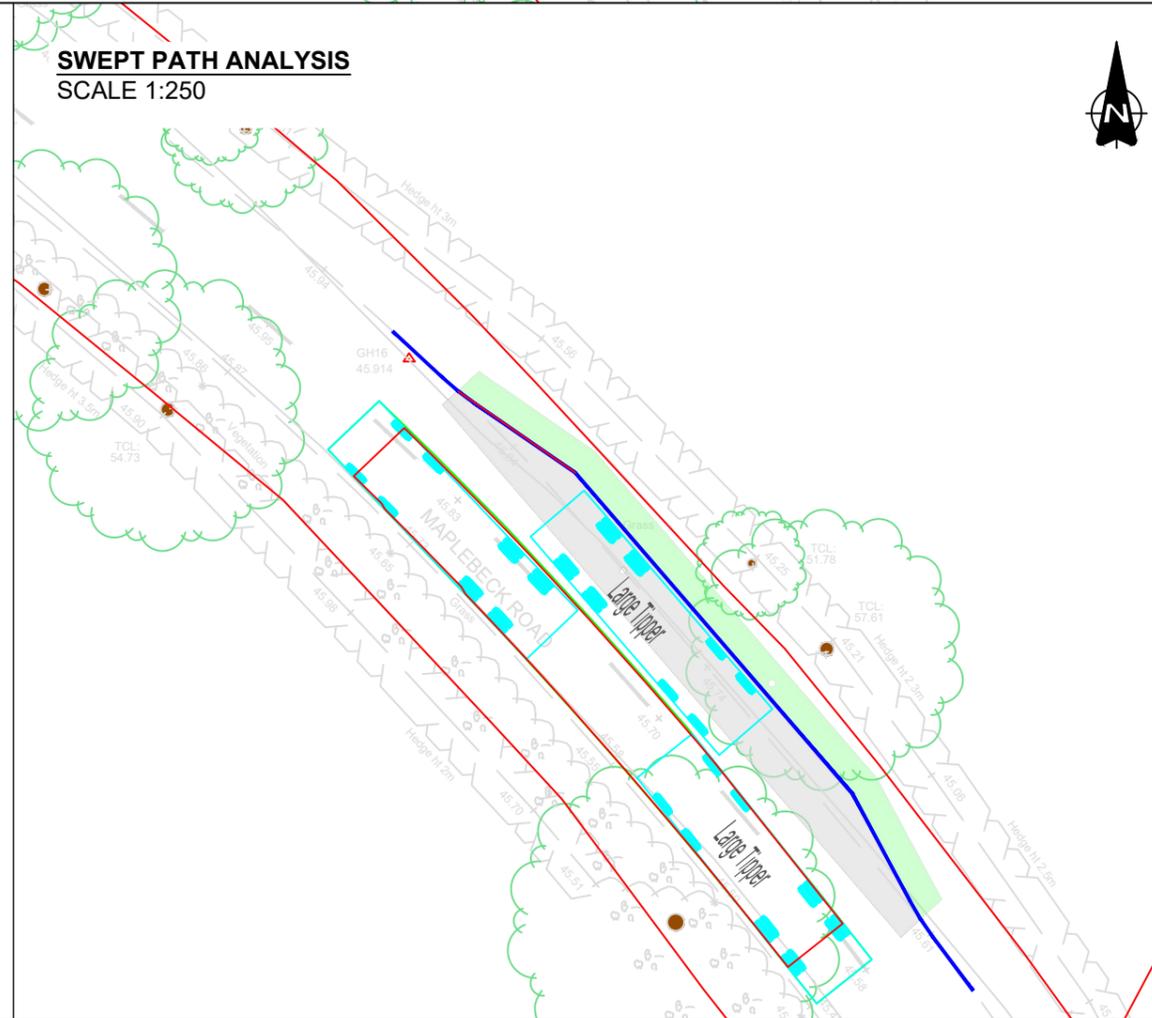
Large Tipper  
 Overall Length 10.201m  
 Overall Width 2.495m  
 Overall Body Height 2.890m  
 Min Body Ground Clearance 0.341m  
 Track Width 2.471m  
 Lock to lock time 6.00s  
 Kerb to Kerb Turning Radius 11.550m

**CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY**



EXISTING CARRIAGEWAY CONSTRUCTION CUT BACK TO CREATE STEPS - DEPTH OF WHICH SHALL NOT BE LESS THAN DEPTH OF THE NEW SURFACING.

**SWEPT PATH ANALYSIS  
SCALE 1:250**



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



Milburn House,  
 Dean Street,  
 Newcastle upon Tyne,  
 NE1 1LE  
 T 0191 249 3816  
 E uk\_newcastle@systra.com

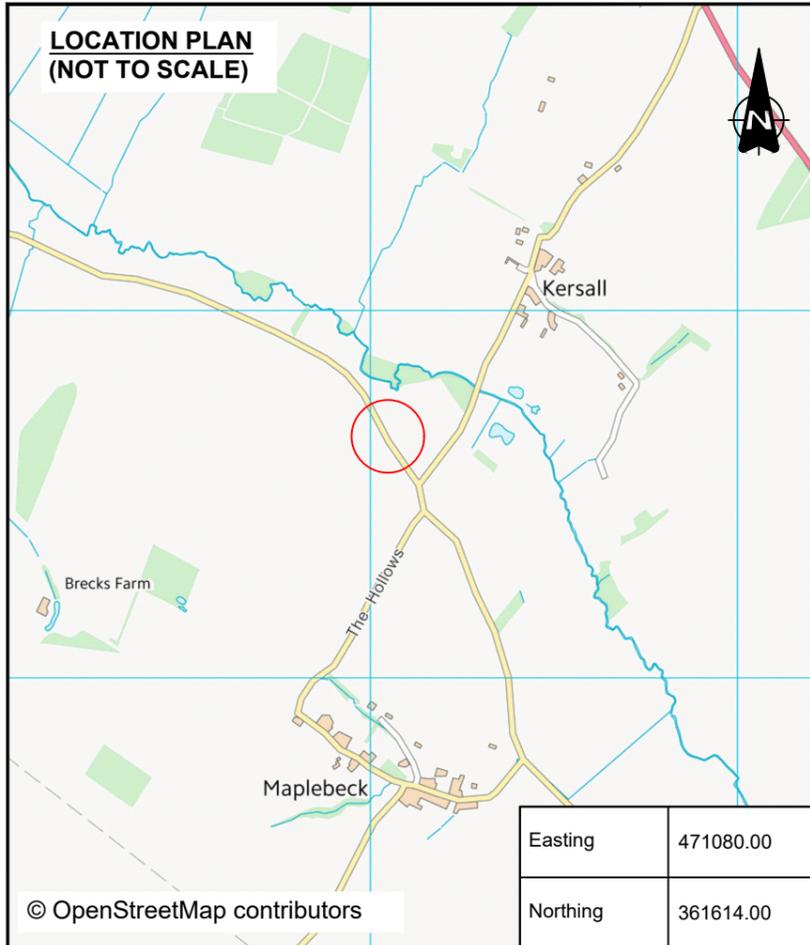
ELEMENTS GREEN TRENT LTD.

GREAT NORTH ROAD SOLAR FARM  
 AND BIODIVERSITY PARK

PROPOSED PASSING PLACE  
 LOCATION 7

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION	Drawing Number	23D07-SK207	Rev.	

**LOCATION PLAN  
(NOT TO SCALE)**



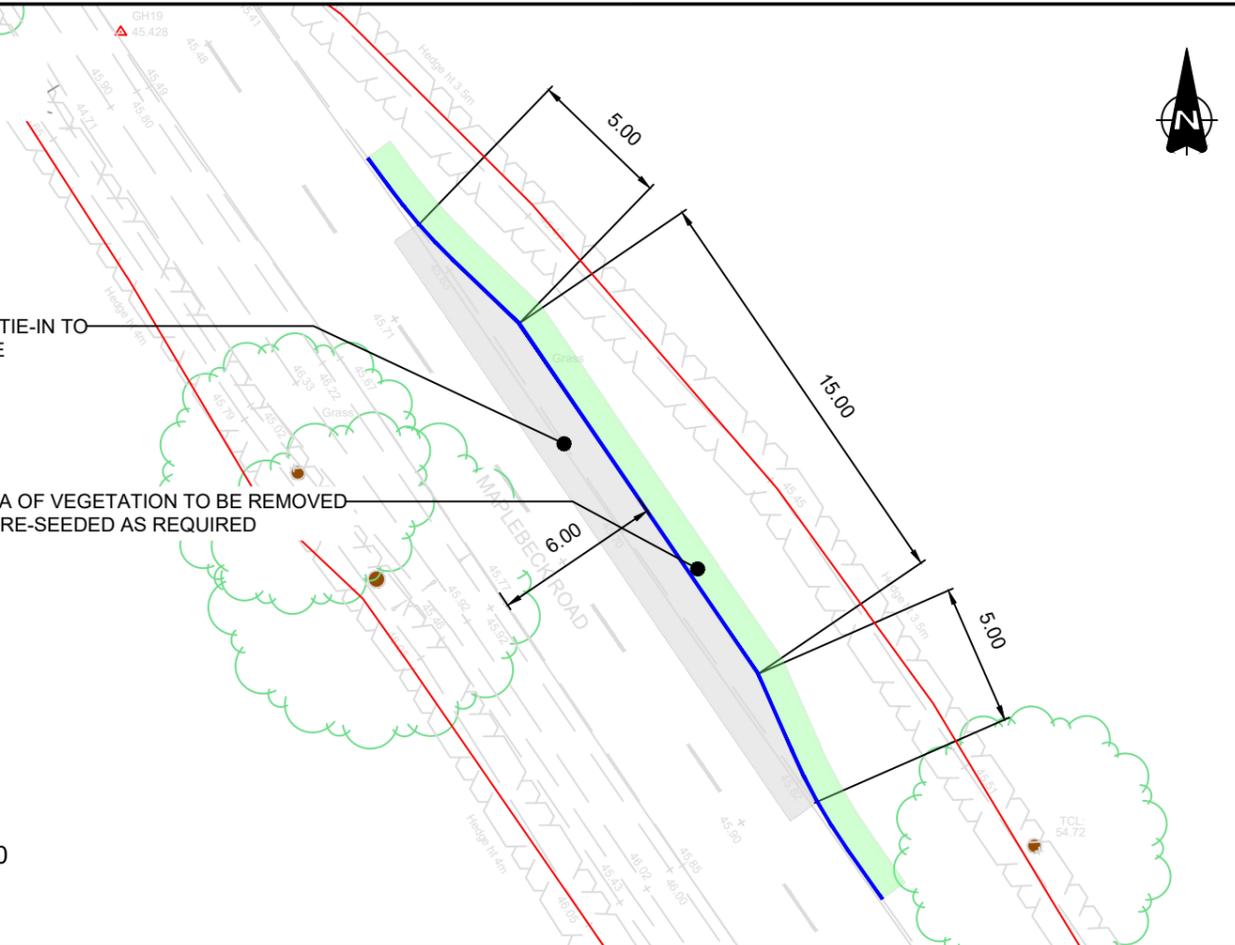
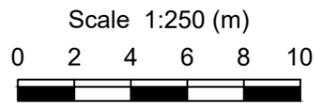
Easting	471080.00
Northing	361614.00

© OpenStreetMap contributors

**GENERAL ARRANGEMENT  
SCALE 1:250**

AREA OF WIDENING AND TIE-IN TO PROVIDE PASSING PLACE

AREA OF VEGETATION TO BE REMOVED AND RE-SEEDS AS REQUIRED



**NOTES**

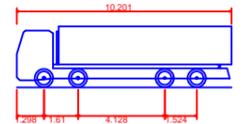
1. Do not scale from this drawing.
2. All dimensions are in metres unless otherwise stated.
3. This drawing is for planning purposes only.

**KEY**

- Proposed Kerbline
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

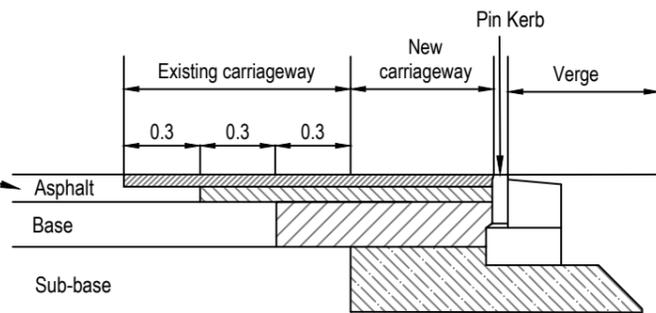
**VEHICLE USED FOR SWEEP PATH**



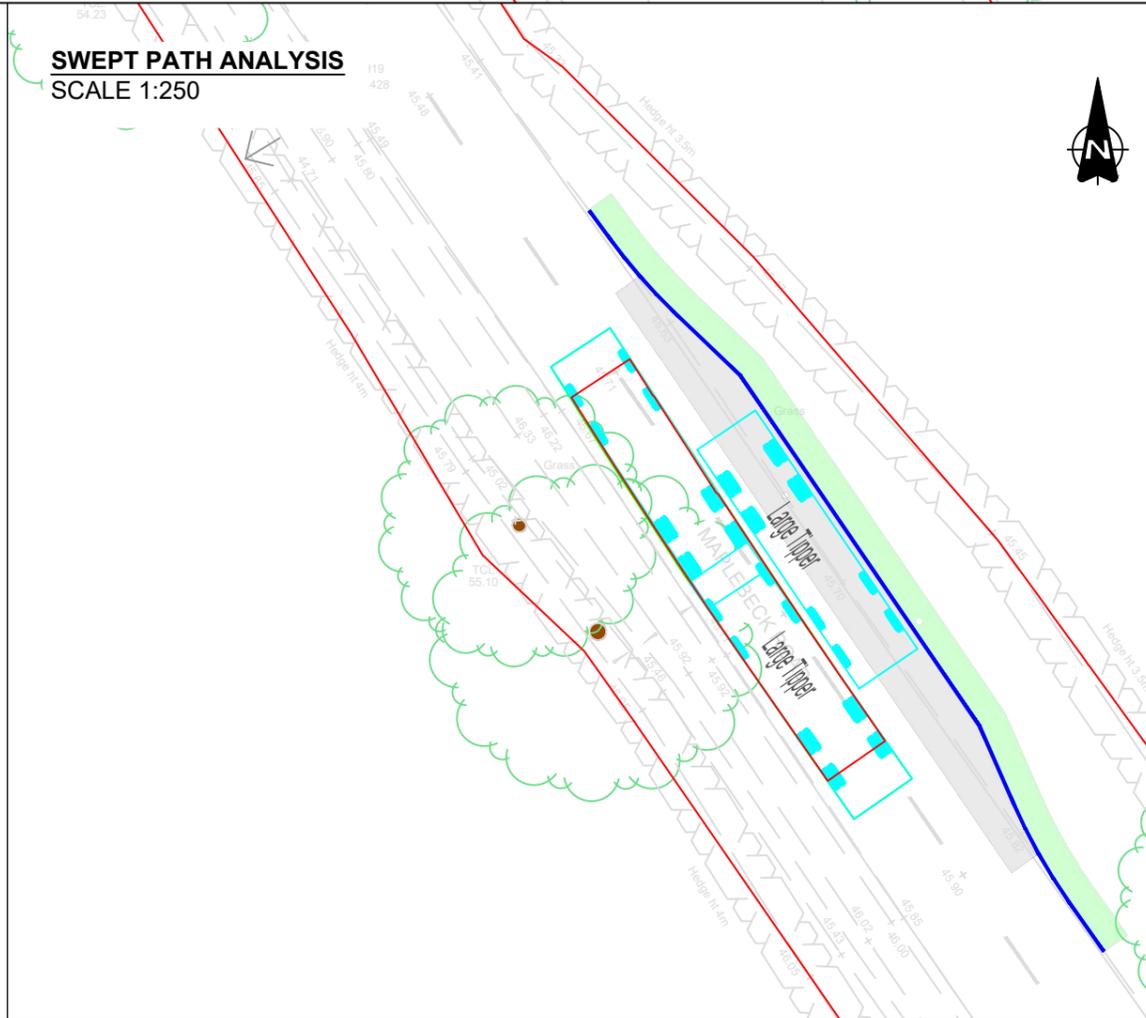
Large Tipper	10.201m
Overall Length	2.495m
Overall Width	2.890m
Overall Body Height	0.341m
Min Body Ground Clearance	2.471m
Track Width	6.00s
Lock to lock time	11.550m
Kerb to Kerb Turning Radius	

**CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY**

EXISTING CARRIAGEWAY CONSTRUCTION CUT BACK TO CREATE STEPS - DEPTH OF WHICH SHALL NOT BE LESS THAN DEPTH OF THE NEW SURFACING.



**SWEPT PATH ANALYSIS  
SCALE 1:250**



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE  
T 0191 249 3816  
E uk\_newcastle@systra.com

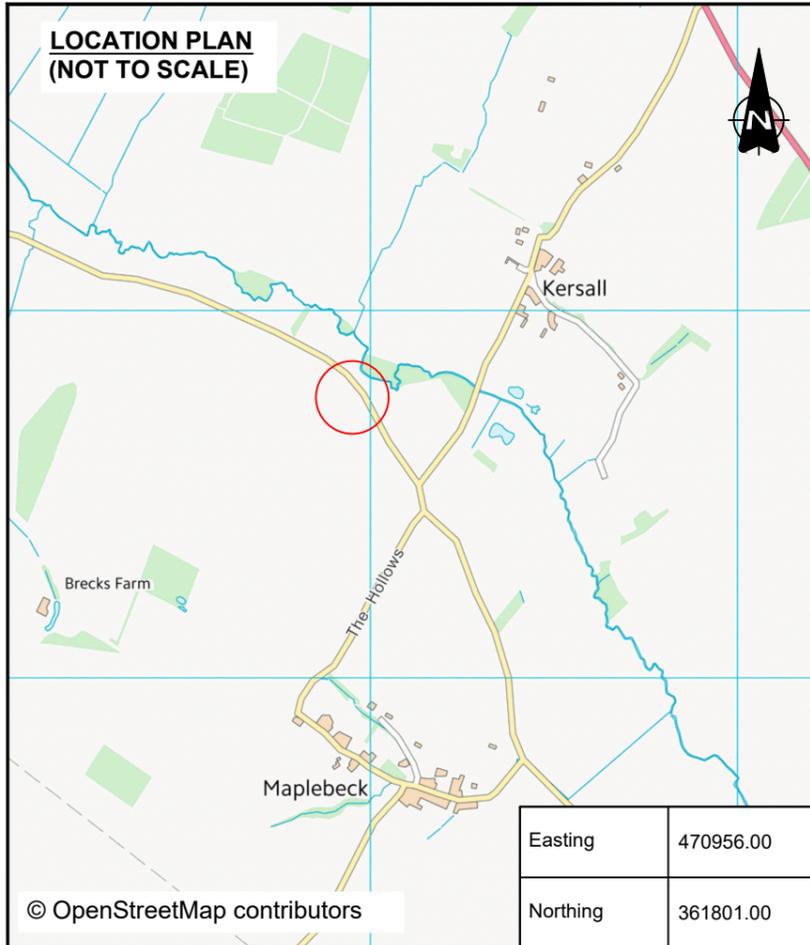
Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 8**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION	Drawing Number	23D07-SK208	Rev.	

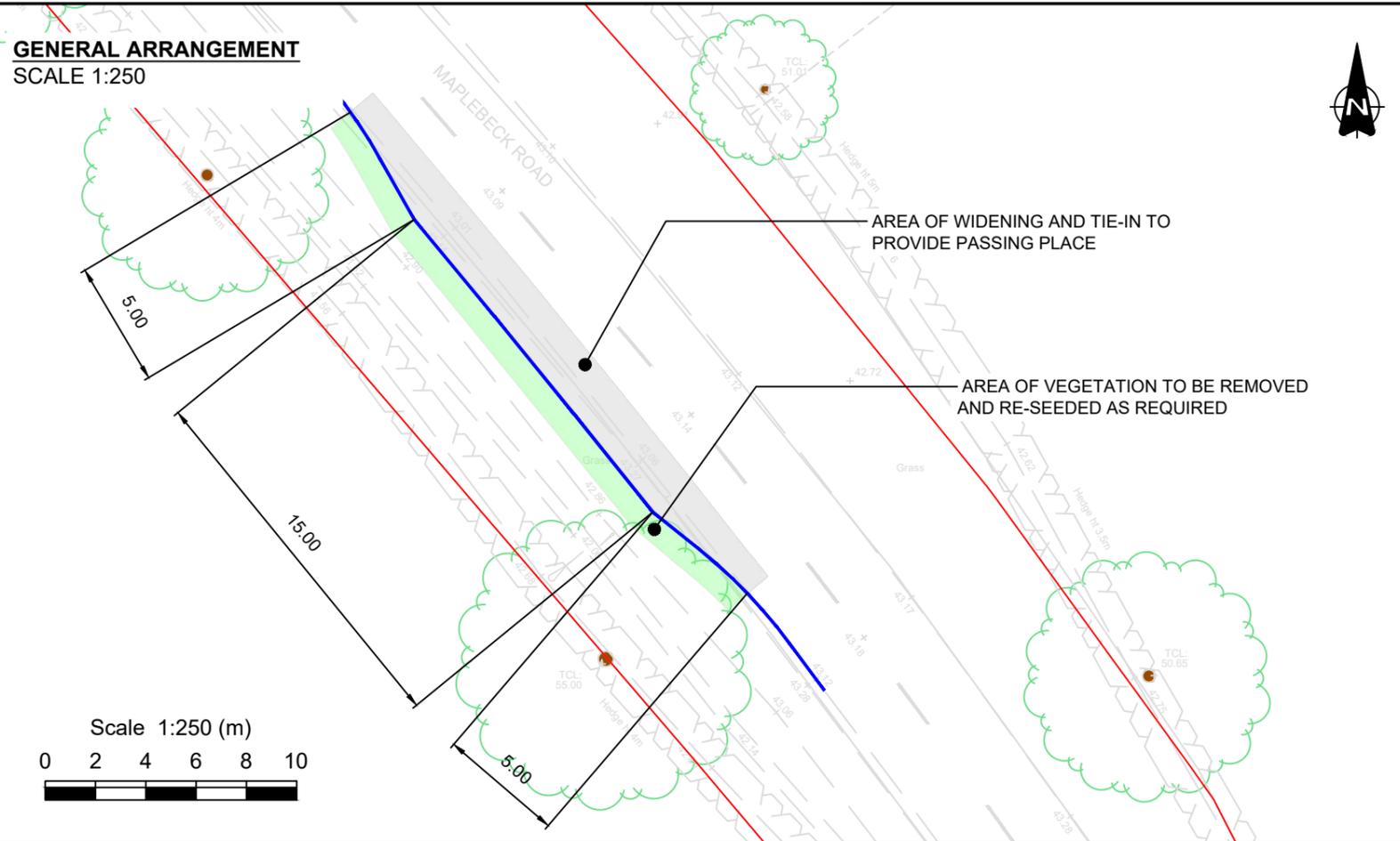
**LOCATION PLAN  
(NOT TO SCALE)**



Easting	470956.00
Northing	361801.00

© OpenStreetMap contributors

**GENERAL ARRANGEMENT  
SCALE 1:250**



**NOTES**

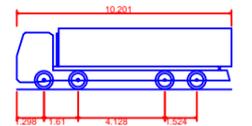
1. Do not scale from this drawing.
2. All dimensions are in metres unless otherwise stated.
3. This drawing is for planning purposes only.

**KEY**

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

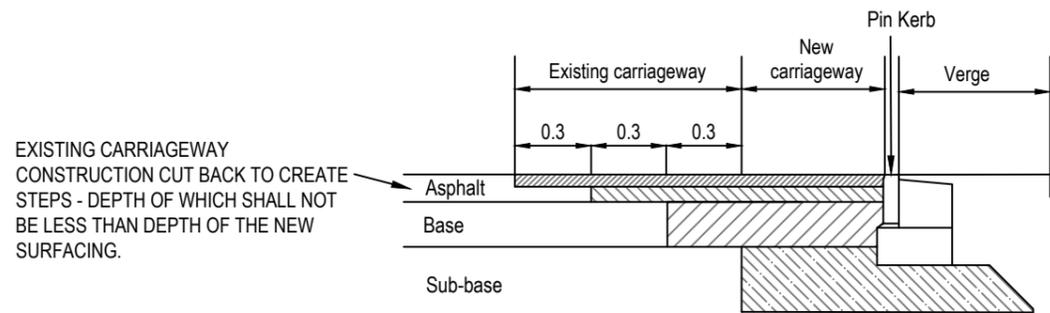
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

**VEHICLE USED FOR SWEEP PATH**



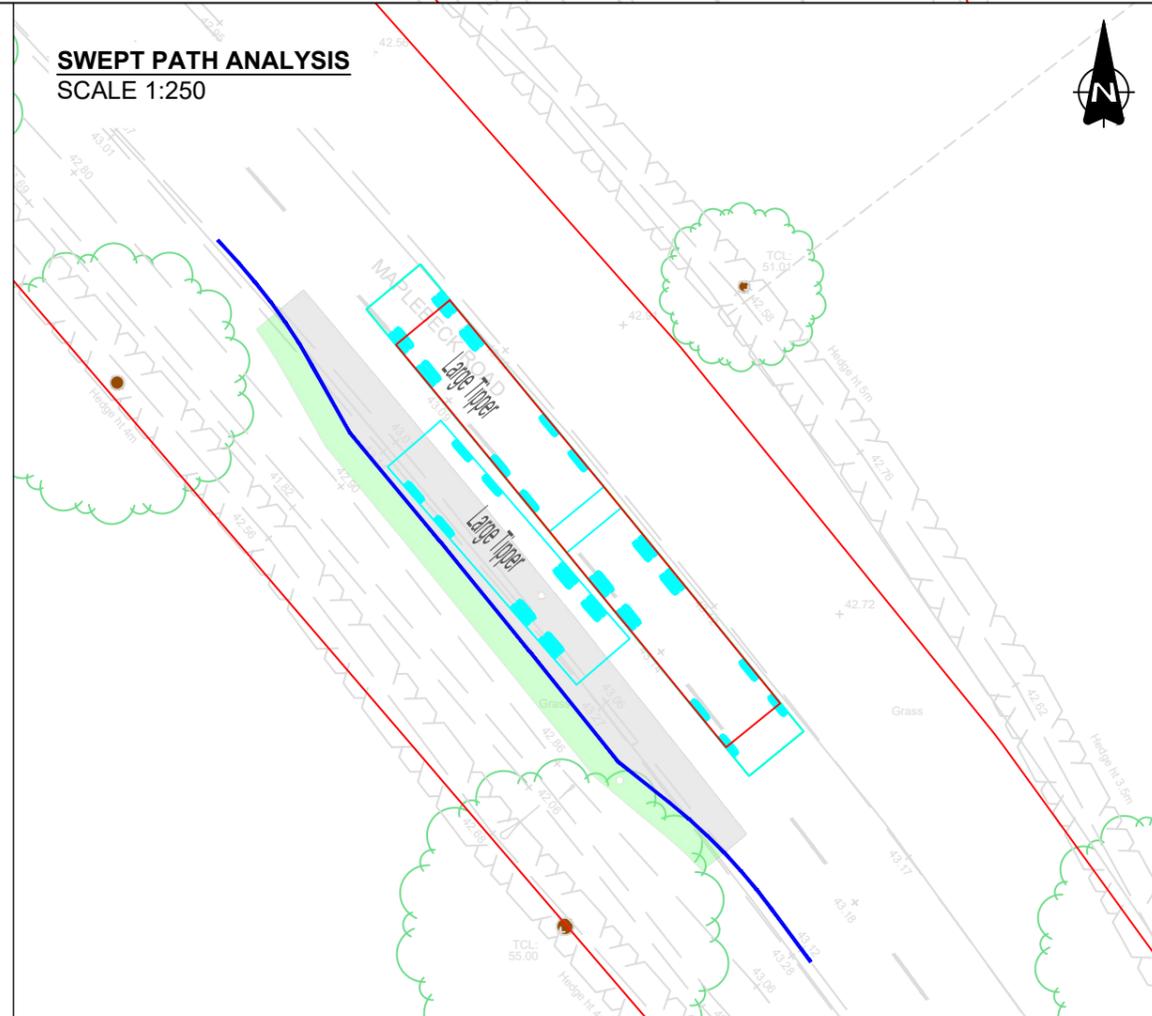
Large Tipper	10.201m
Overall Length	2.495m
Overall Width	2.890m
Overall Body Height	0.341m
Min Body Ground Clearance	2.471m
Track Width	6.00s
Lock to lock time	11.550m
Kerb to Kerb Turning Radius	

**CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY**



EXISTING CARRIAGEWAY CONSTRUCTION CUT BACK TO CREATE STEPS - DEPTH OF WHICH SHALL NOT BE LESS THAN DEPTH OF THE NEW SURFACING.

**SWEEP PATH ANALYSIS  
SCALE 1:250**



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



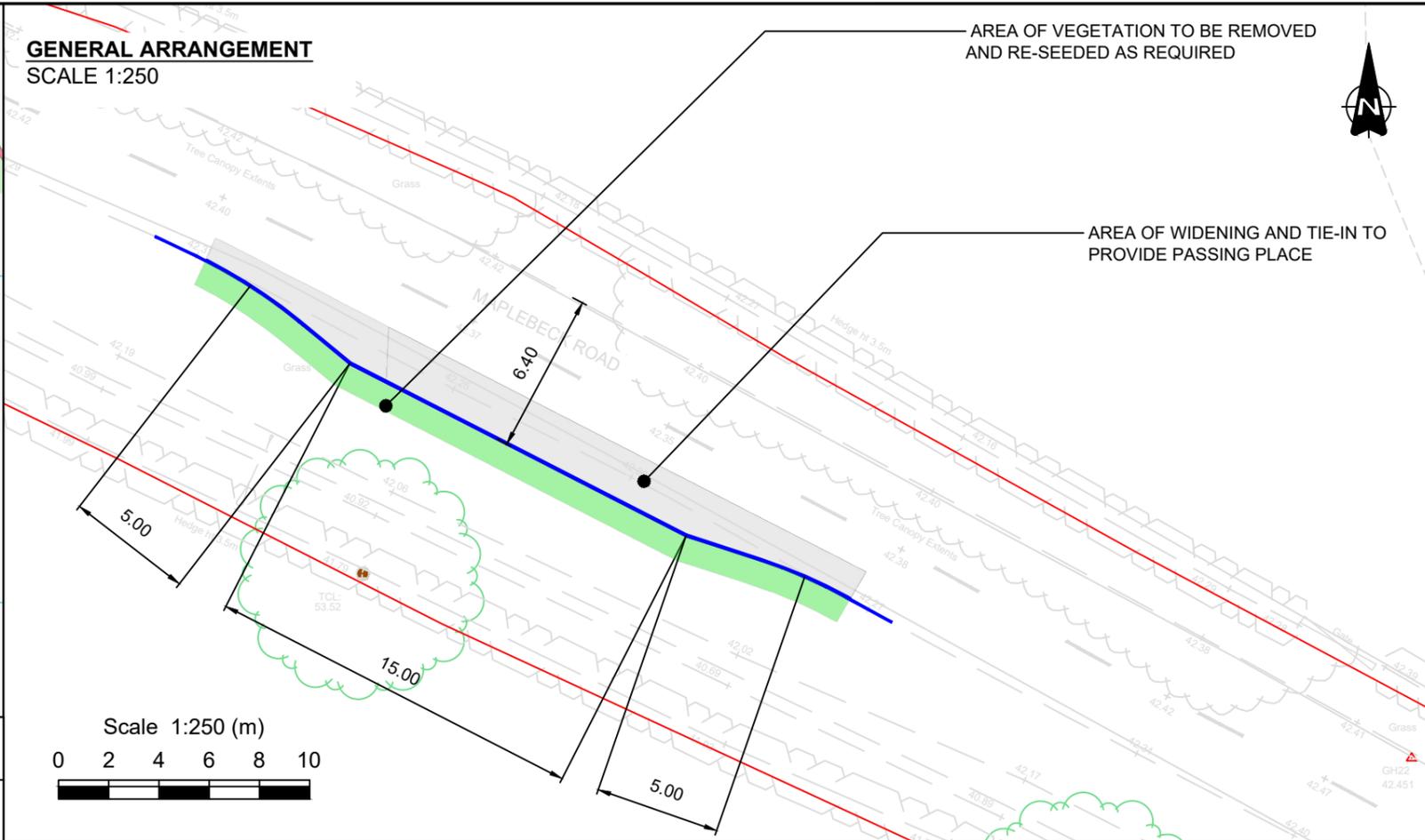
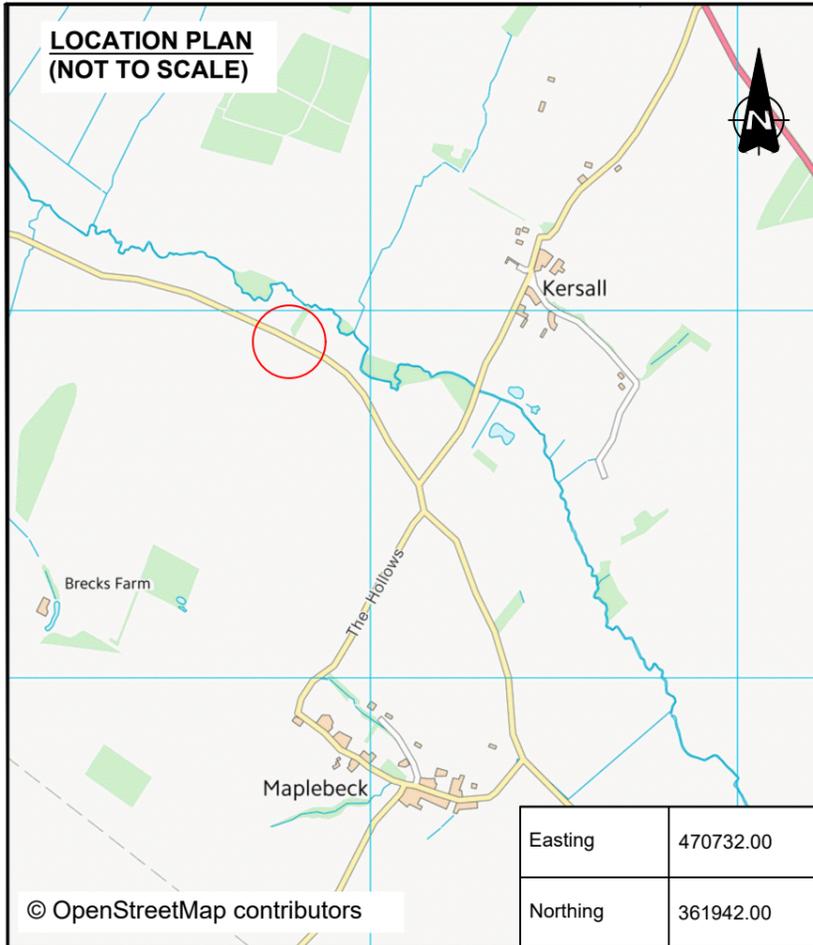
Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE  
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 09**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION	Drawing Number	23D07-SK209	Rev.	



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

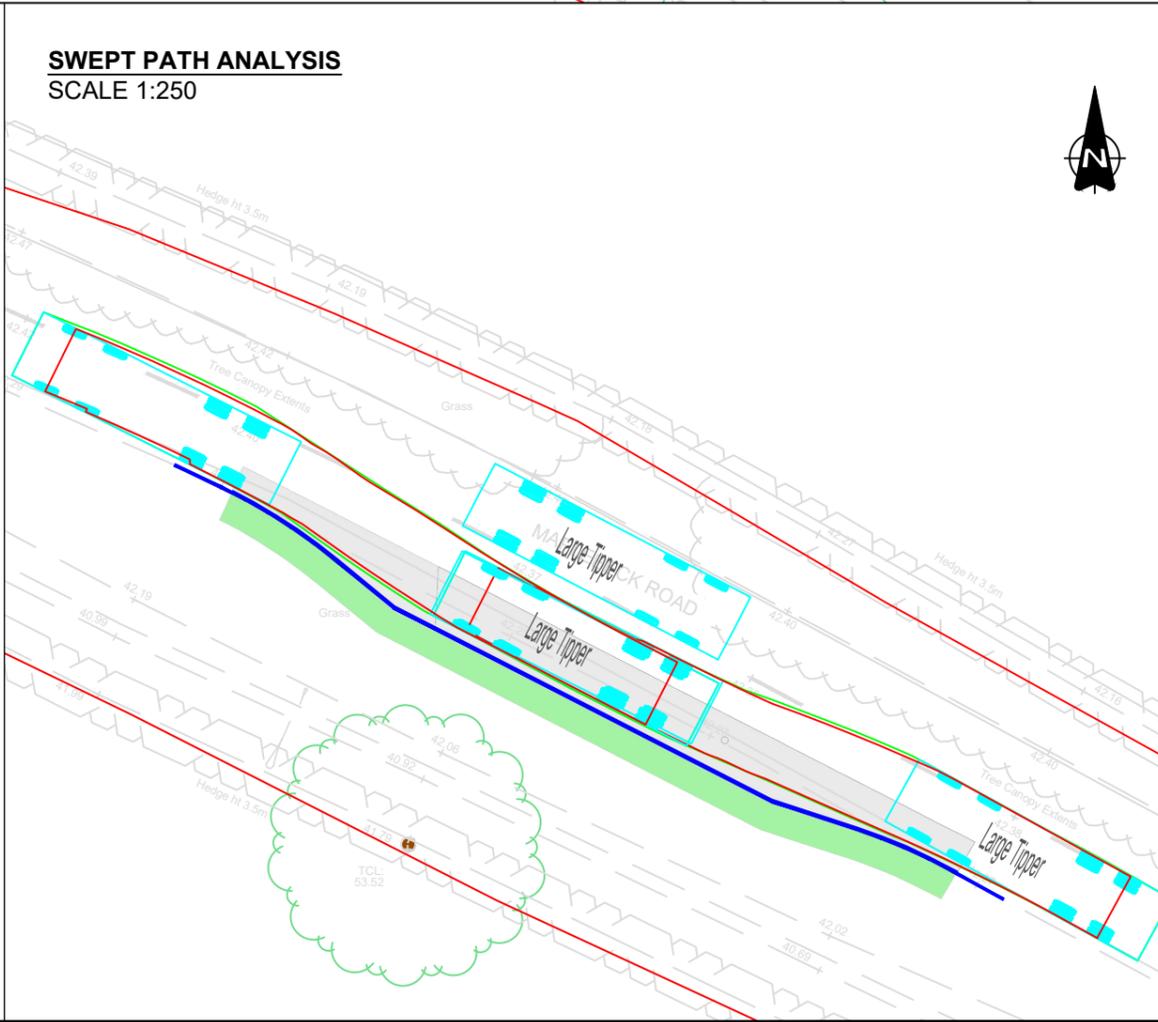
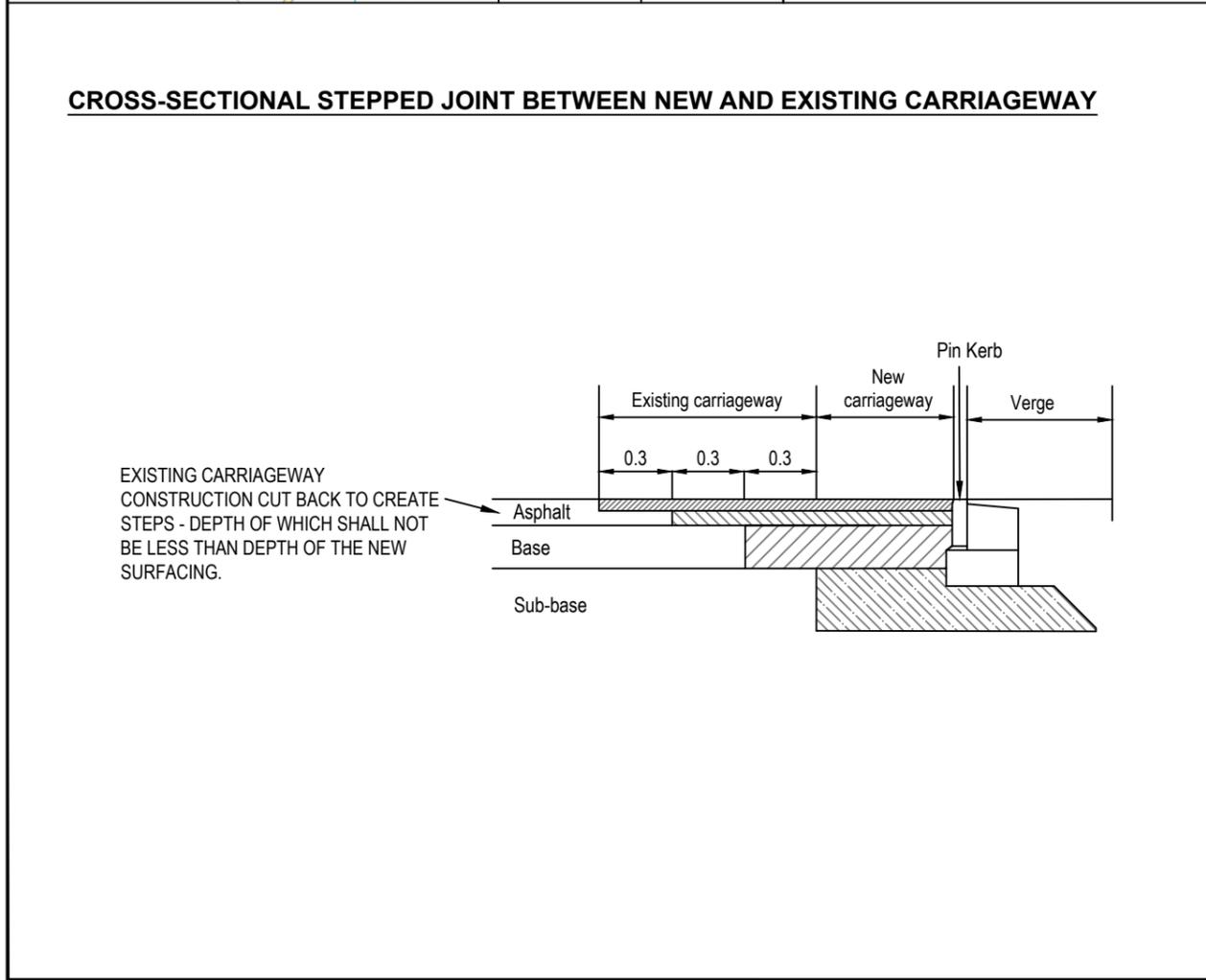
### KEY

- Proposed Kerbline
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Large Tipper	10.201m
Overall Length	2.495m
Overall Width	2.890m
Overall Body Height	0.341m
Min Body Ground Clearance	2.471m
Track Width	6.00s
Lock to lock time	11.550m
Kerb to Kerb Turning Radius	



Rev	Date	Revision details	Drawn	Checked	Approved
-----	------	------------------	-------	---------	----------

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

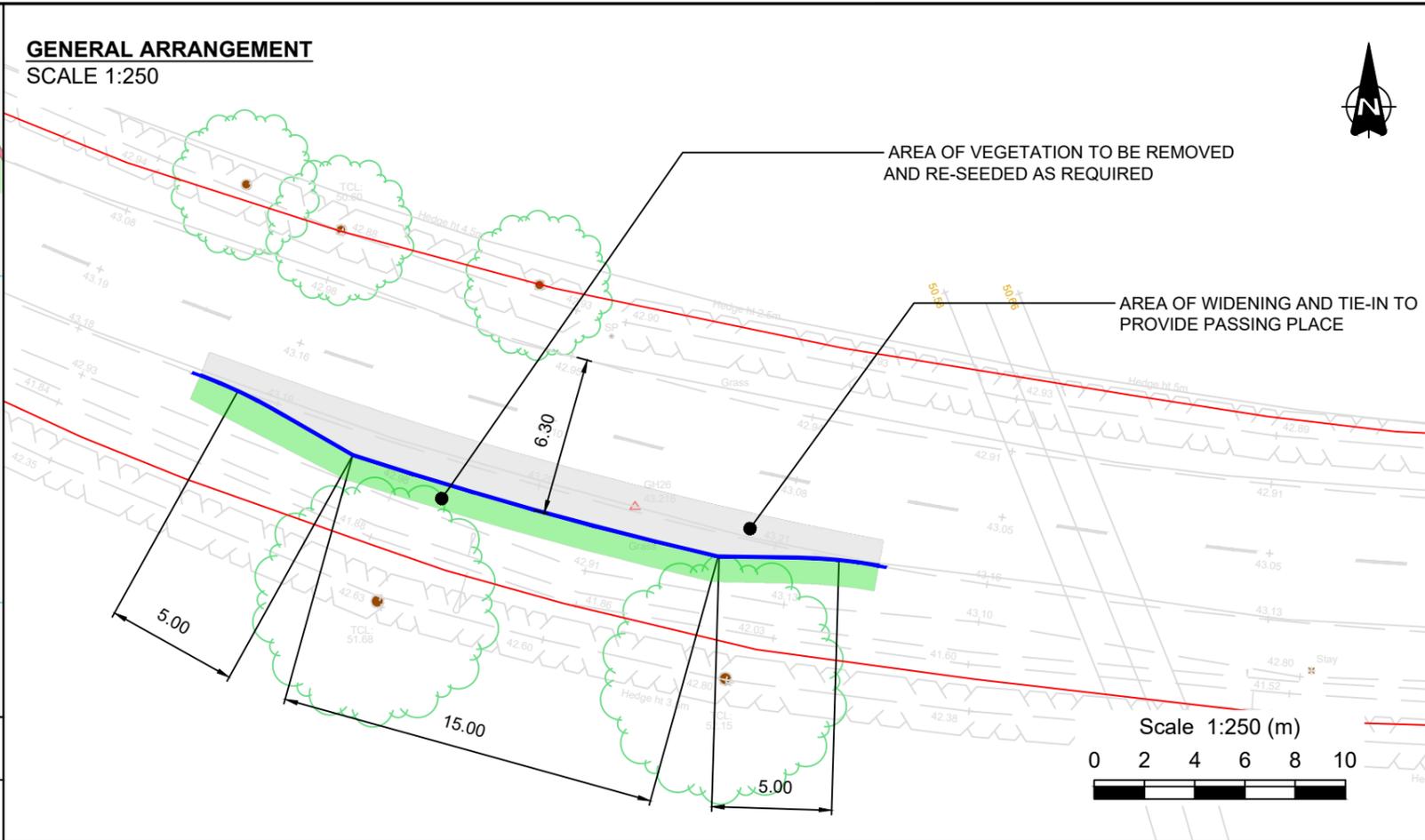
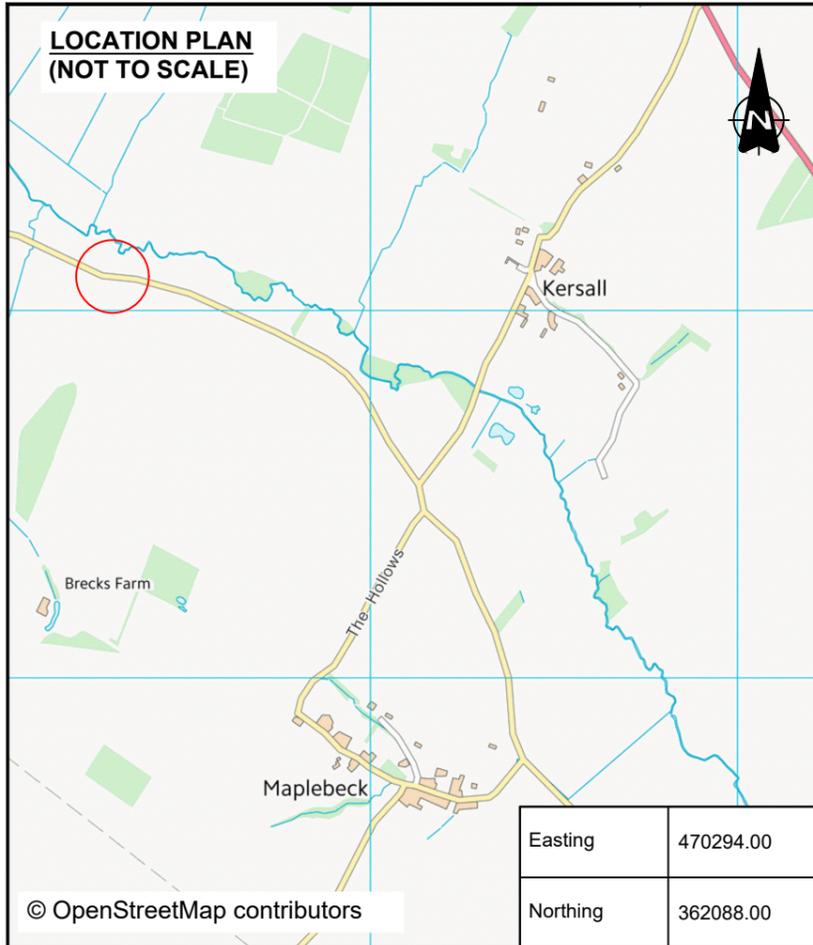
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 10**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK210	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

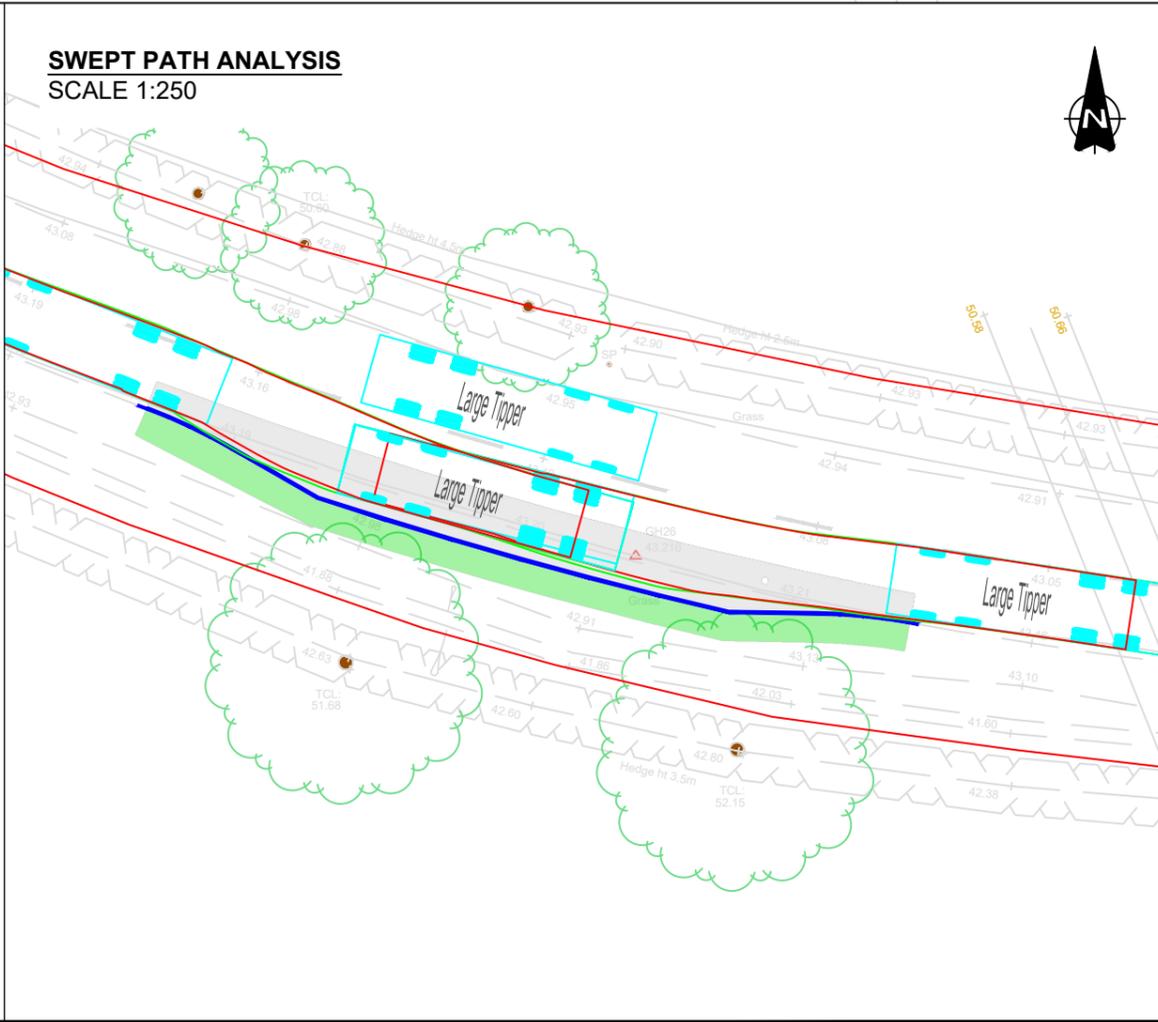
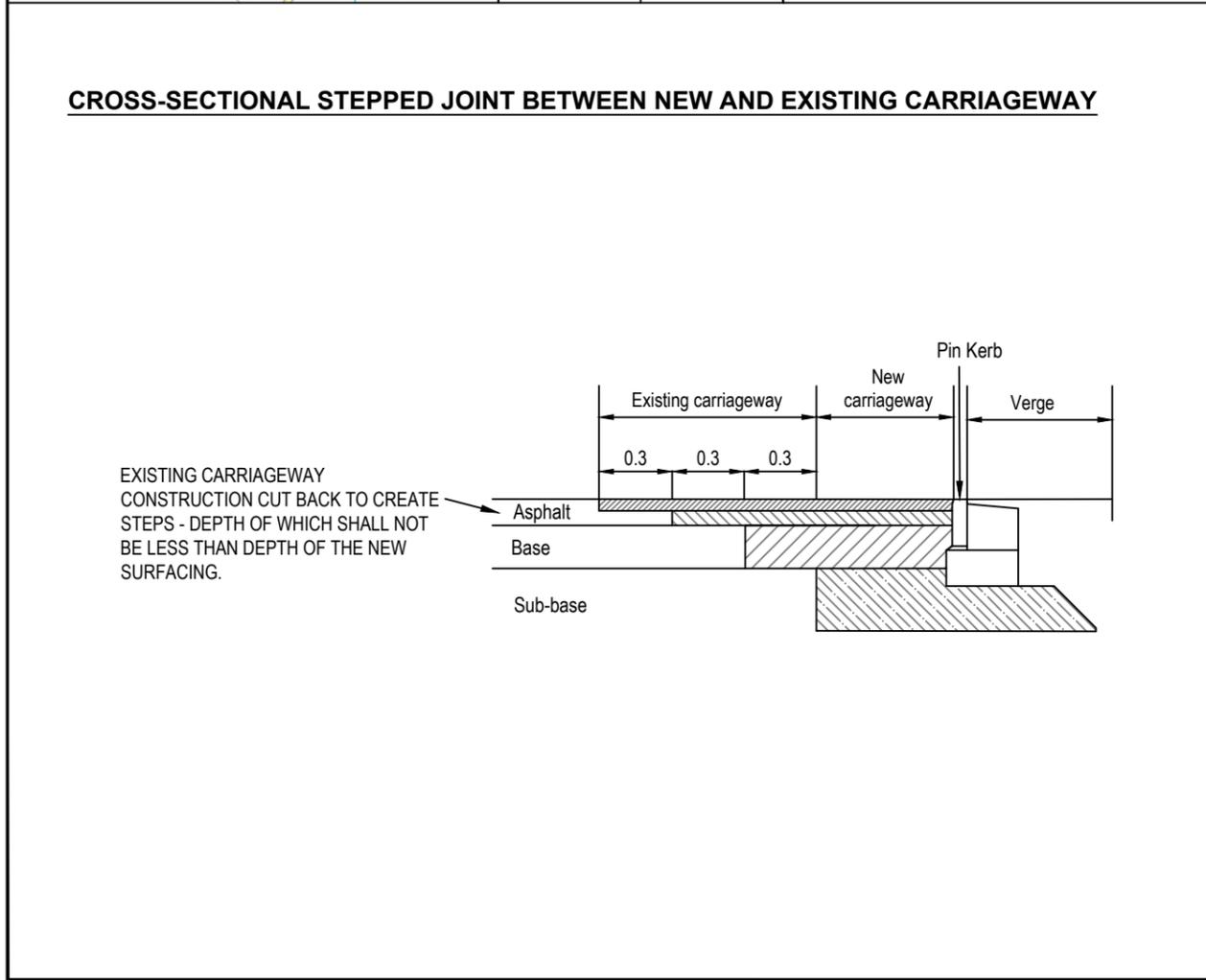
### KEY

- Proposed Kerbline
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Large Tipper	10.201m
Overall Length	2.495m
Overall Width	2.890m
Overall Body Height	0.341m
Min Body Ground Clearance	2.471m
Track Width	6.00s
Lock to lock time	11.550m
Kerb to Kerb Turning Radius	



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

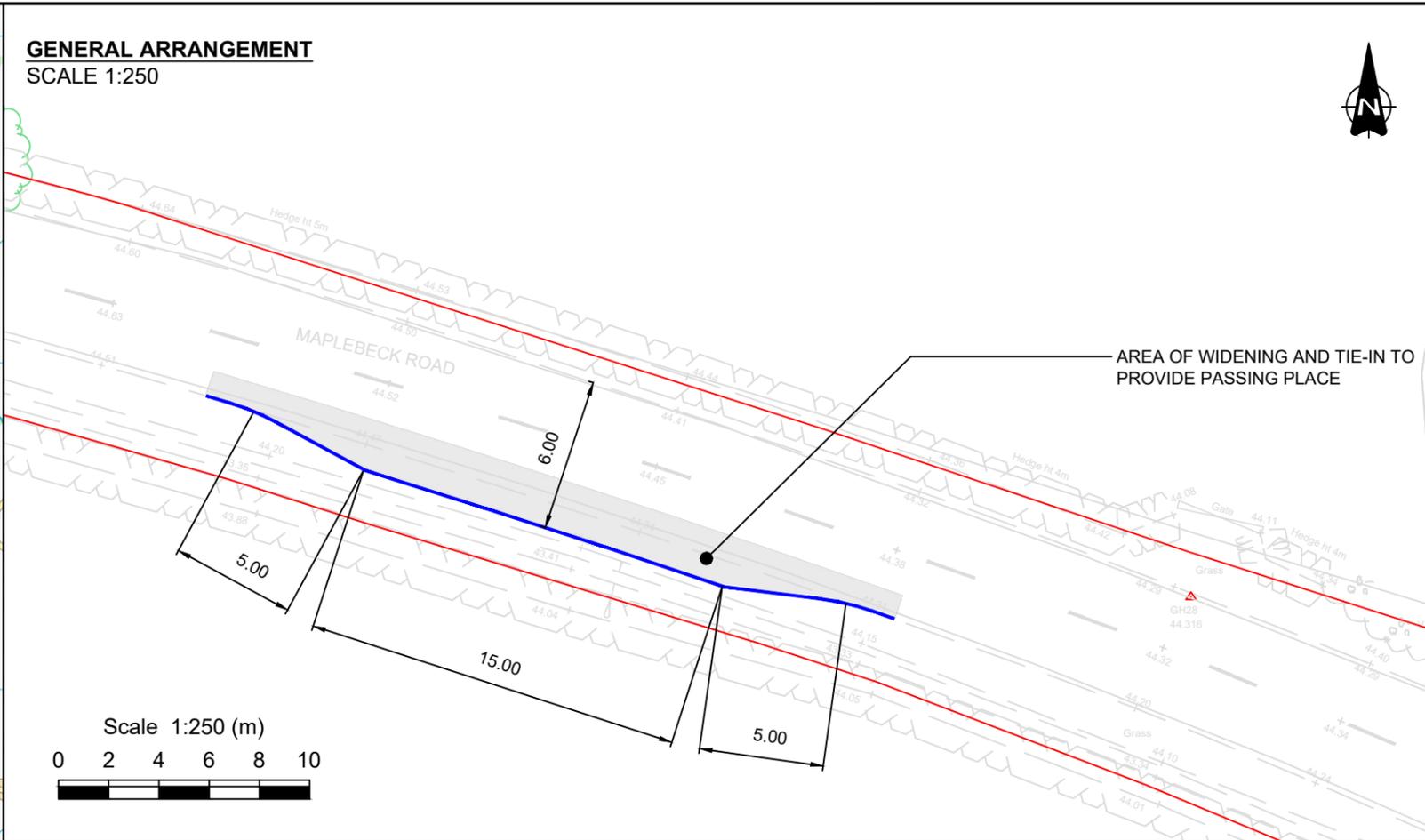
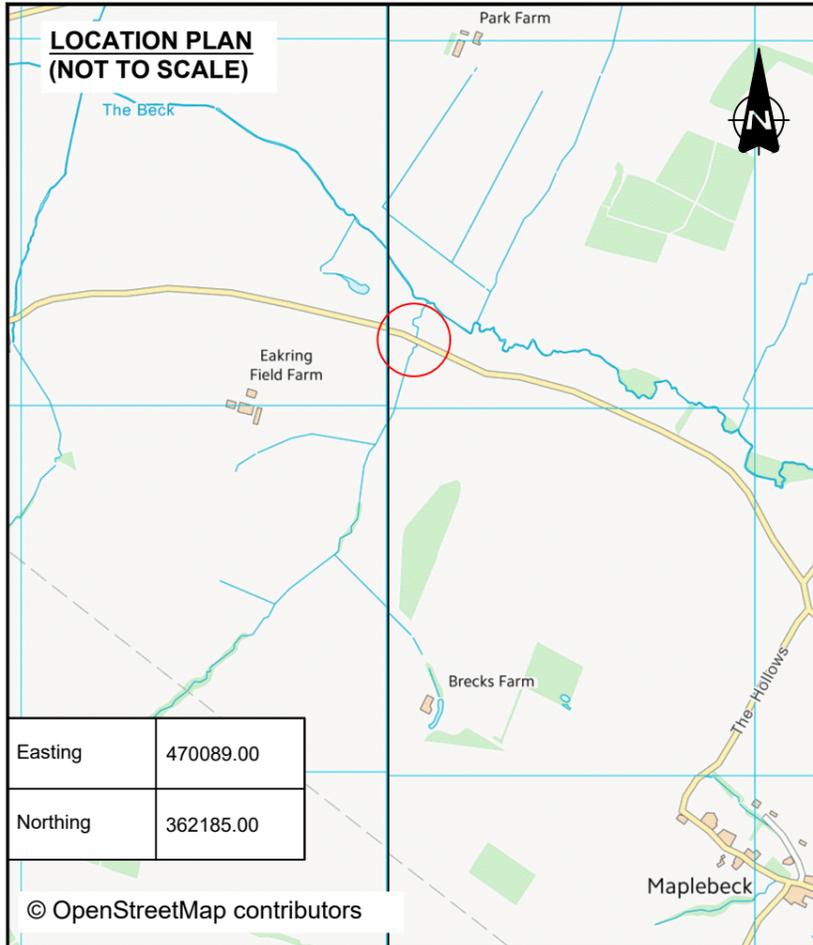
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 11**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK211	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

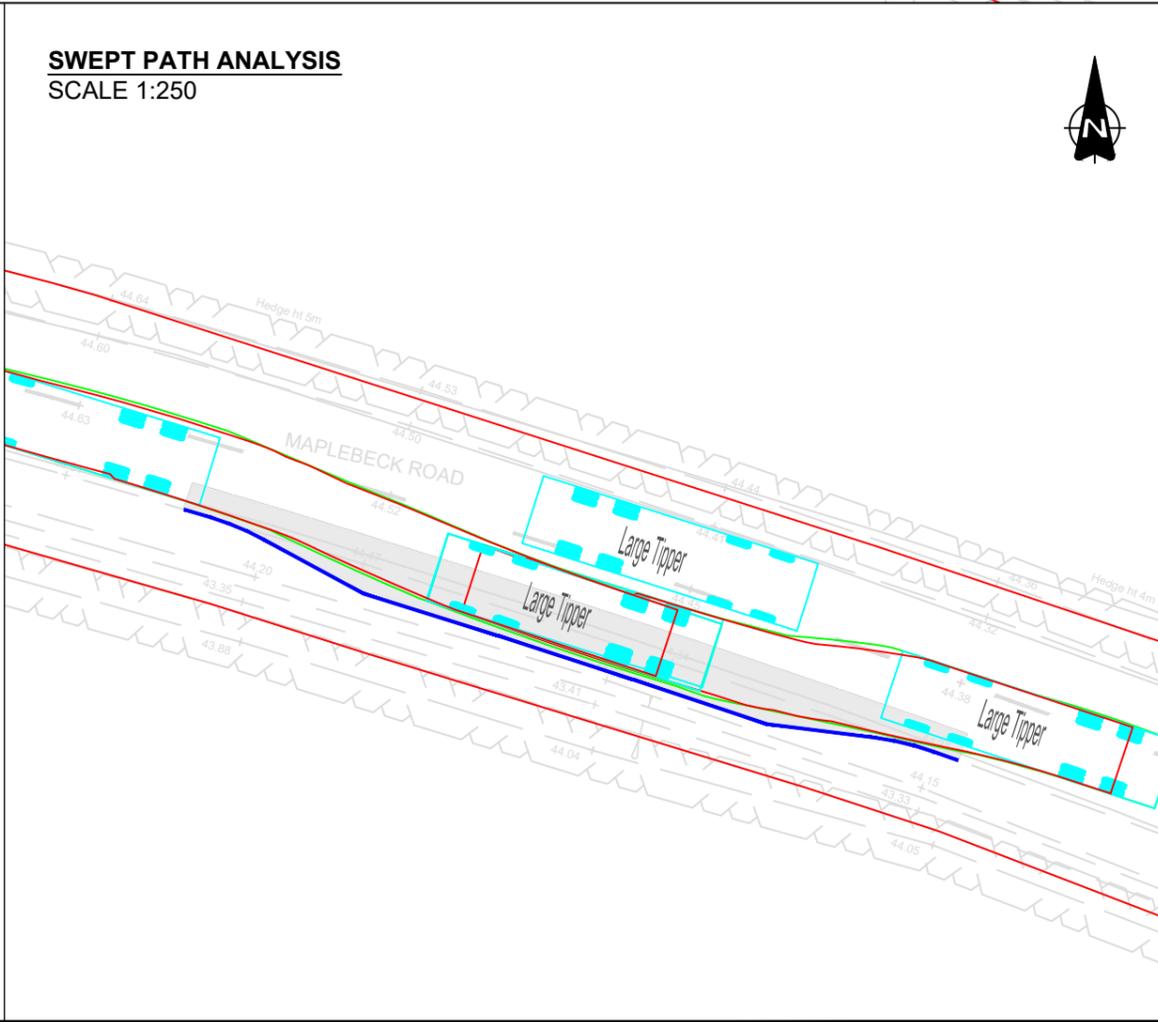
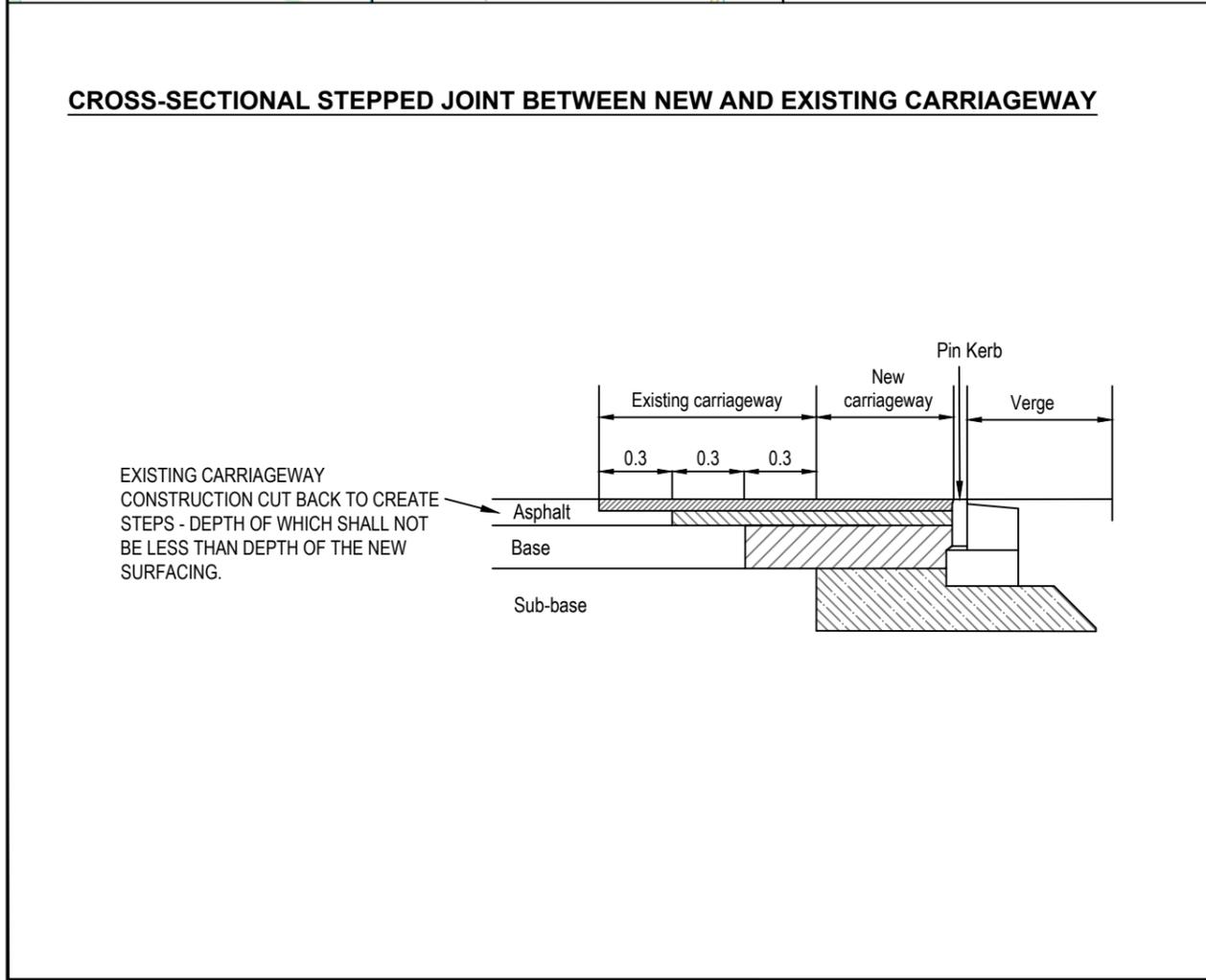
### KEY

- Proposed Kerline
- Proposed Carriageway Widening
- Order limits

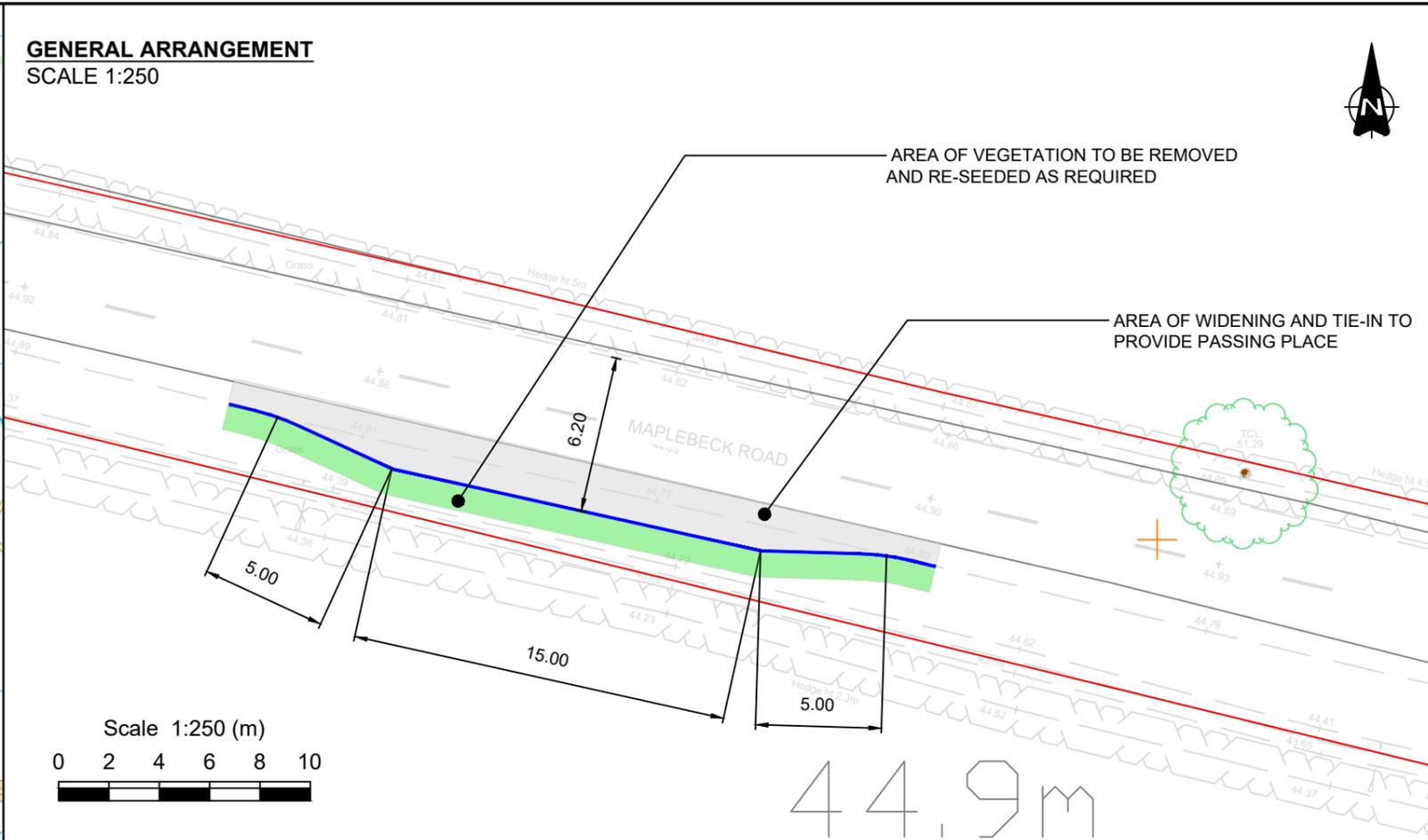
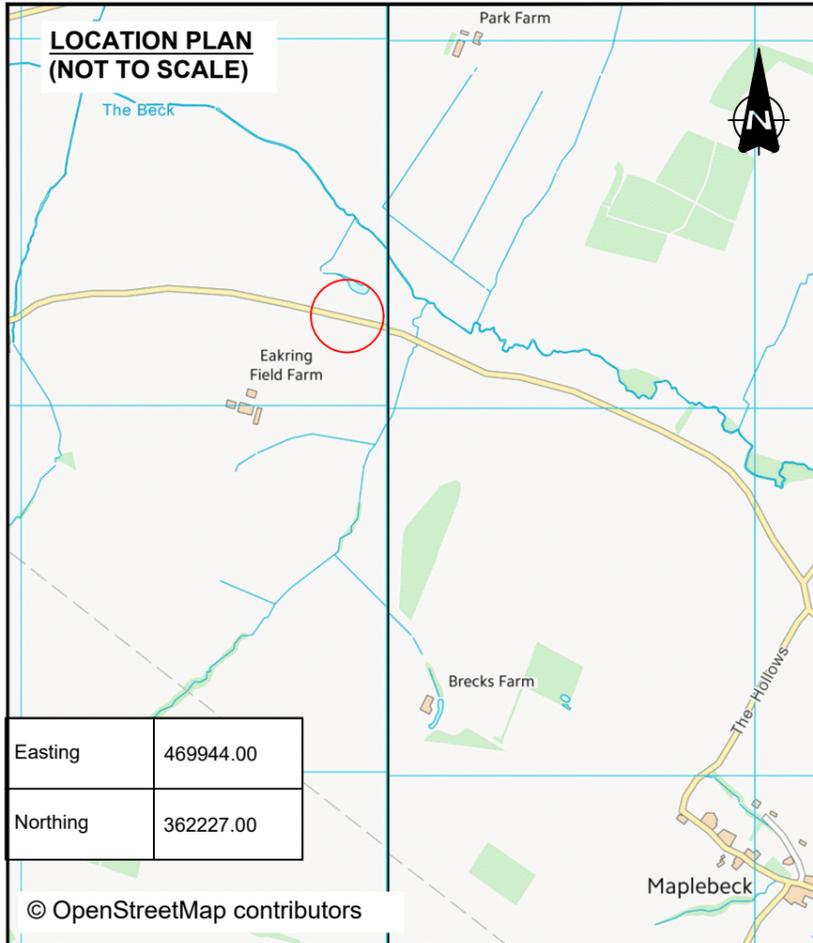
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev	Date	Revision details	Drawn	Checked	Approved
© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.					
Milburn House, Dean Street, Newcastle upon Tyne, NE1 1LE					
T 0191 249 3816 E uk_newcastle@systra.com					
Client					
ELEMENTS GREEN TRENT LTD.					
Project					
GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK					
Title					
PROPOSED PASSING PLACE LOCATION 12					
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK212	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

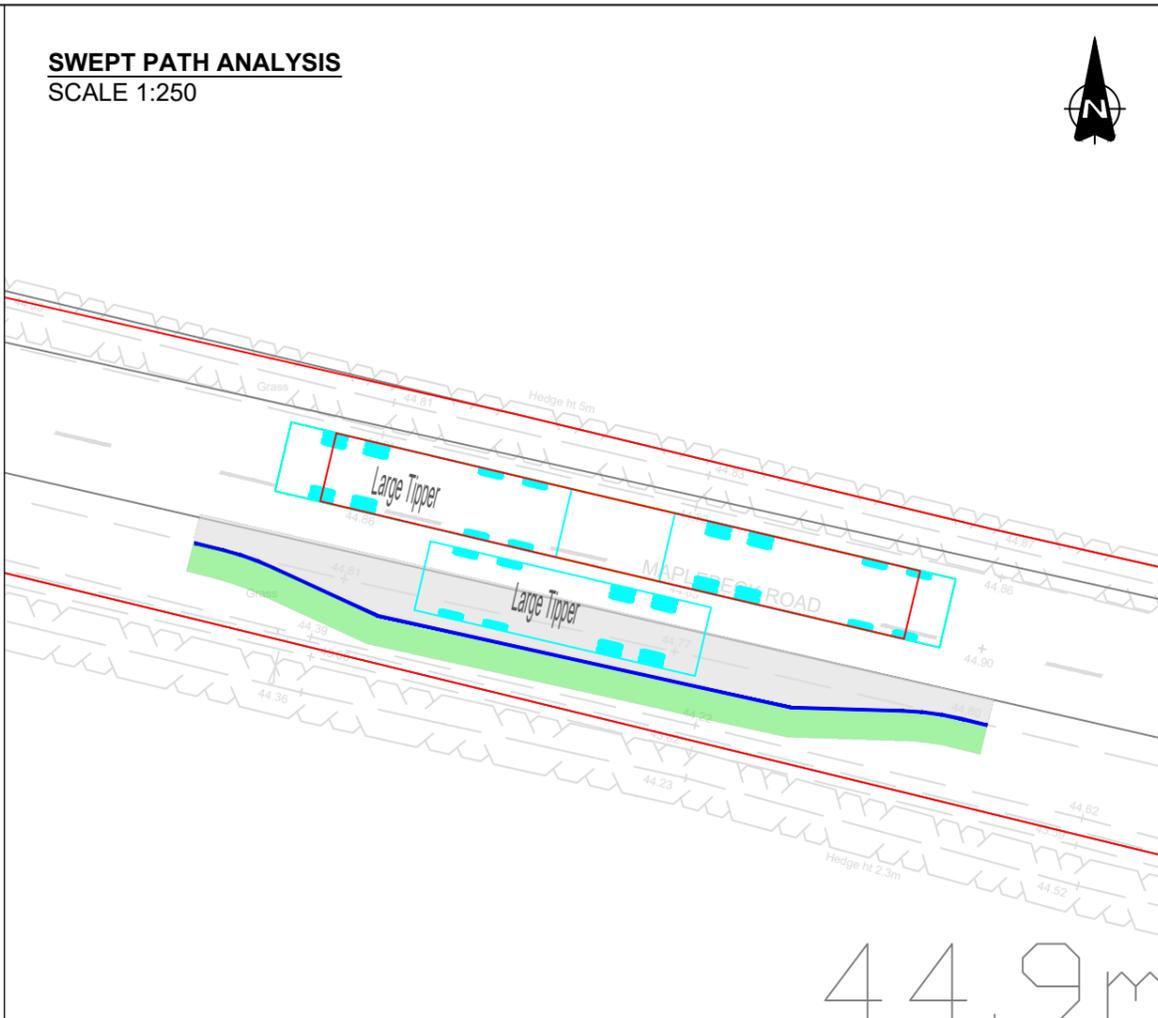
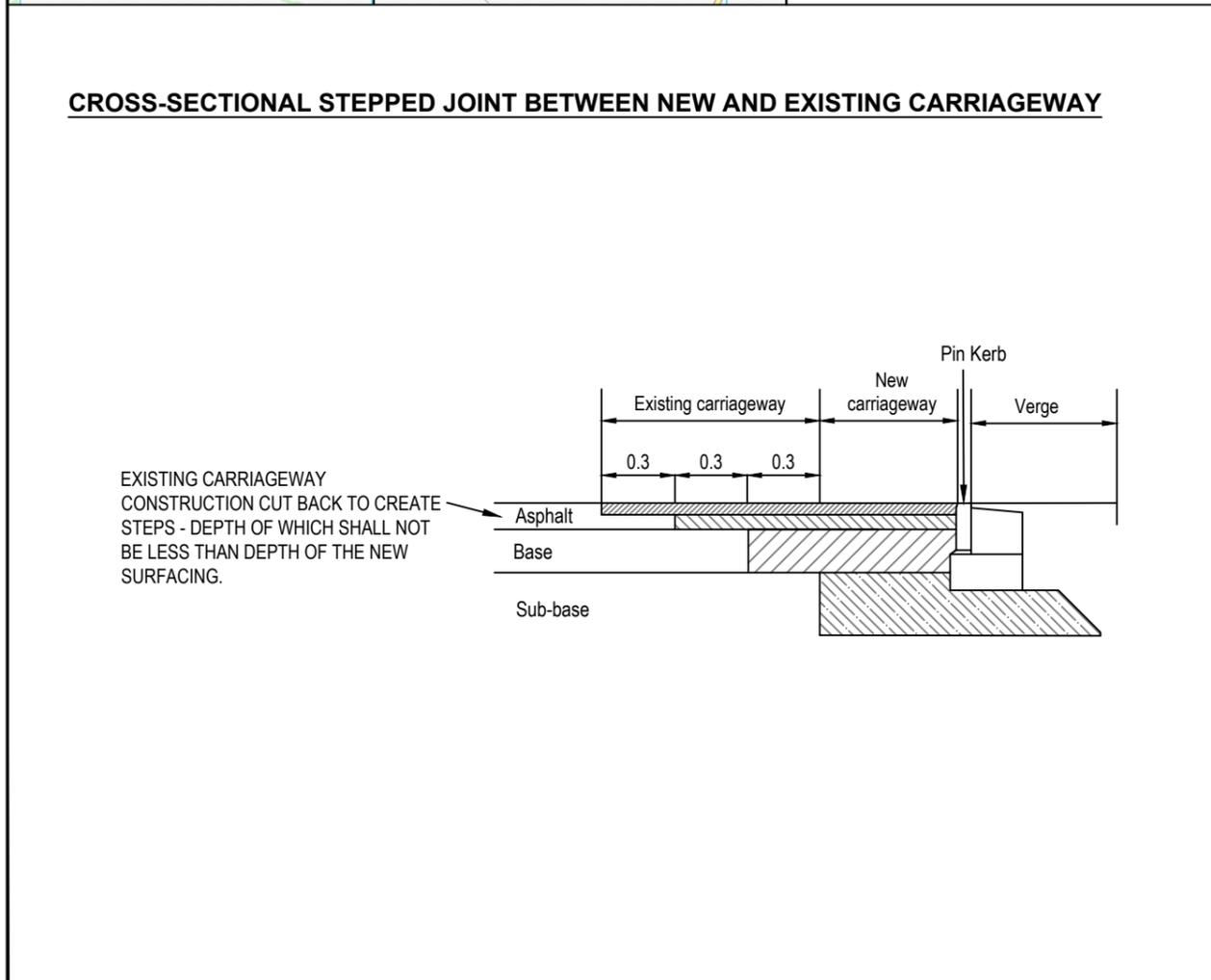
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as required

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

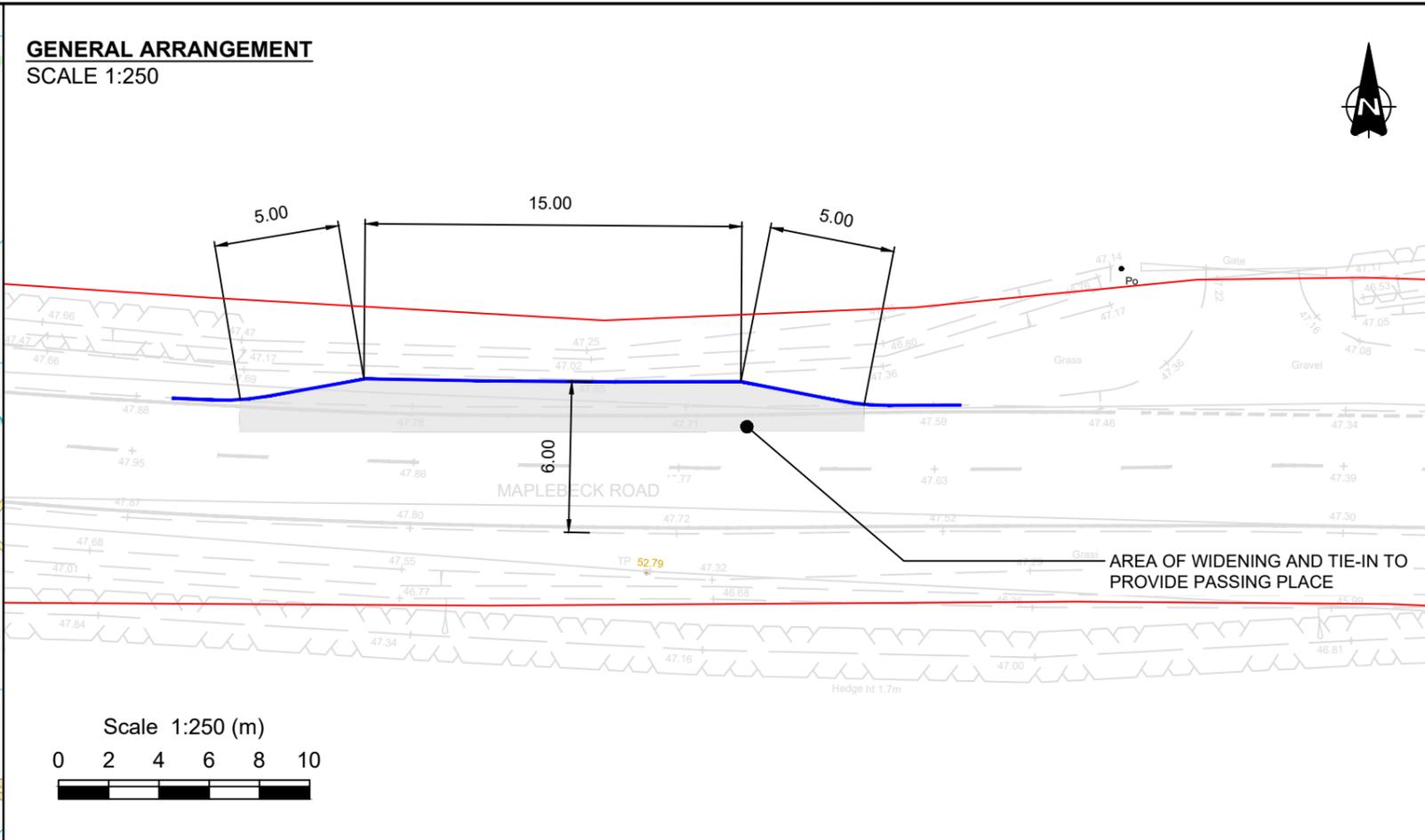
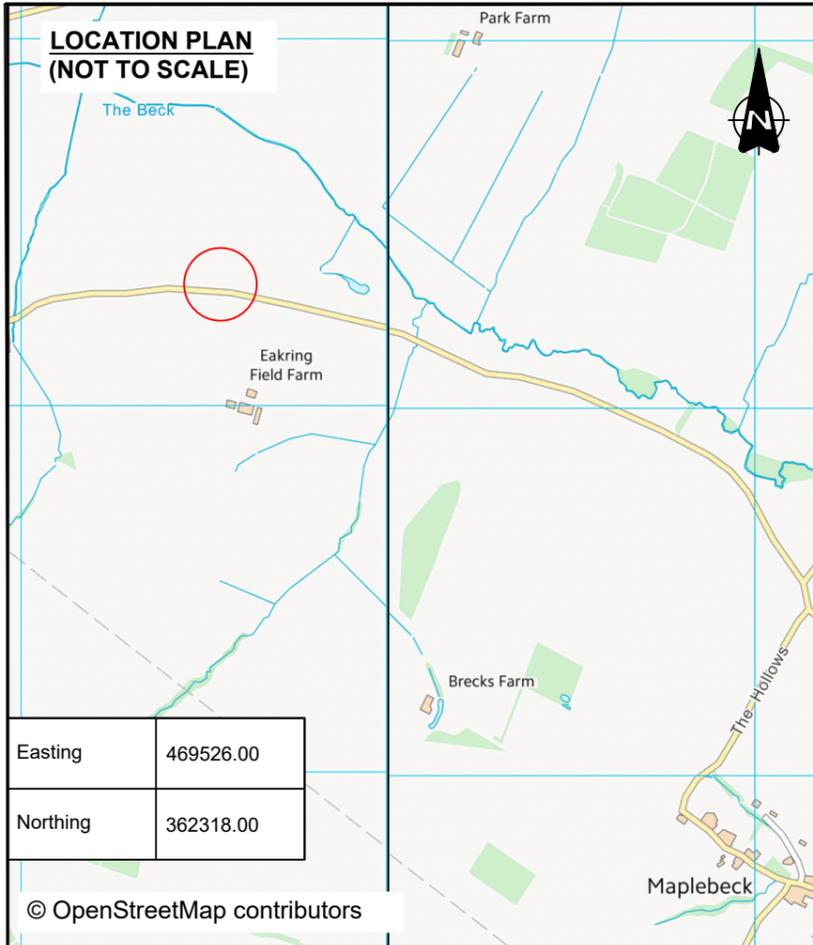
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 13**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION	Drawing Number	23D07-SK213	Rev.	



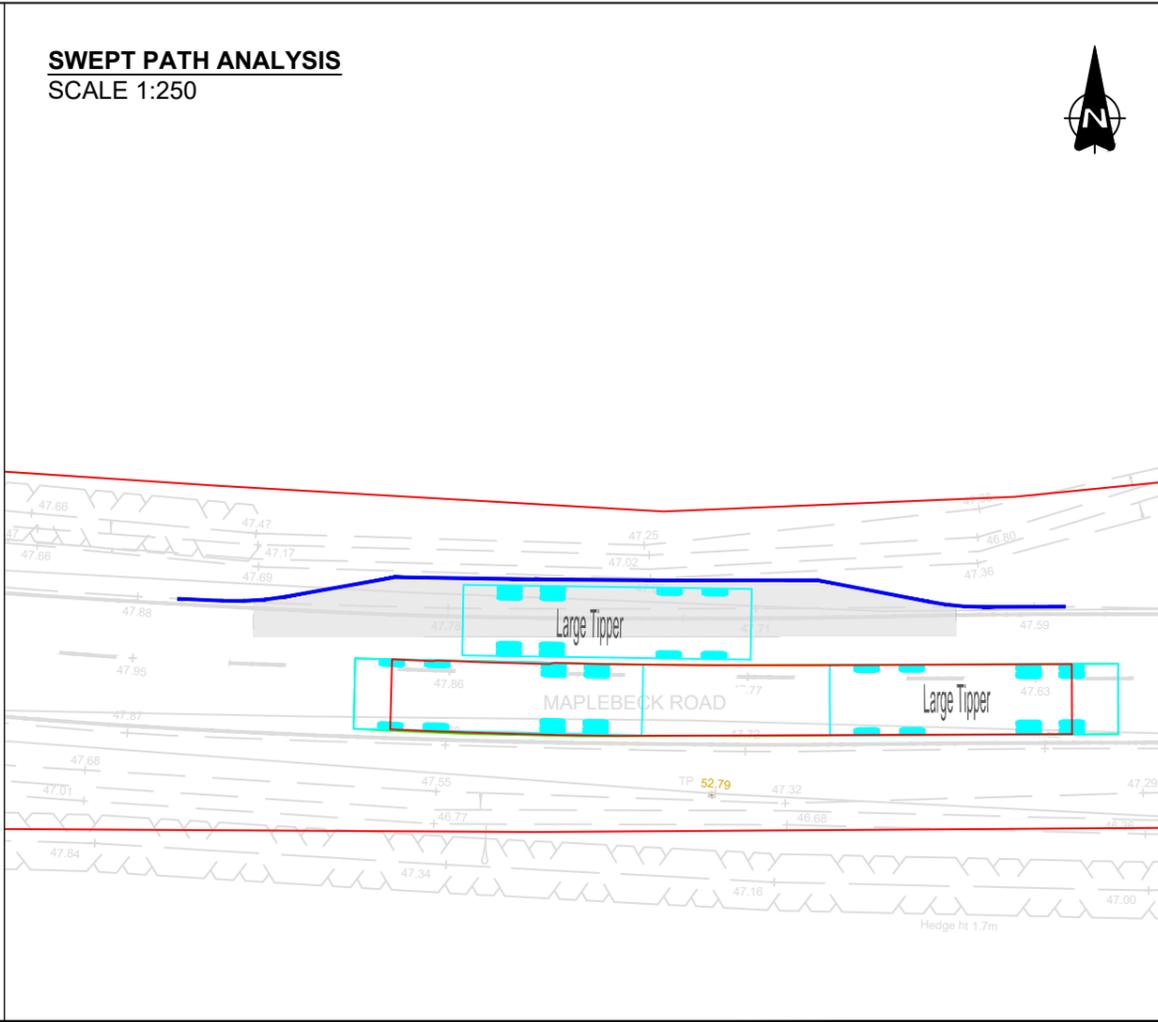
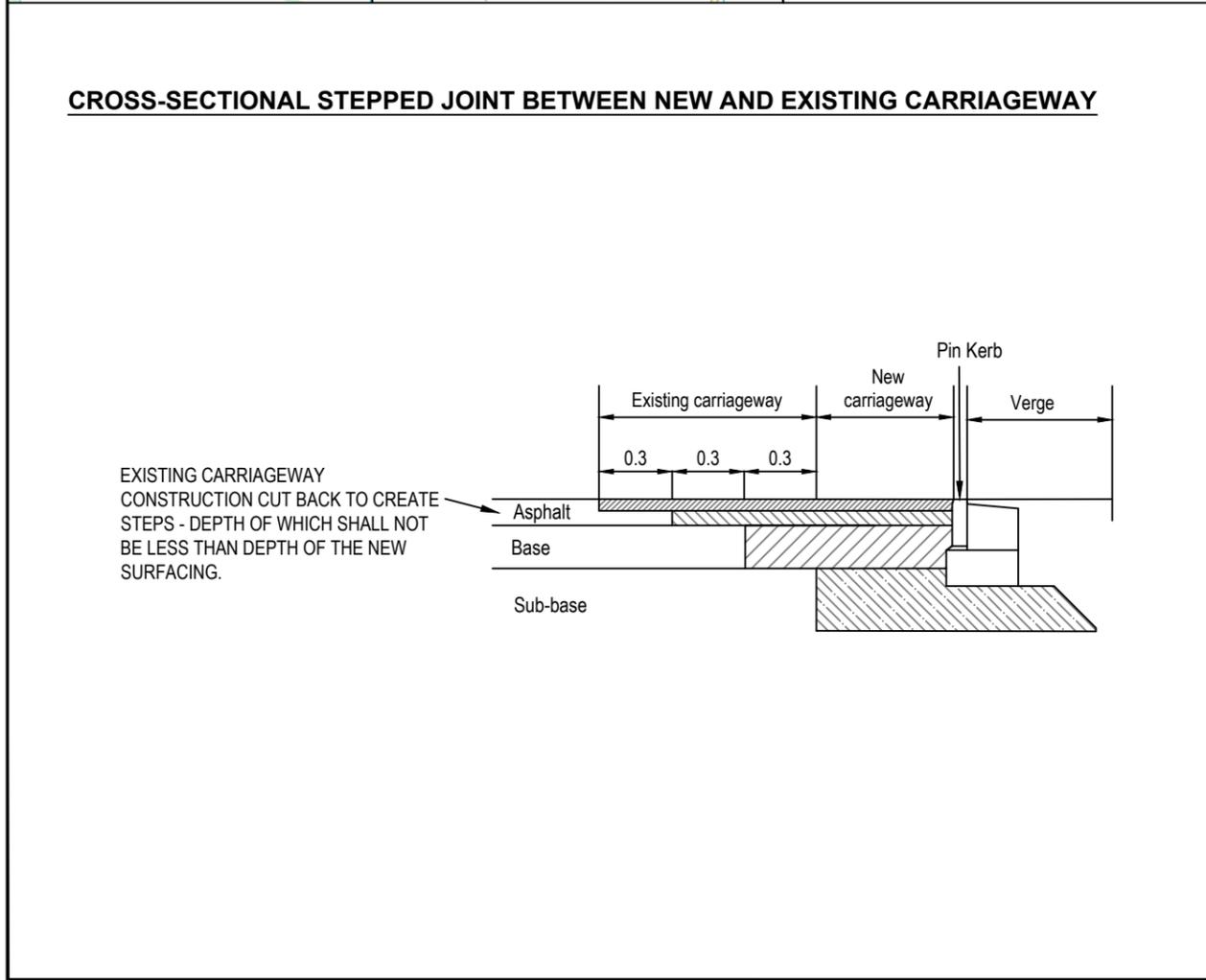
### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.



### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

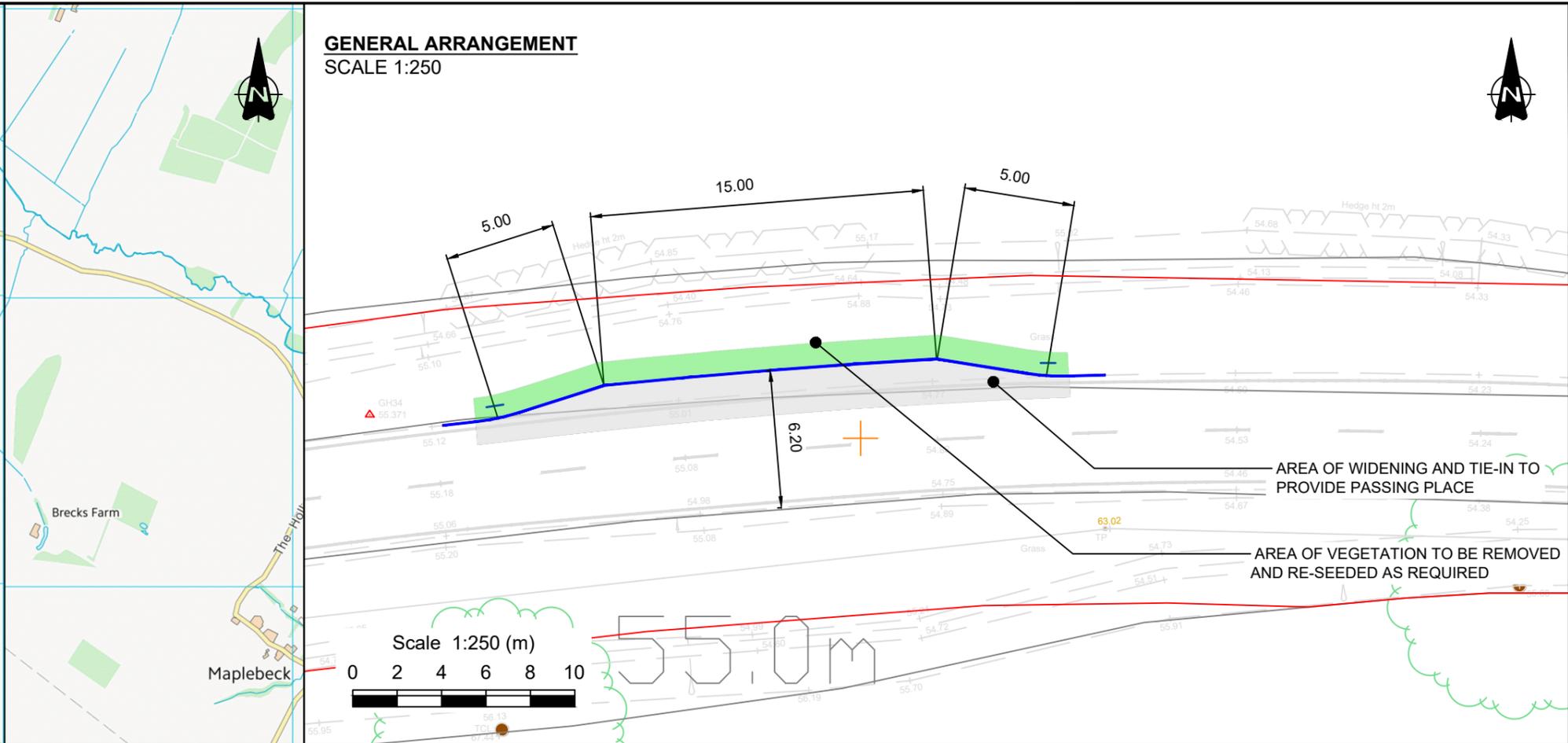
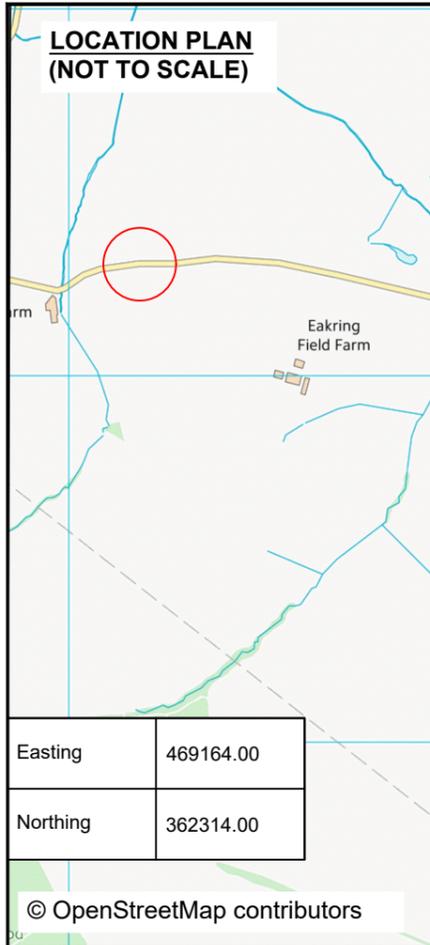
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
ELEMENTS GREEN TRENT LTD.

Project  
GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title  
PROPOSED PASSING PLACE LOCATION 14

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK214	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

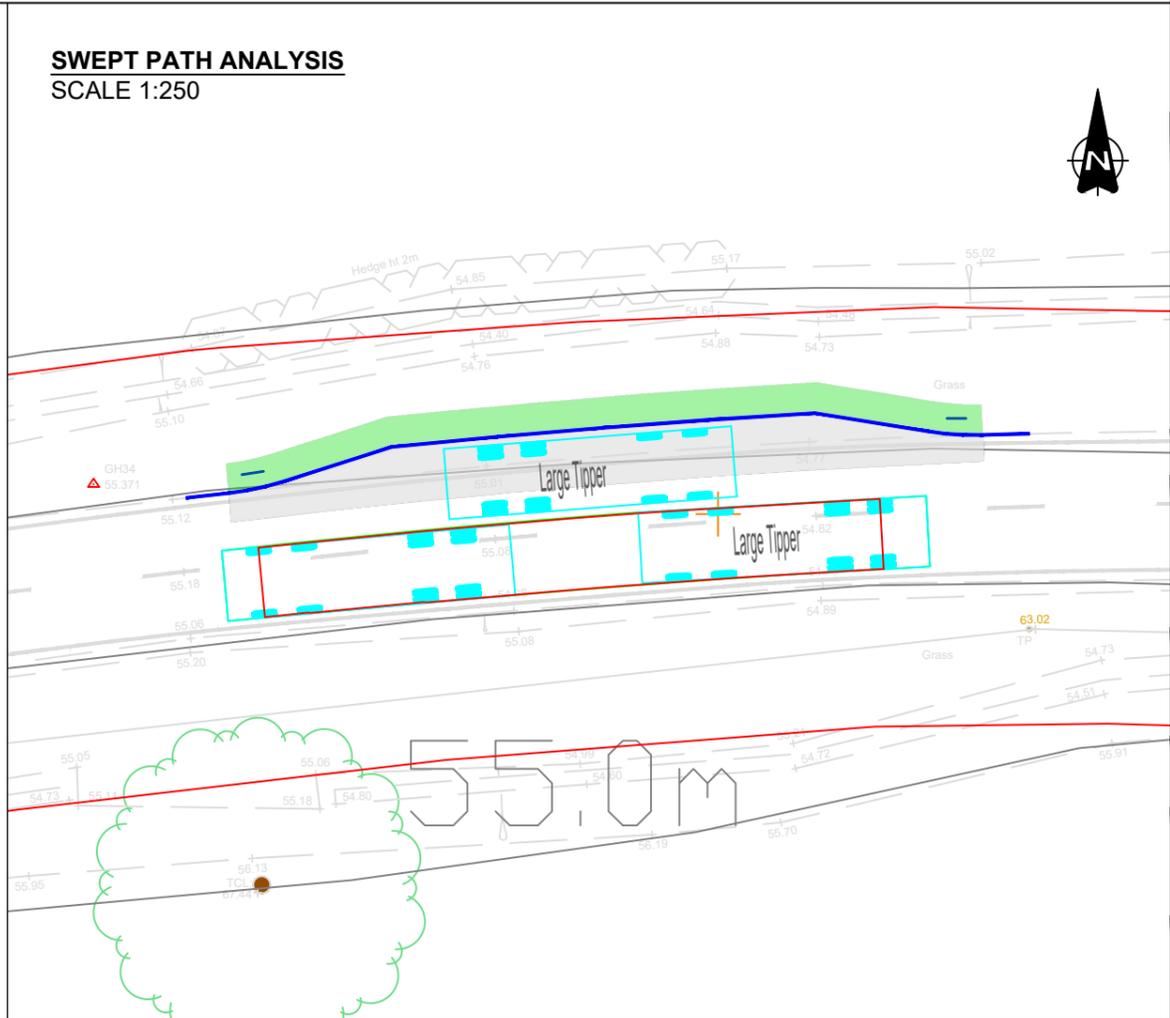
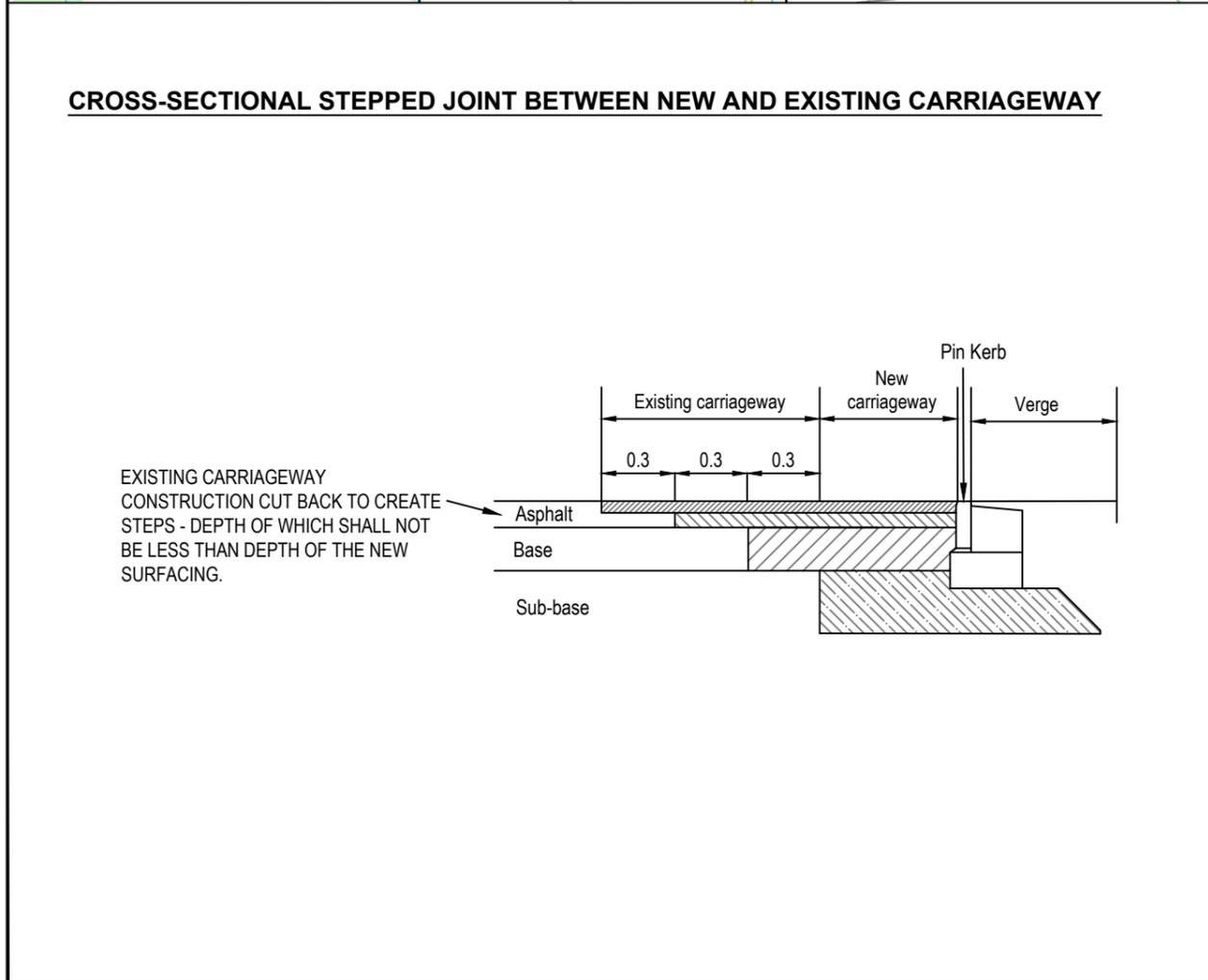
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

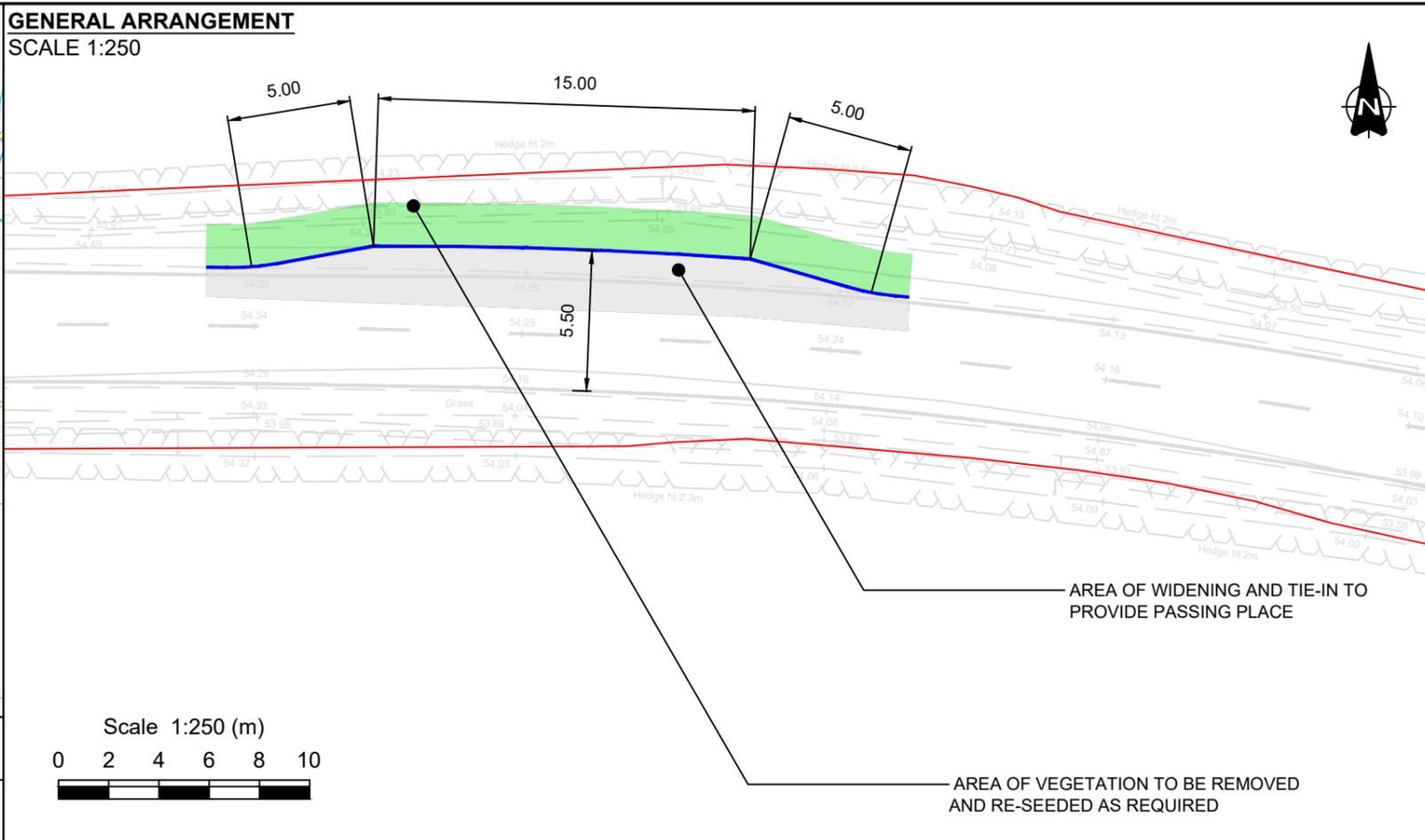
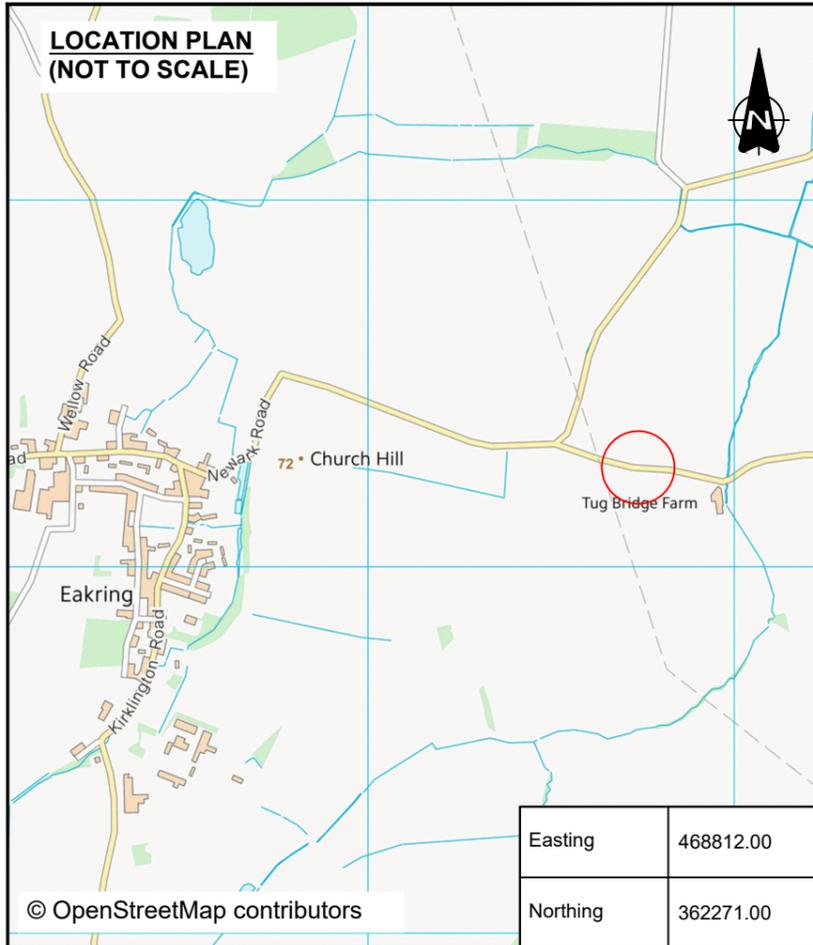
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev	Date	Revision details	Drawn	Checked	Approved
© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.					
Milburn House, Dean Street, Newcastle upon Tyne, NE1 1LE					
T 0191 249 3816 E uk_newcastle@systra.com					
Client					
ELEMENTS GREEN TRENT LTD.					
Project					
GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK					
Title					
PROPOSED PASSING PLACE LOCATION 15					
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK215	



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

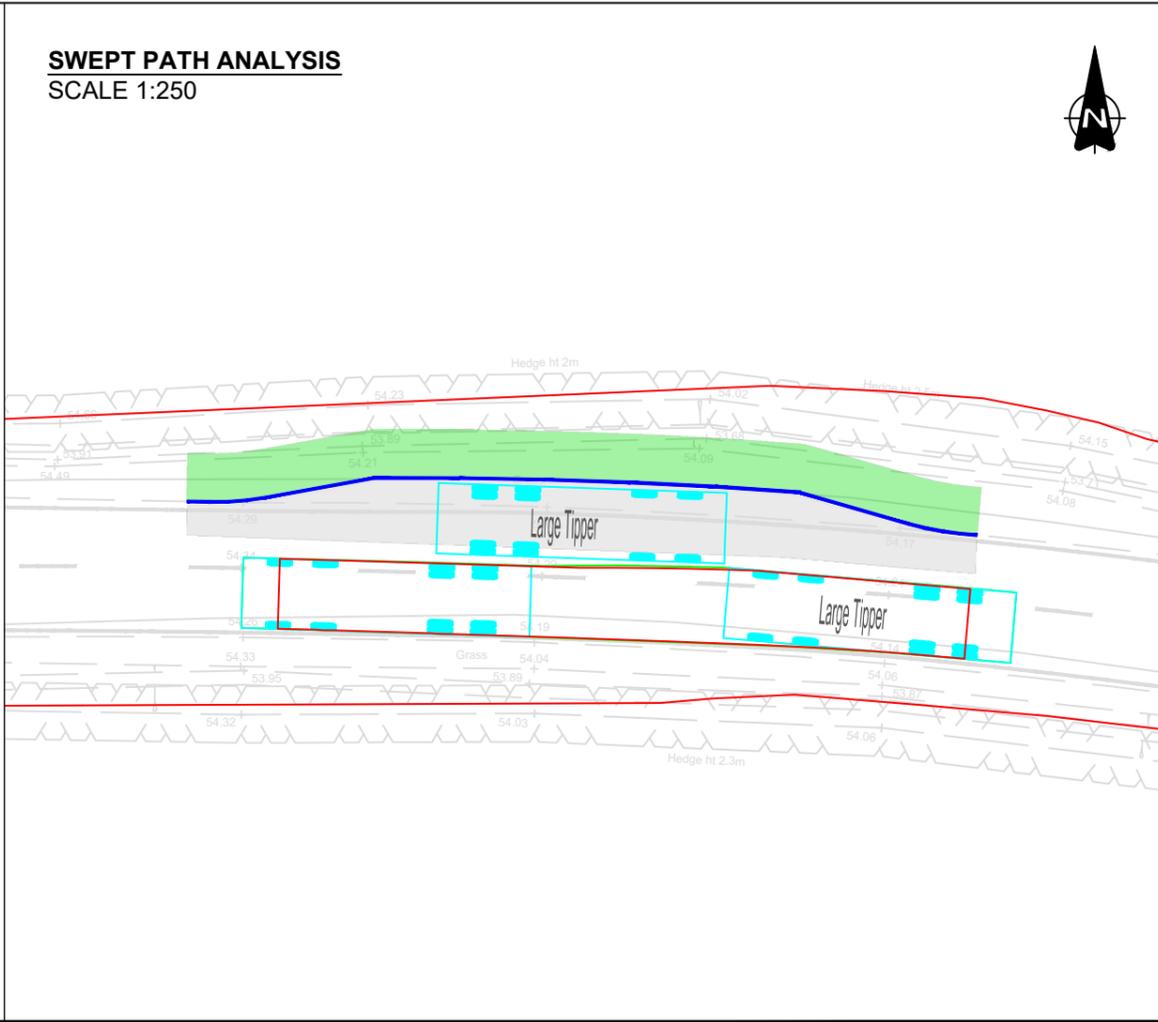
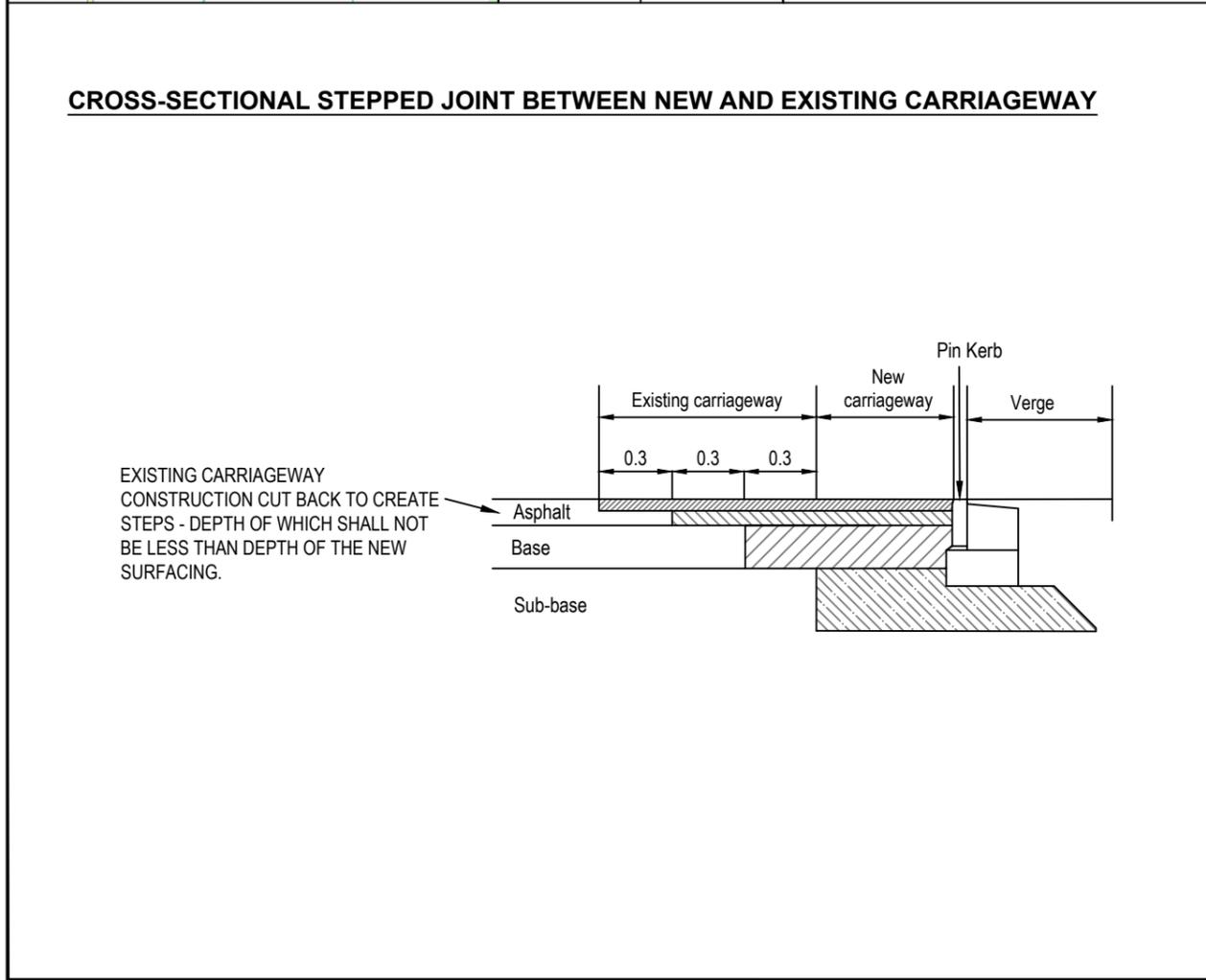
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

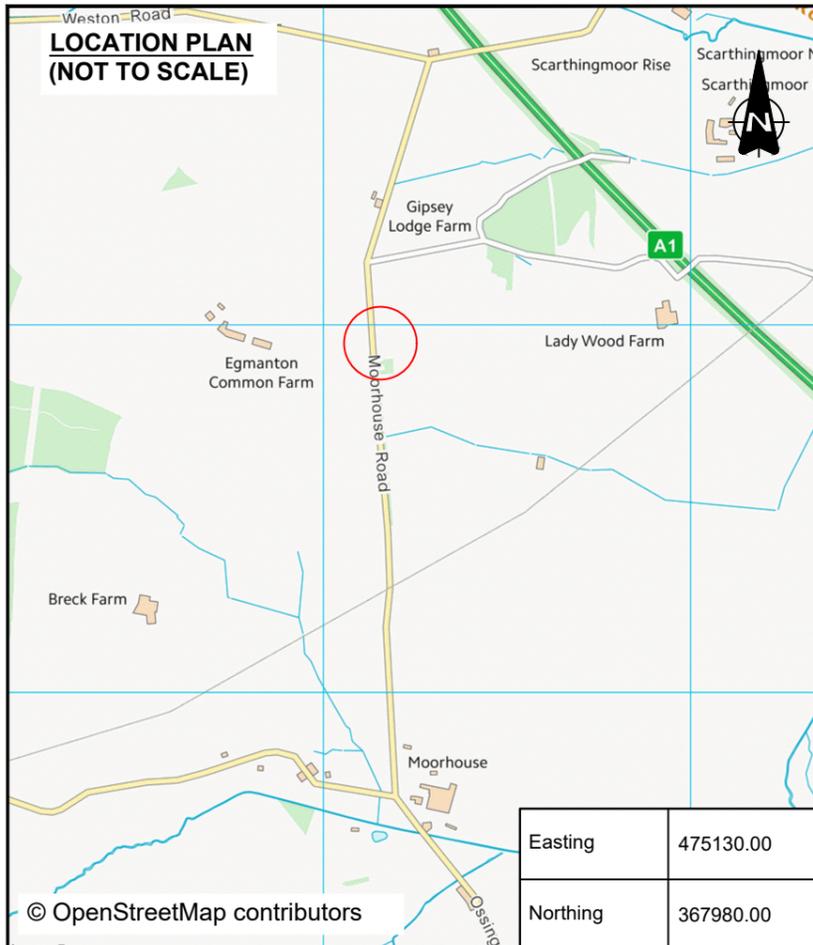
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

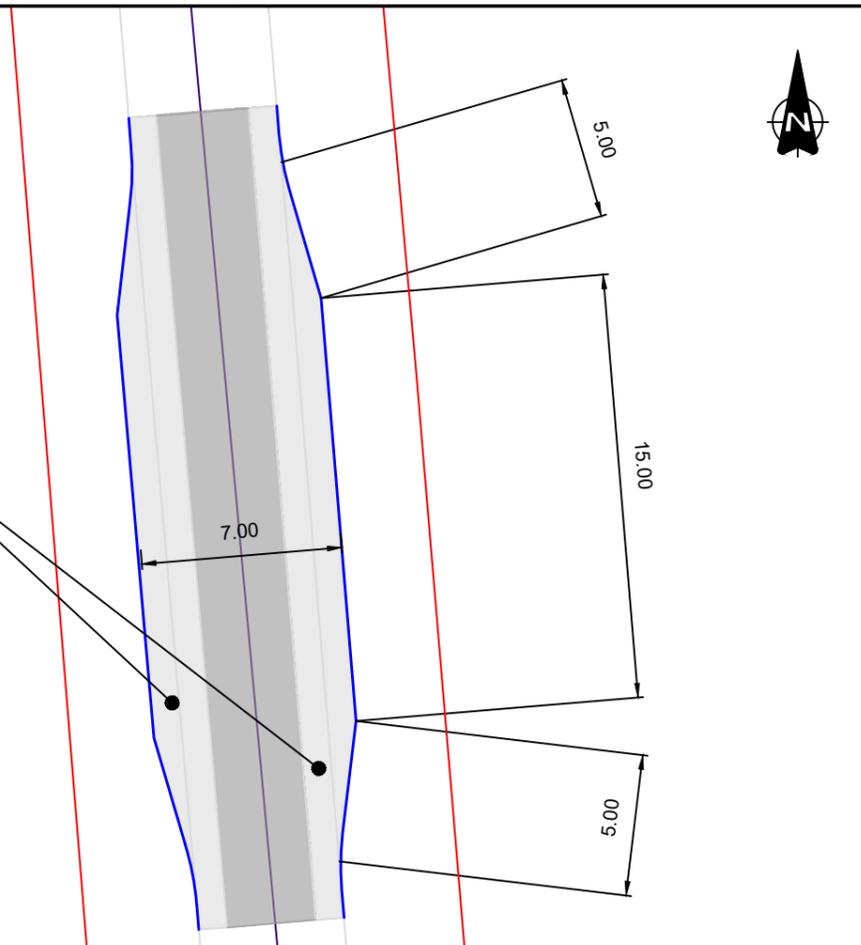
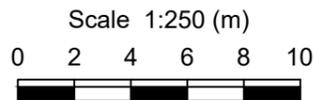


Rev	Date	Revision details	Drawn	Checked	Approved
© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.					
Milburn House, Dean Street, Newcastle upon Tyne, NE1 1LE T 0191 249 3816 E uk_newcastle@systra.com					
ELEMENTS GREEN TRENT LTD.					
Project GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK					
Title PROPOSED PASSING PLACE LOCATION 16					
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK216	Rev.



### GENERAL ARRANGEMENT SCALE 1:250

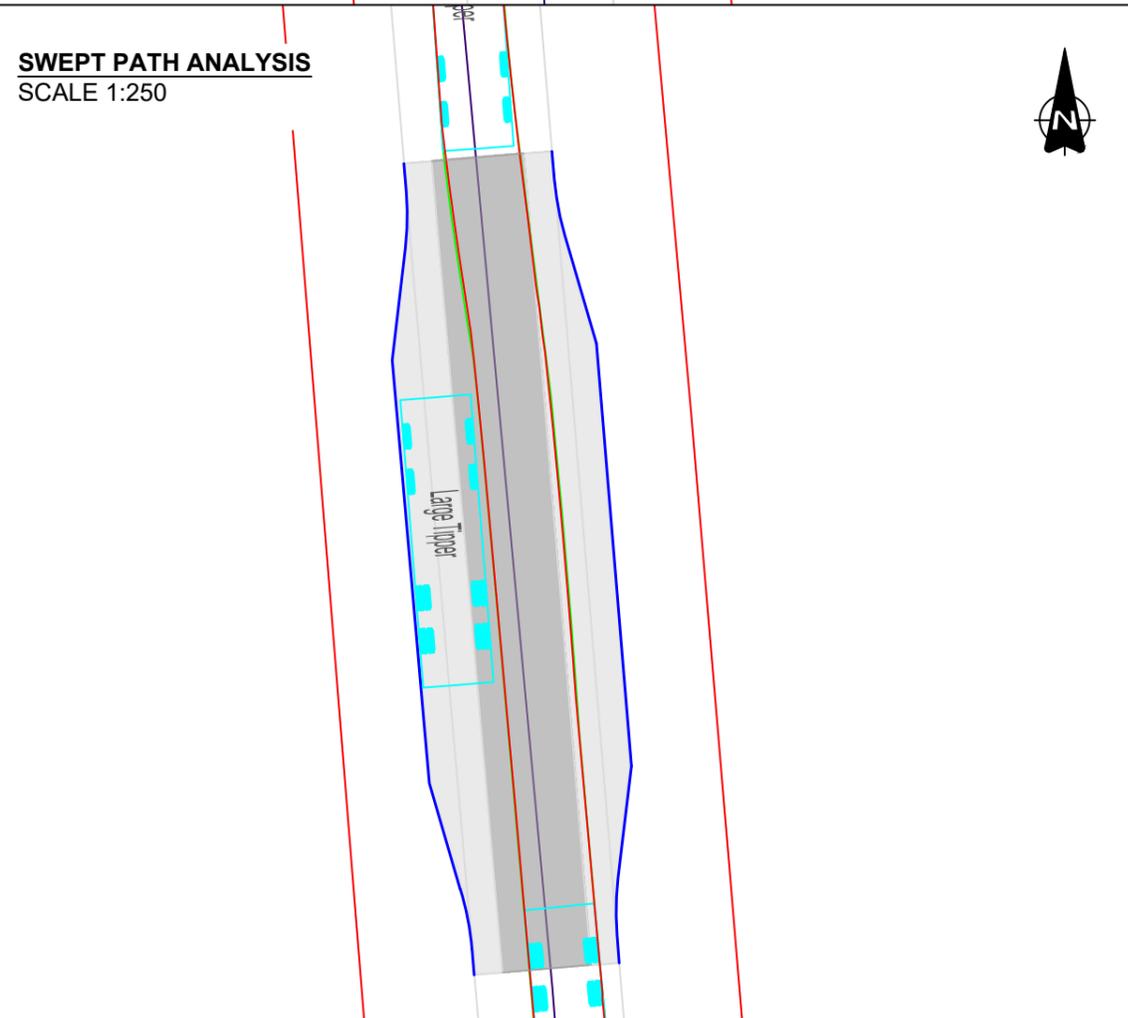
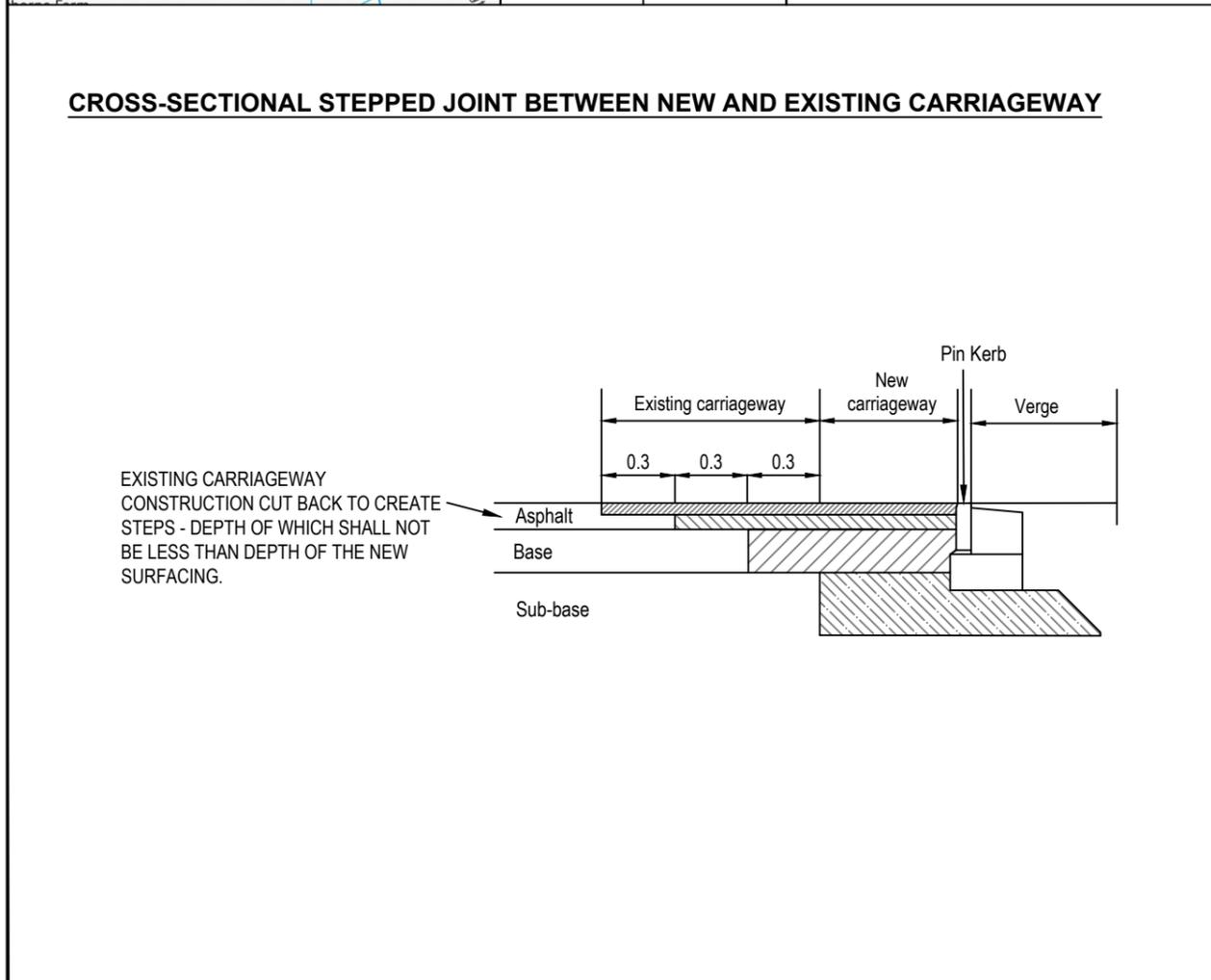
AREA OF WIDENING AND TIE-IN TO PROVIDE PASSING PLACE



- ### NOTES
- Do not scale from this drawing.
  - All dimensions are in metres unless otherwise stated.
  - This drawing is for planning purposes only.

- ### KEY
- Proposed Kerblines
  - Proposed Carriageway Widening
  - Order limits
  - Proposed new surface course

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.



### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

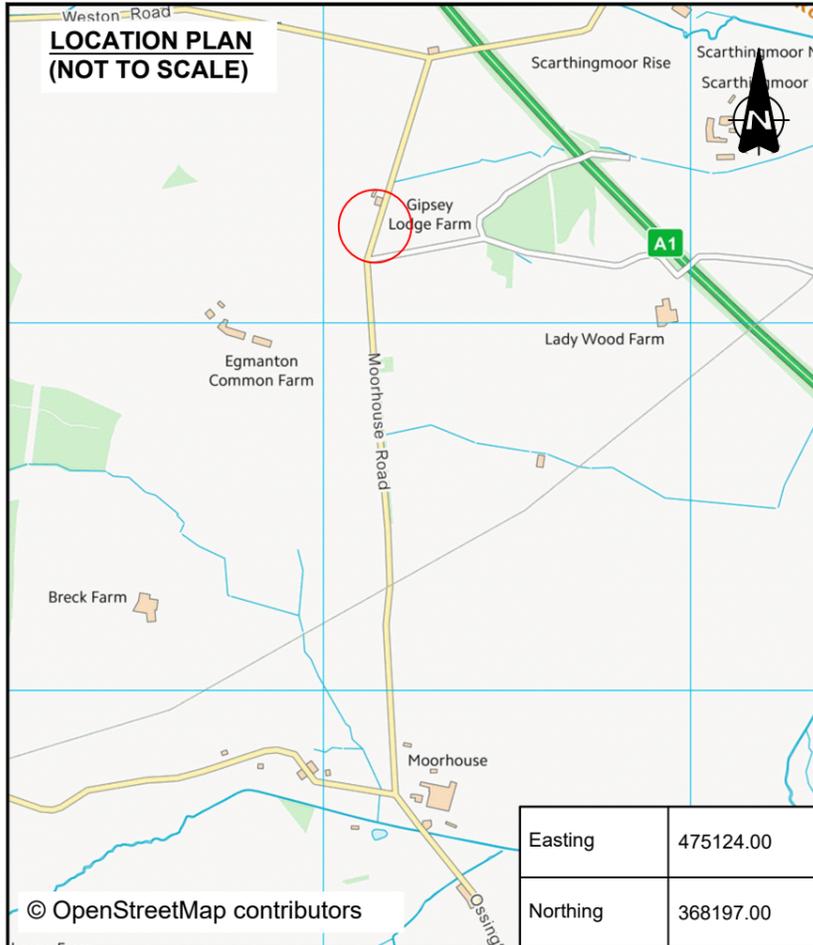
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

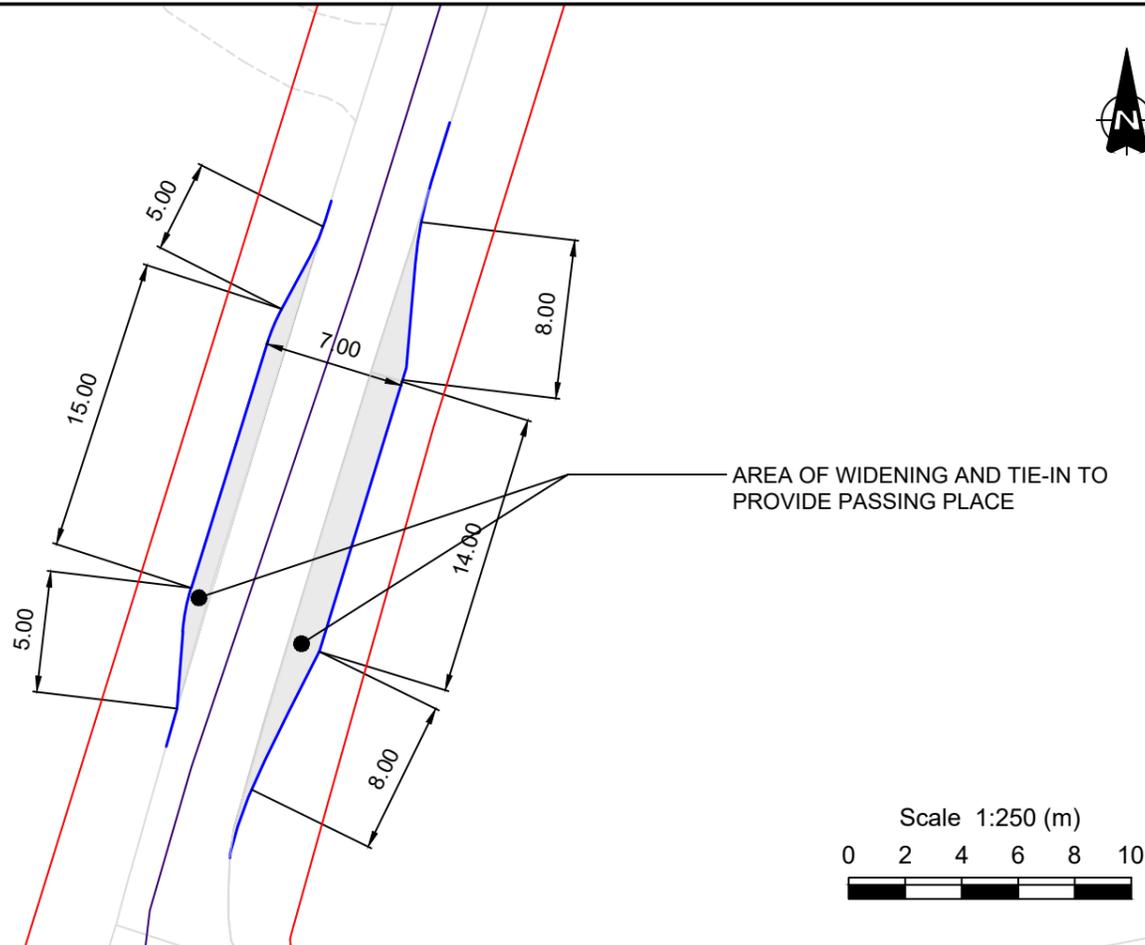
Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 17**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK217	Rev.



### GENERAL ARRANGEMENT SCALE 1:250



### NOTES

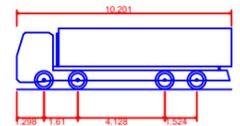
- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits

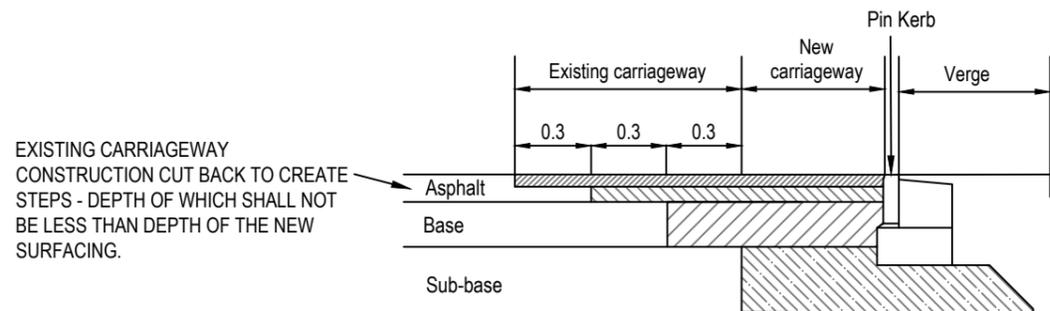
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

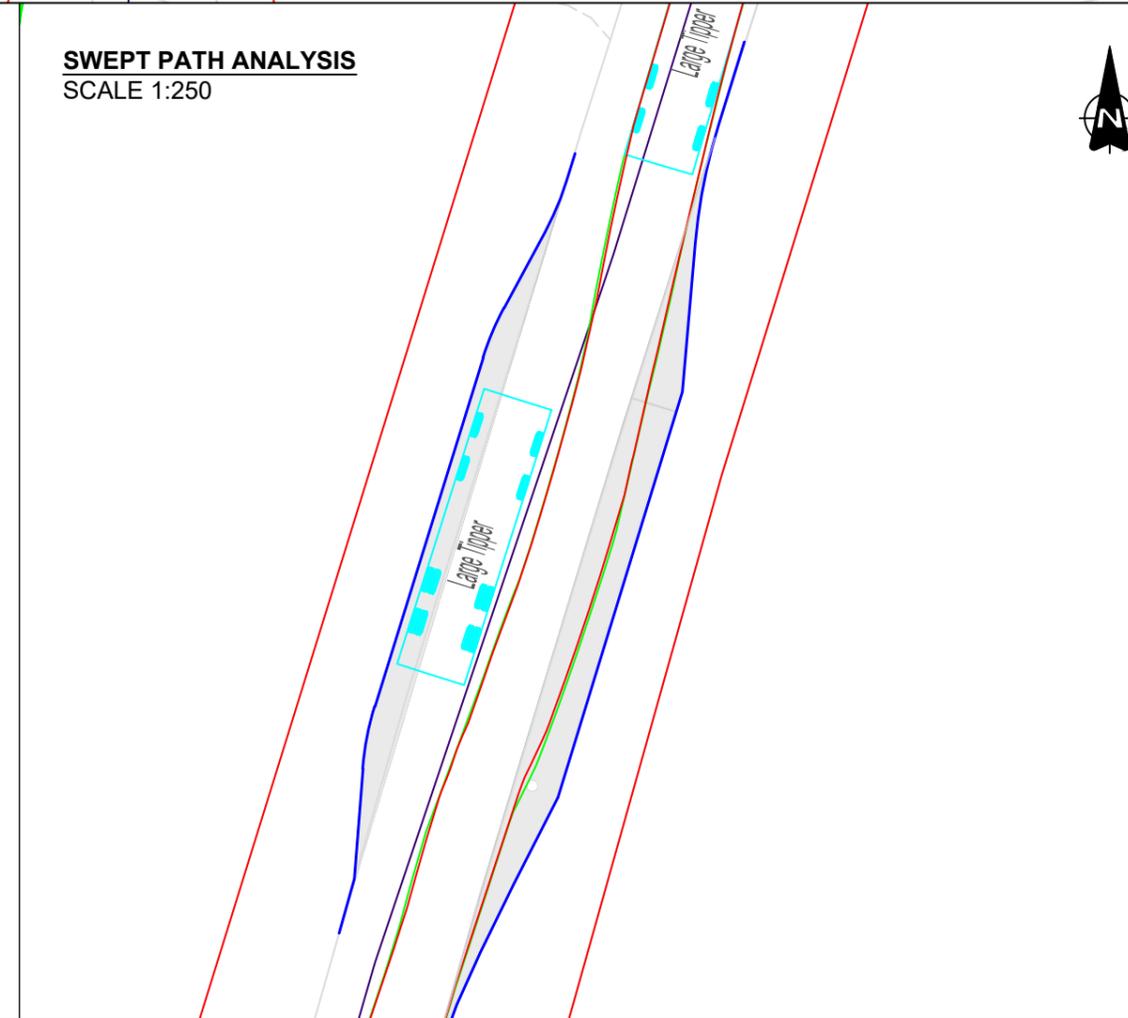


Large Tipper  
 Overall Length 10.201m  
 Overall Width 2.495m  
 Overall Body Height 2.890m  
 Min Body Ground Clearance 0.341m  
 Track Width 2.471m  
 Lock to lock time 6.00s  
 Kerb to Kerb Turning Radius 11.550m

### CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY



### SWEPT PATH ANALYSIS SCALE 1:250



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



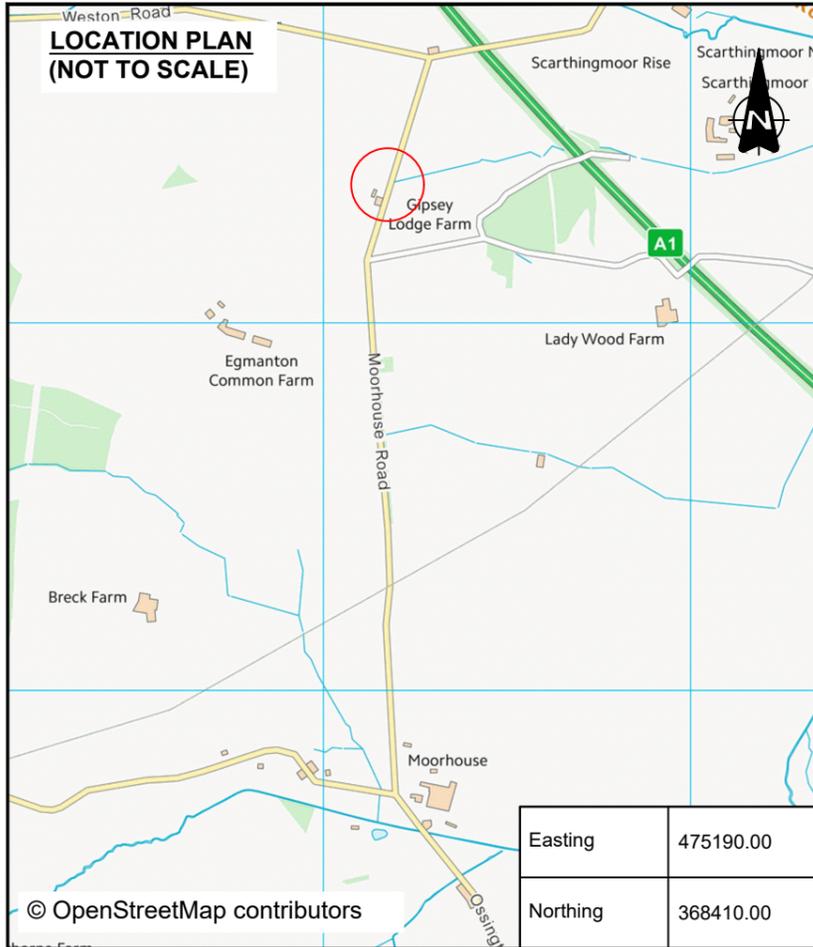
Milburn House,  
 Dean Street,  
 Newcastle upon Tyne,  
 NE1 1LE  
 T 0191 249 3816  
 E uk\_newcastle@systra.com

Client  
 ELEMENTS GREEN TRENT LTD.

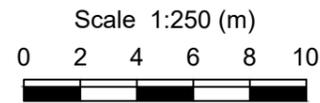
Project  
 GREAT NORTH ROAD SOLAR FARM  
 AND BIODIVERSITY PARK

Title  
 PROPOSED PASSING PLACE  
 LOCATION 18

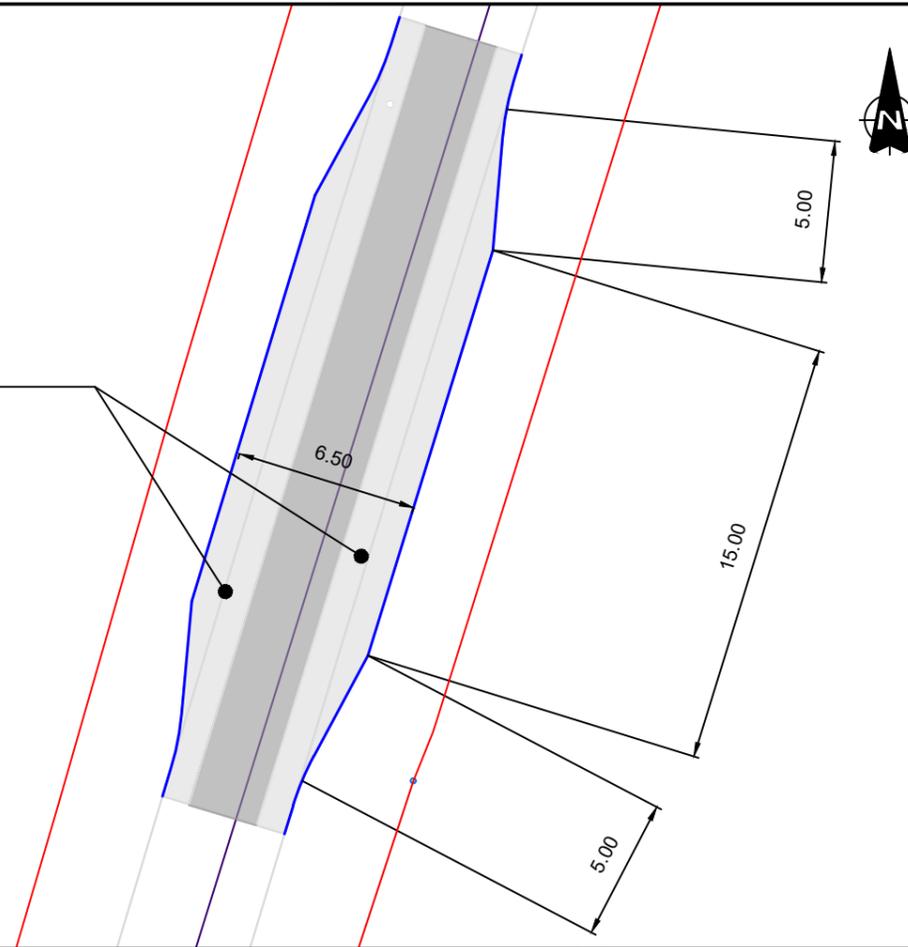
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK218	Rev.



### GENERAL ARRANGEMENT SCALE 1:250



AREA OF WIDENING AND TIE-IN TO PROVIDE PASSING PLACE



### NOTES

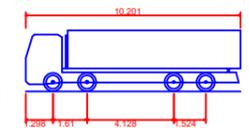
- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

### KEY

- Proposed Kerbline
- Proposed Carriageway Widening
- Order limits
- Proposed new surface course

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH



Large Tipper  
 Overall Length 10.201m  
 Overall Width 2.495m  
 Overall Body Height 2.890m  
 Min Body Ground Clearance 0.341m  
 Track Width 2.471m  
 Lock to lock time 6.00s  
 Kerb to Kerb Turning Radius 11.550m

Rev.	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



Milburn House,  
 Dean Street,  
 Newcastle upon Tyne,  
 NE1 1LE  
 T 0191 249 3816  
 E uk\_newcastle@systra.com

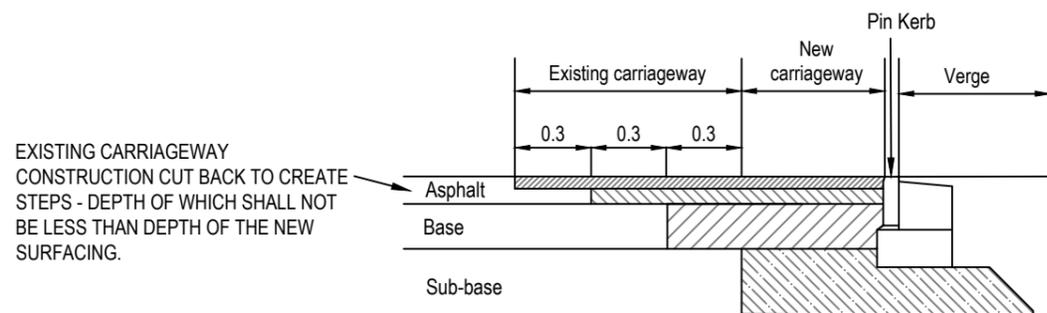
Client  
 ELEMENTS GREEN TRENT LTD.

Project  
 GREAT NORTH ROAD SOLAR FARM  
 AND BIODIVERSITY PARK

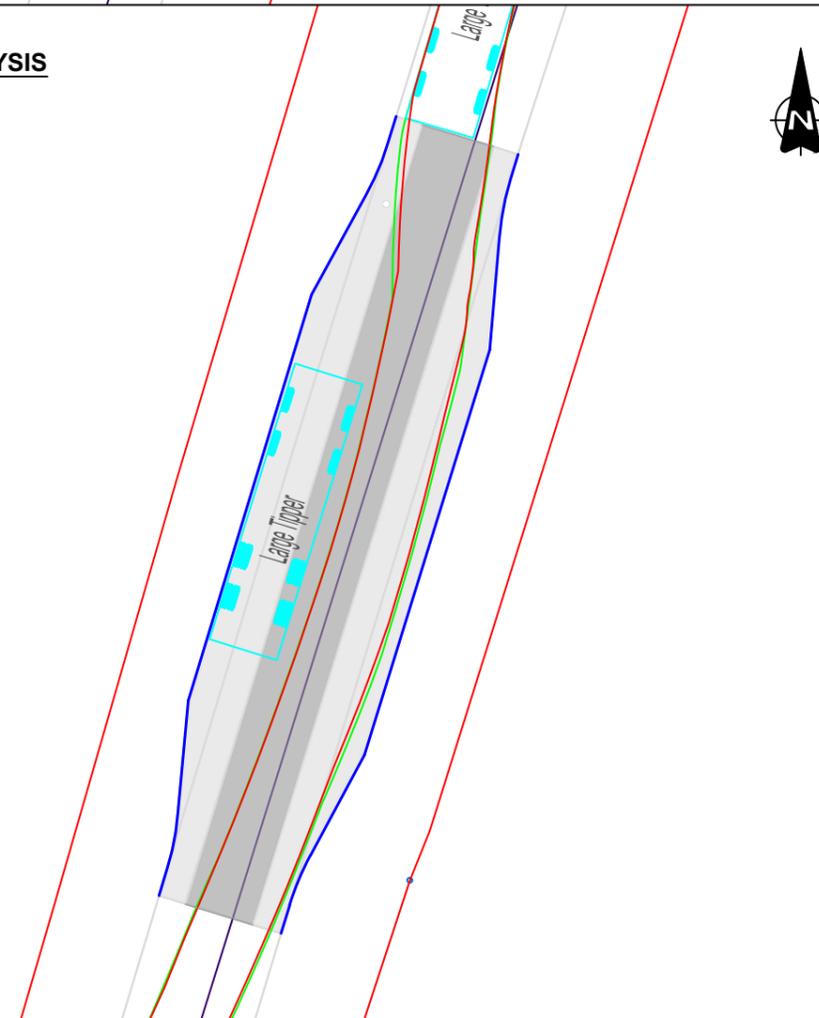
Title  
 PROPOSED PASSING PLACE  
 LOCATION 19

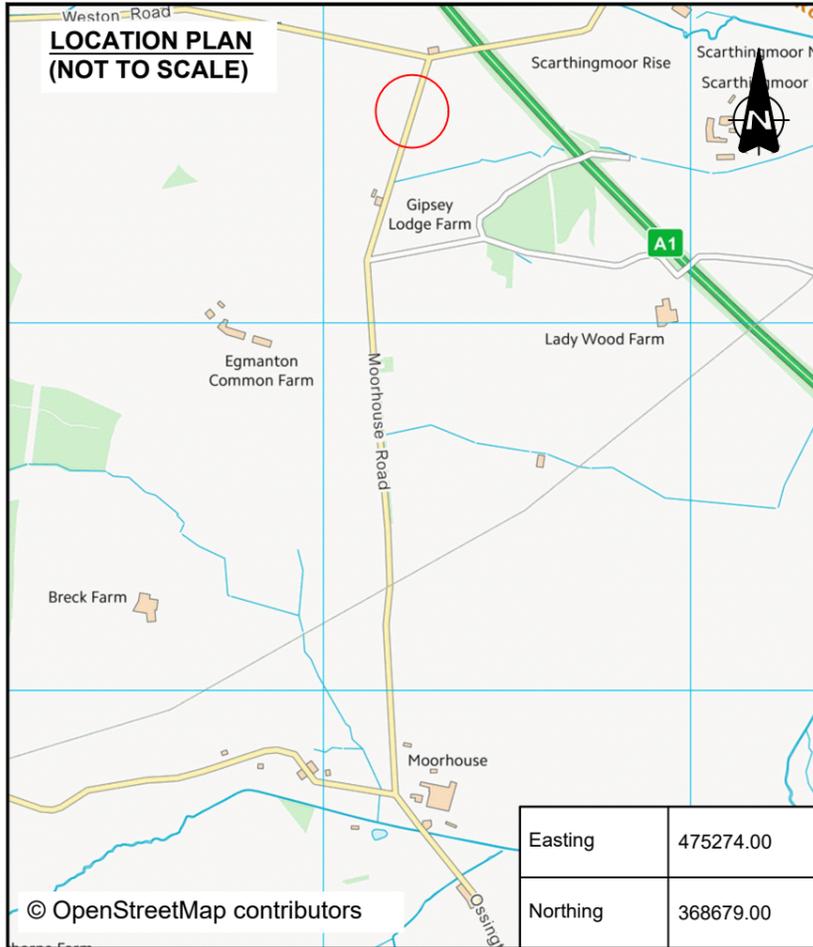
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION	Drawing Number	23D07-SK219	Rev.	

### CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY



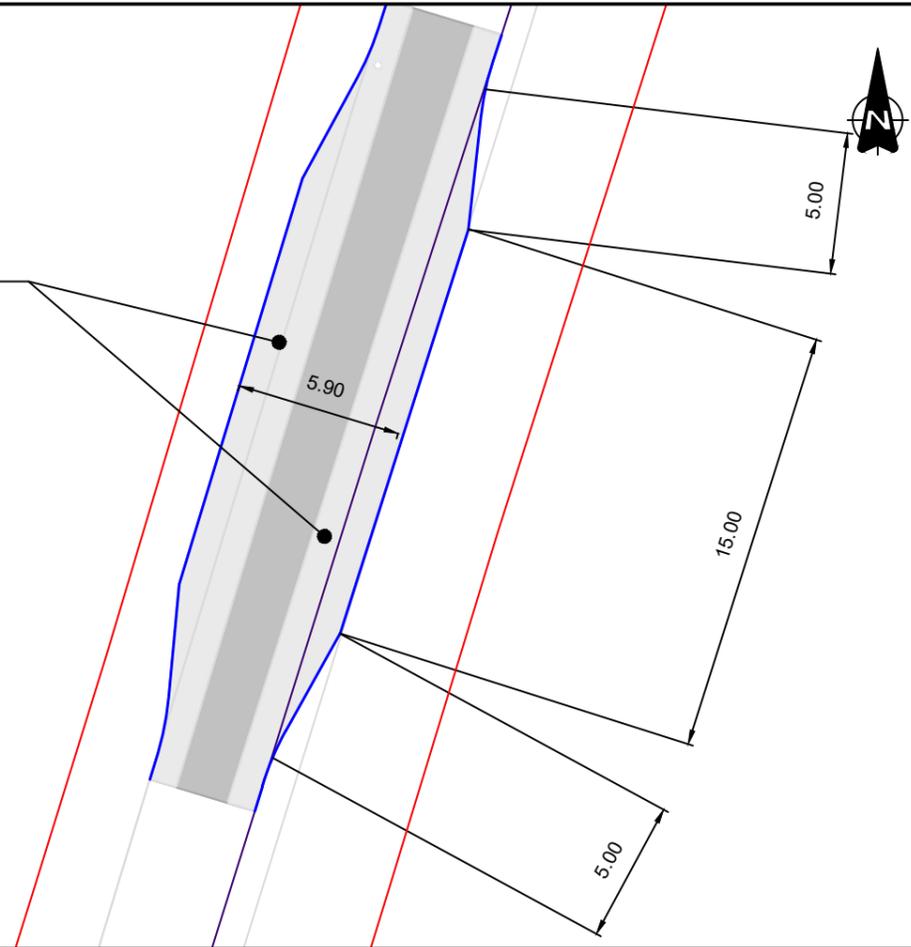
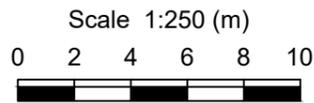
### SWEEP PATH ANALYSIS SCALE 1:250





### GENERAL ARRANGEMENT SCALE 1:250

AREA OF WIDENING AND TIE-IN TO PROVIDE PASSING PLACE



### NOTES

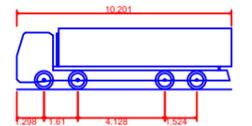
- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

### KEY

- Proposed Kerfline
- Proposed Carriageway Widening
- Order limits
- Proposed new surface course

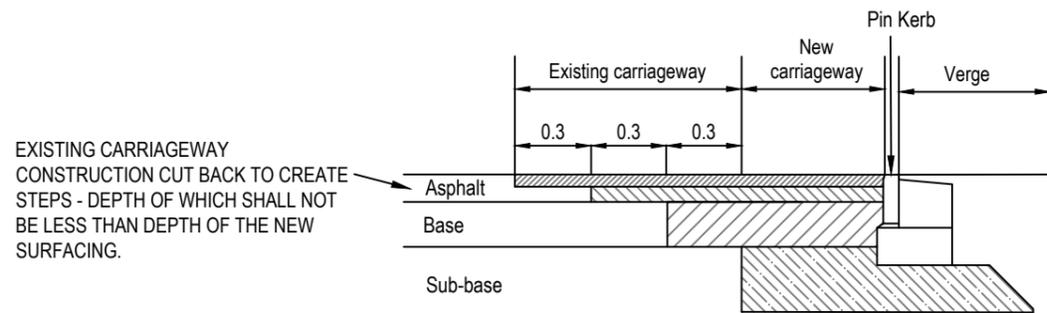
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

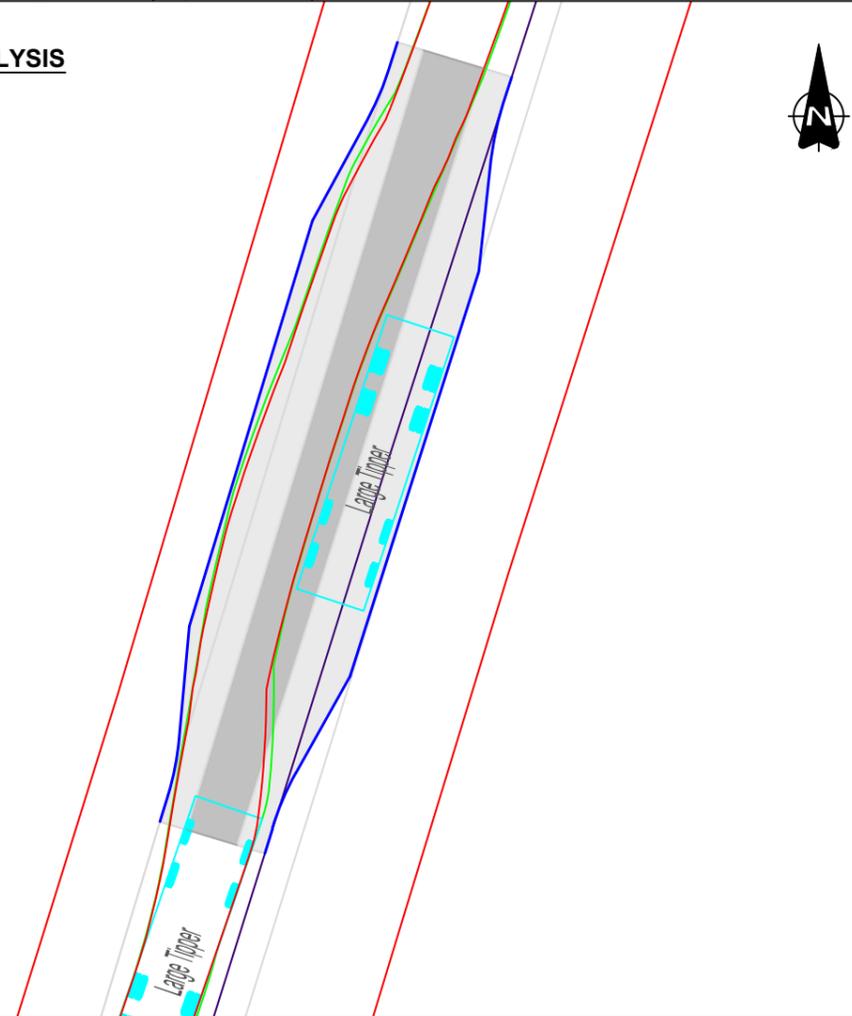


Large Tipper  
 Overall Length 10.201m  
 Overall Width 2.495m  
 Overall Body Height 2.890m  
 Min Body Ground Clearance 0.341m  
 Track Width 2.471m  
 Lock to lock time 6.00s  
 Kerb to Kerb Turning Radius 11.550m

### CROSS-SECTIONAL STEPPED JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY



### SWEPT PATH ANALYSIS SCALE 1:250



Rev.	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.



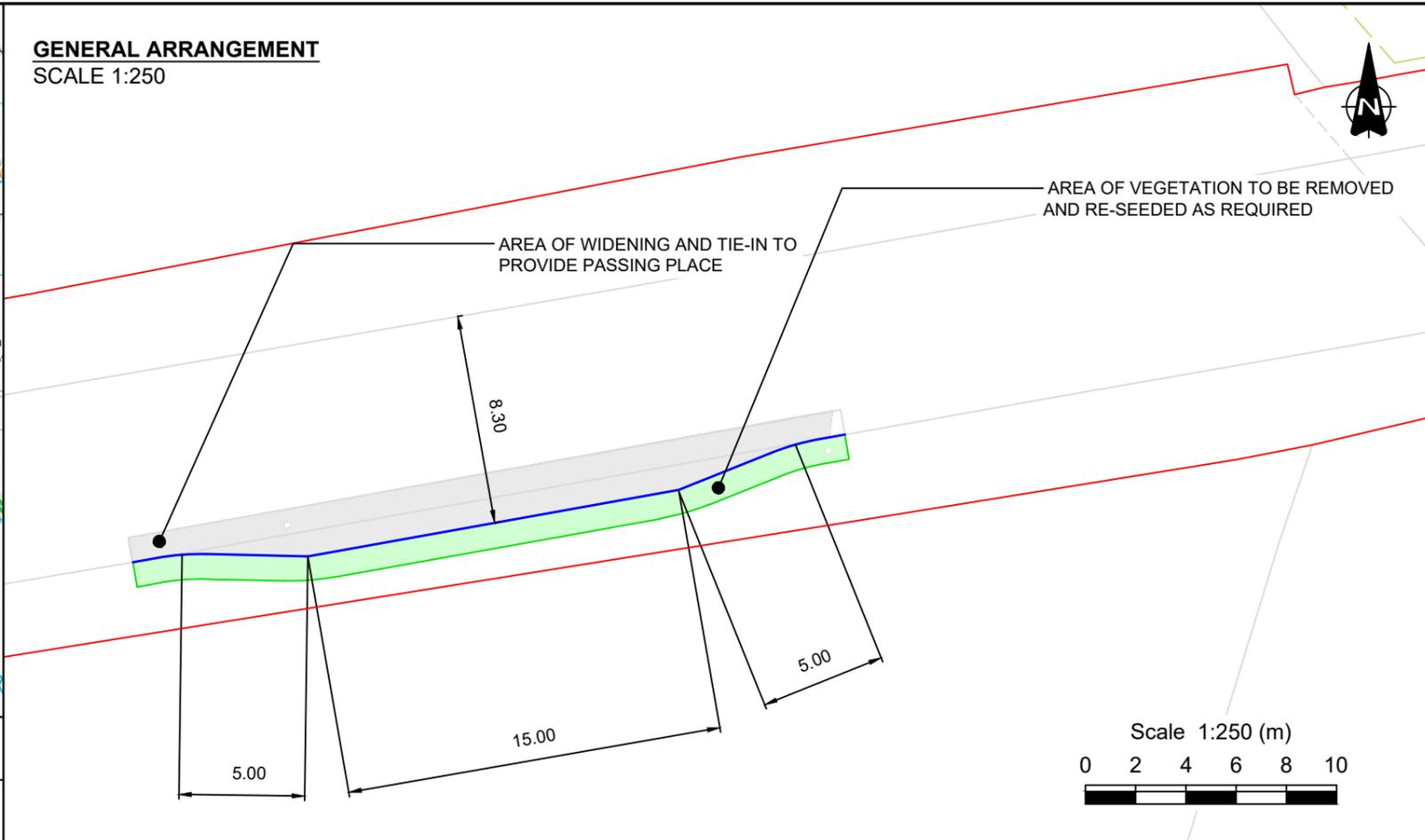
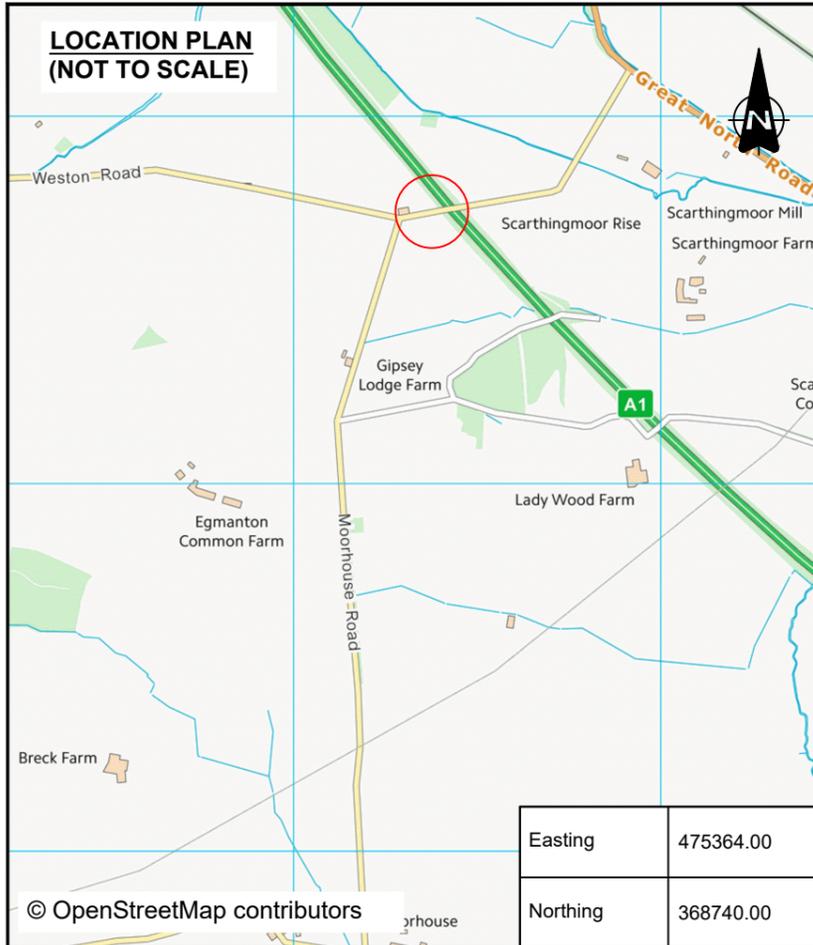
Milburn House,  
 Dean Street,  
 Newcastle upon Tyne,  
 NE1 1LE  
 T 0191 249 3816  
 E uk\_newcastle@systra.com

Client  
 ELEMENTS GREEN TRENT LTD.

Project  
 GREAT NORTH ROAD SOLAR FARM  
 AND BIODIVERSITY PARK

Title  
 PROPOSED PASSING PLACE  
 LOCATION 20

Drawn FW	Checked JH	Approved SE
Original dwg. size A3	Date 21.05.25	Scale AS SHOWN
Drawing Status INFORMATION		Drawing Number 23D07-SK220



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

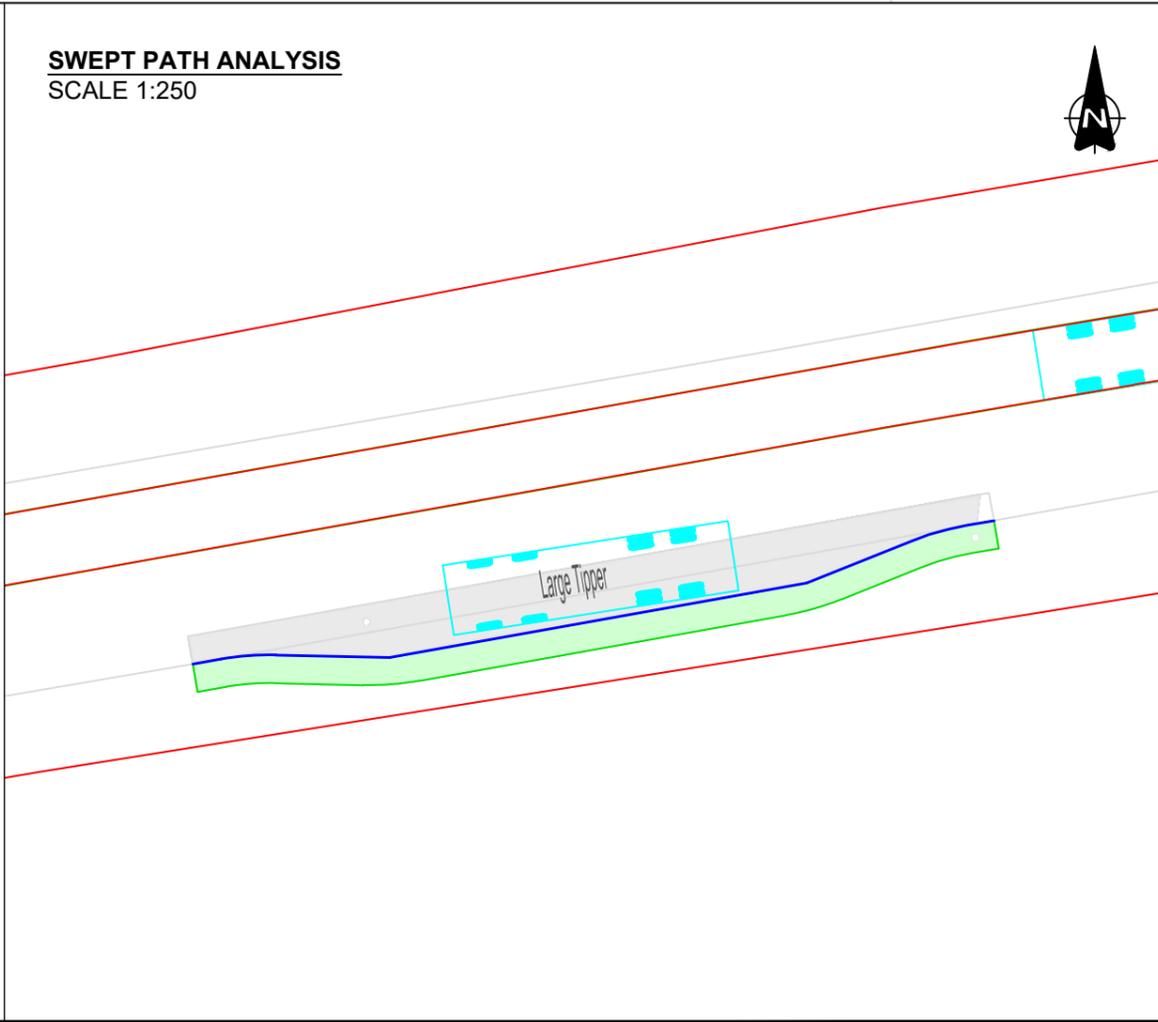
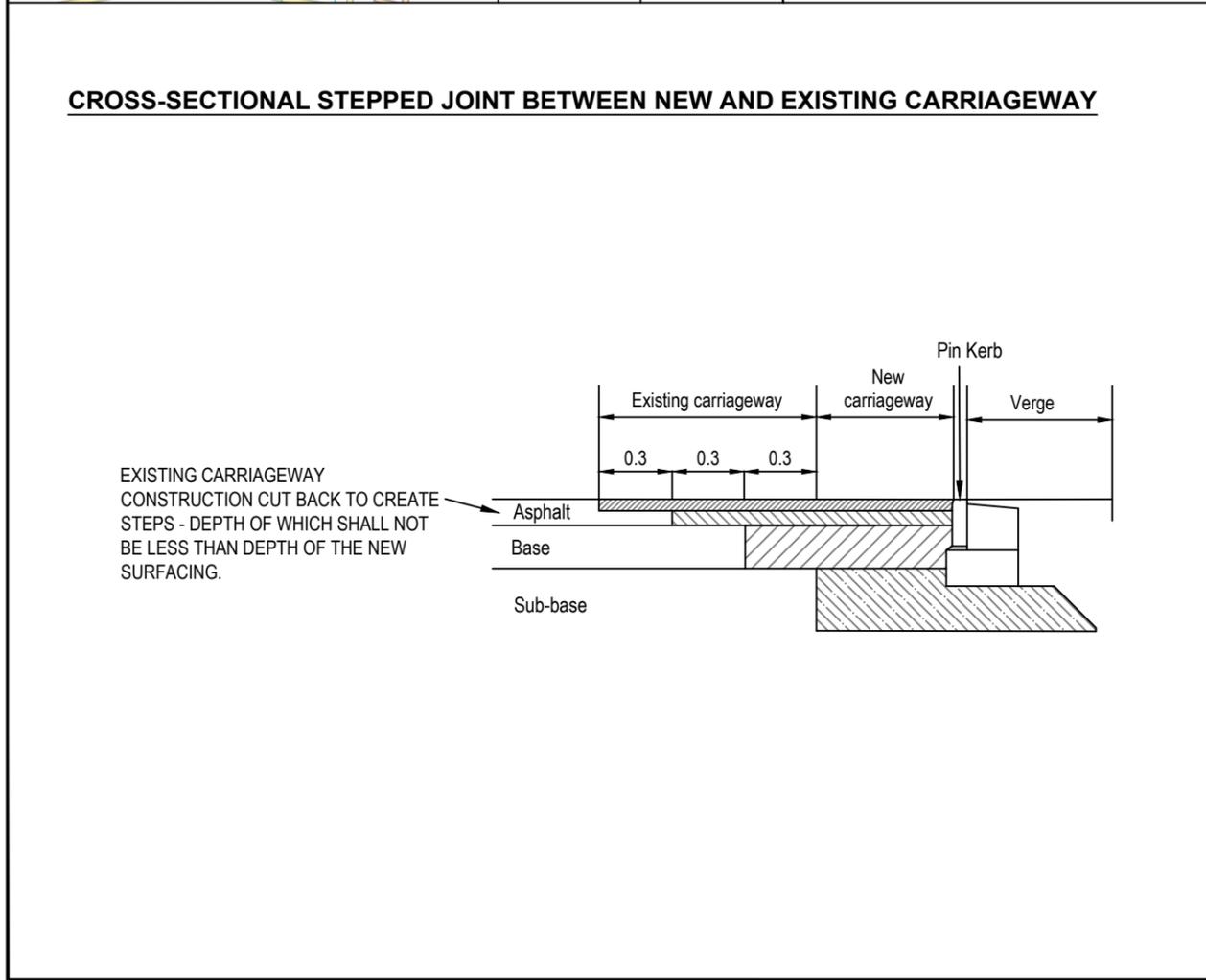
### KEY

- Proposed Kerbline
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

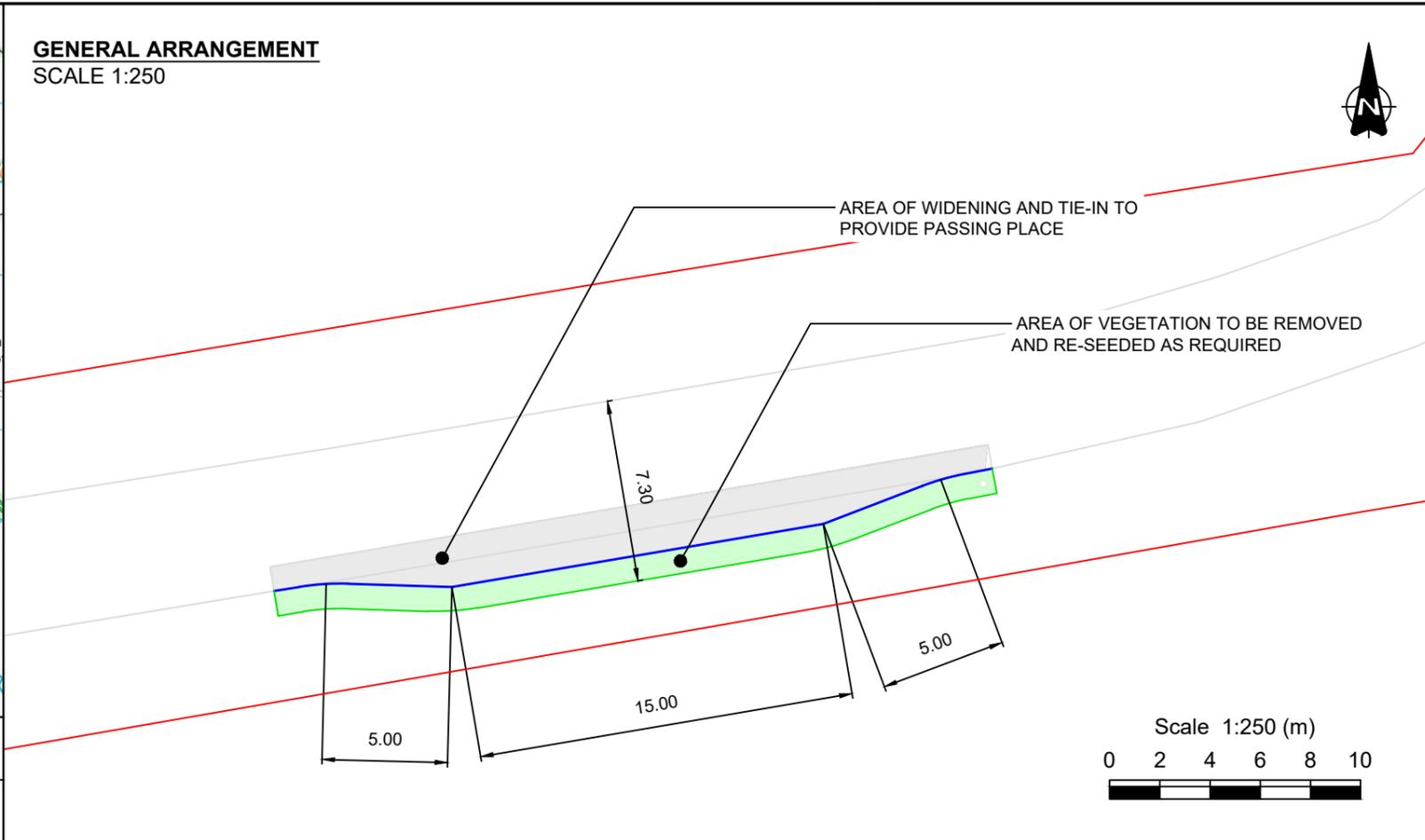
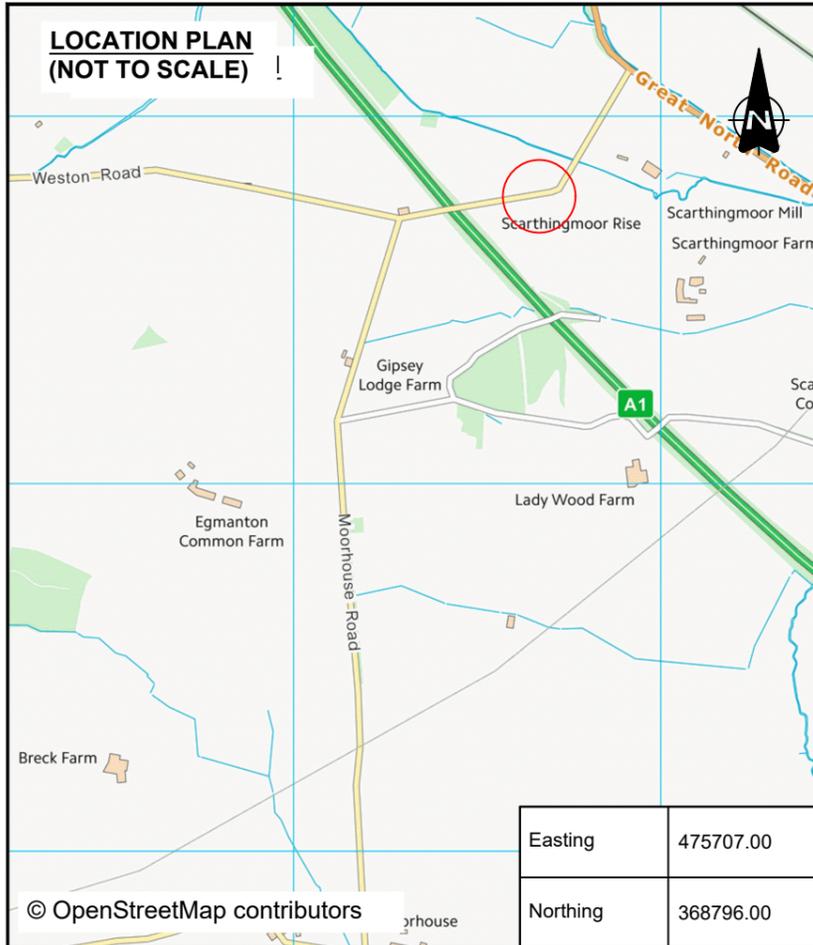
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Large Tipper	10.201m
Overall Length	2.495m
Overall Width	2.890m
Overall Body Height	0.341m
Min Body Ground Clearance	2.471m
Track Width	6.00s
Lock to lock time	11.550m
Kerb to Kerb Turning Radius	



Rev.	Date	Revision details	Drawn	Checked	Approved
© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.					
Milburn House, Dean Street, Newcastle upon Tyne, NE1 1LE T 0191 249 3816 E uk_newcastle@systra.com					
Client					
ELEMENTS GREEN TRENT LTD.					
Project					
GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK					
Title					
PROPOSED PASSING PLACE LOCATION 21					
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK221	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

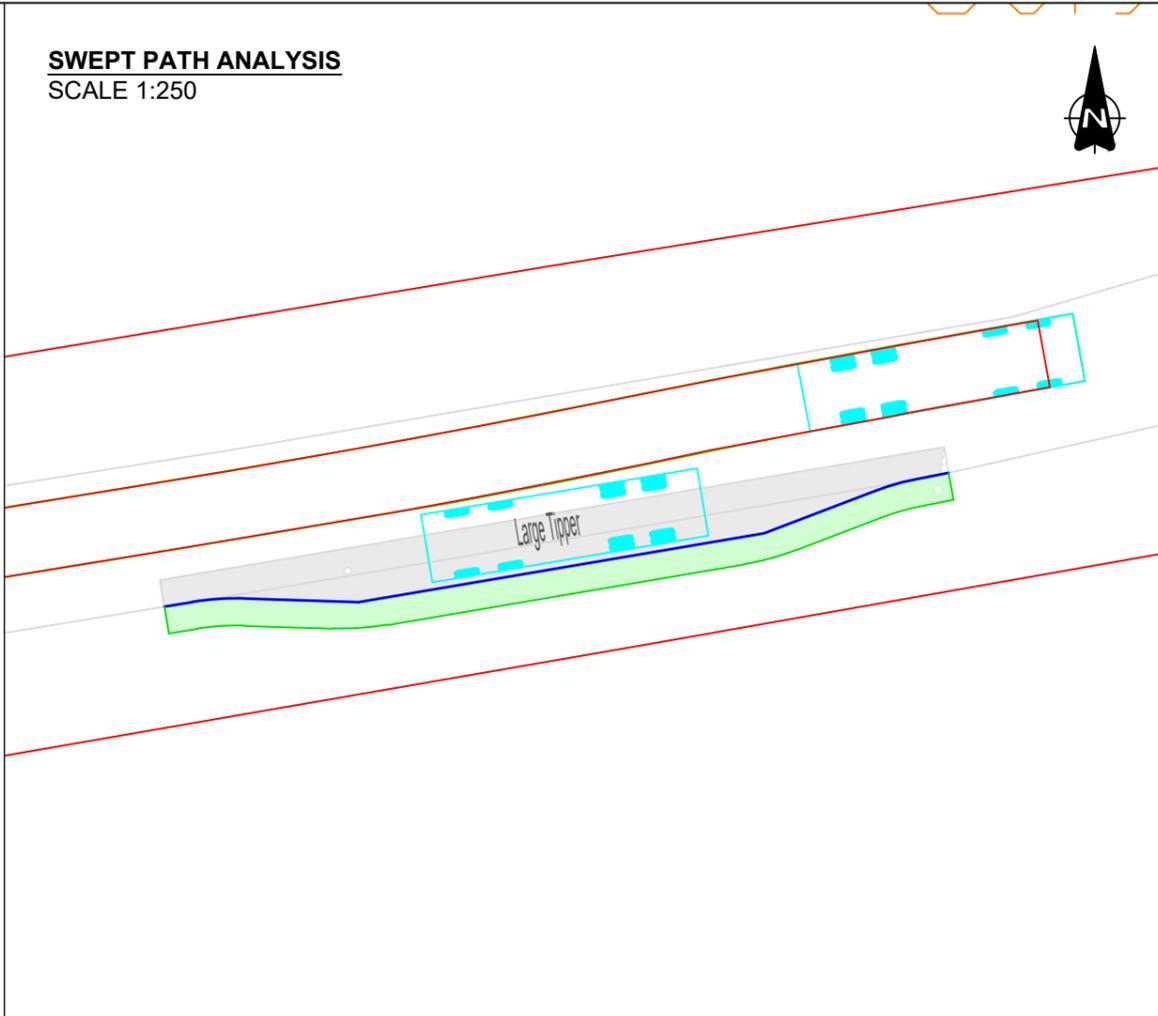
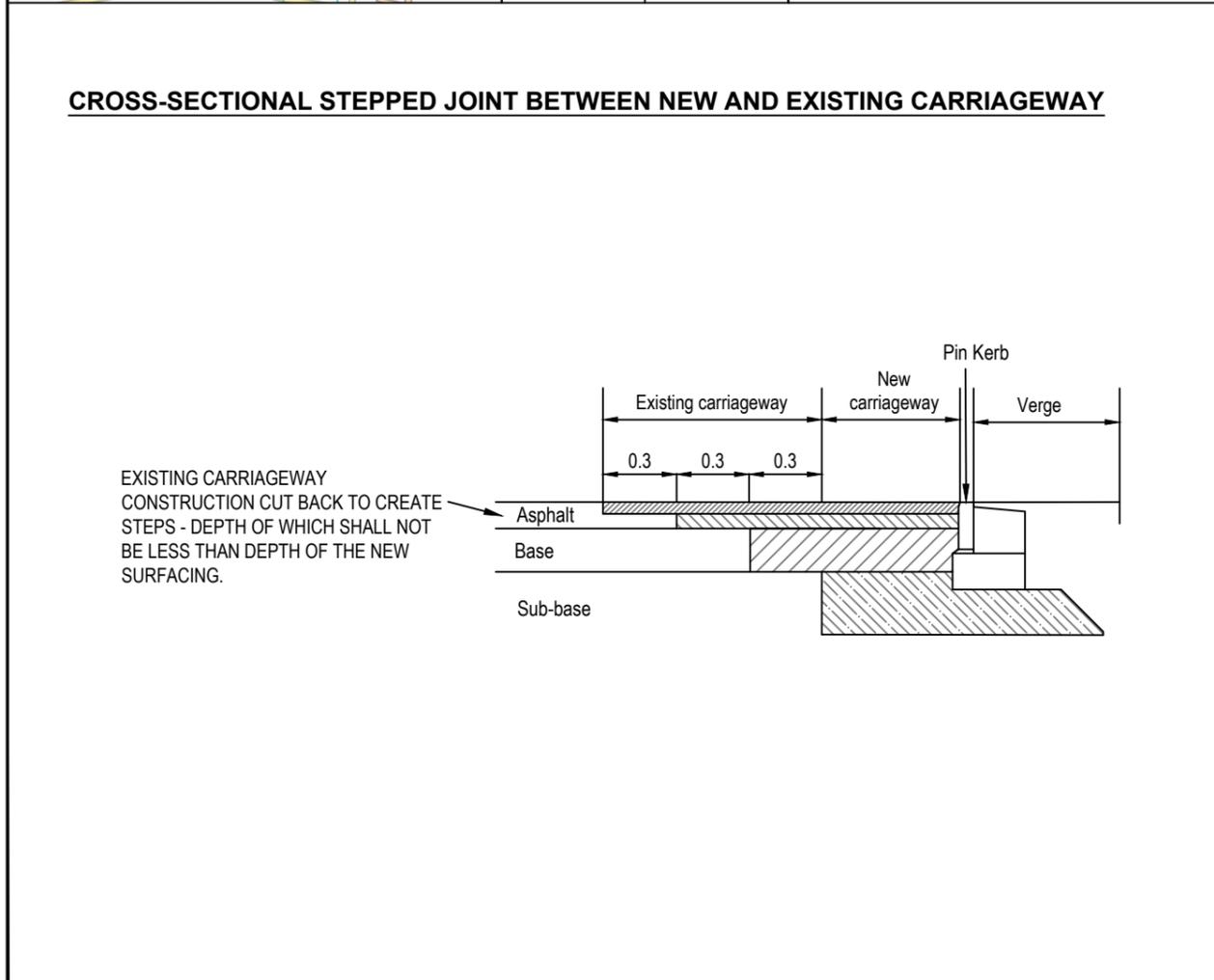
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as required

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev.	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

**SYSTRA**  
www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

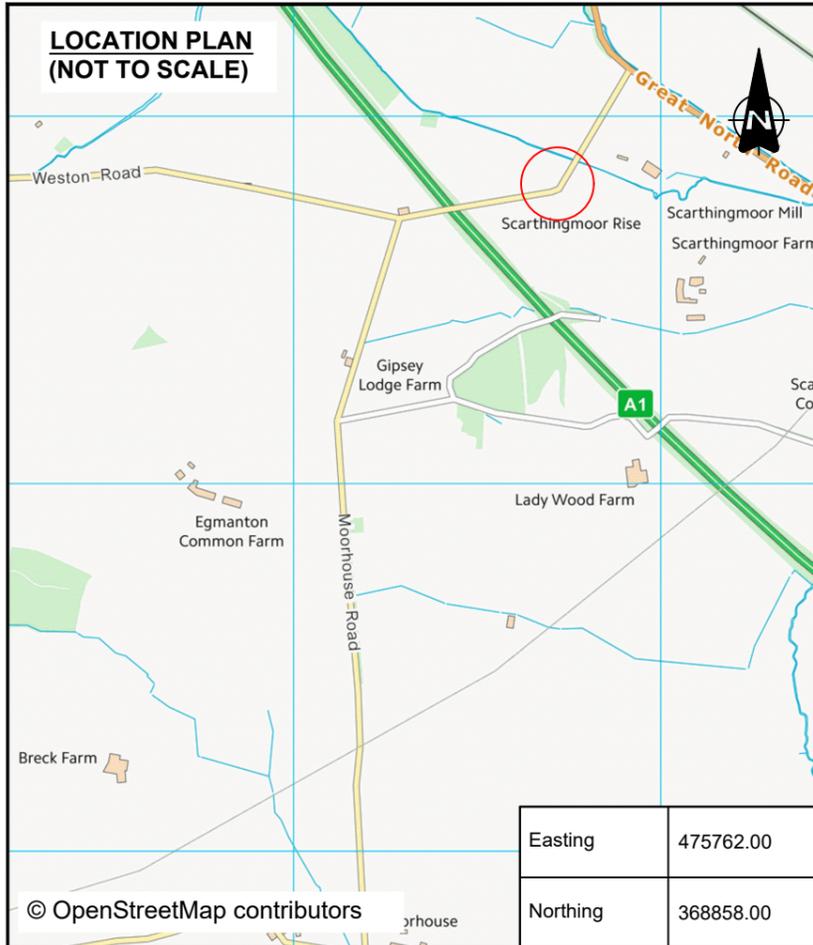
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
ELEMENTS GREEN TRENT LTD.

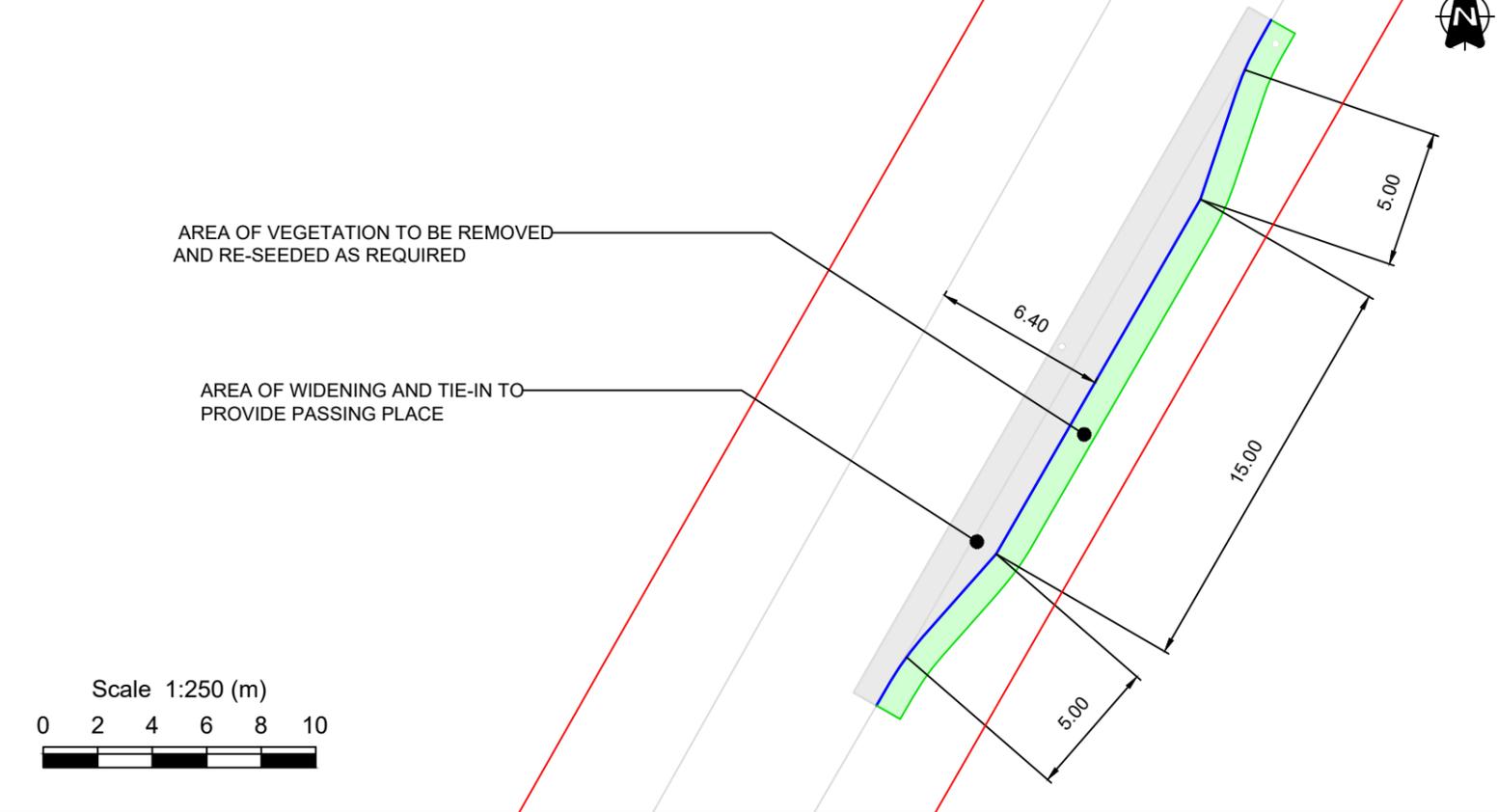
Project  
GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title  
PROPOSED PASSING PLACE LOCATION 22

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK222	Rev.



### GENERAL ARRANGEMENT SCALE 1:250



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

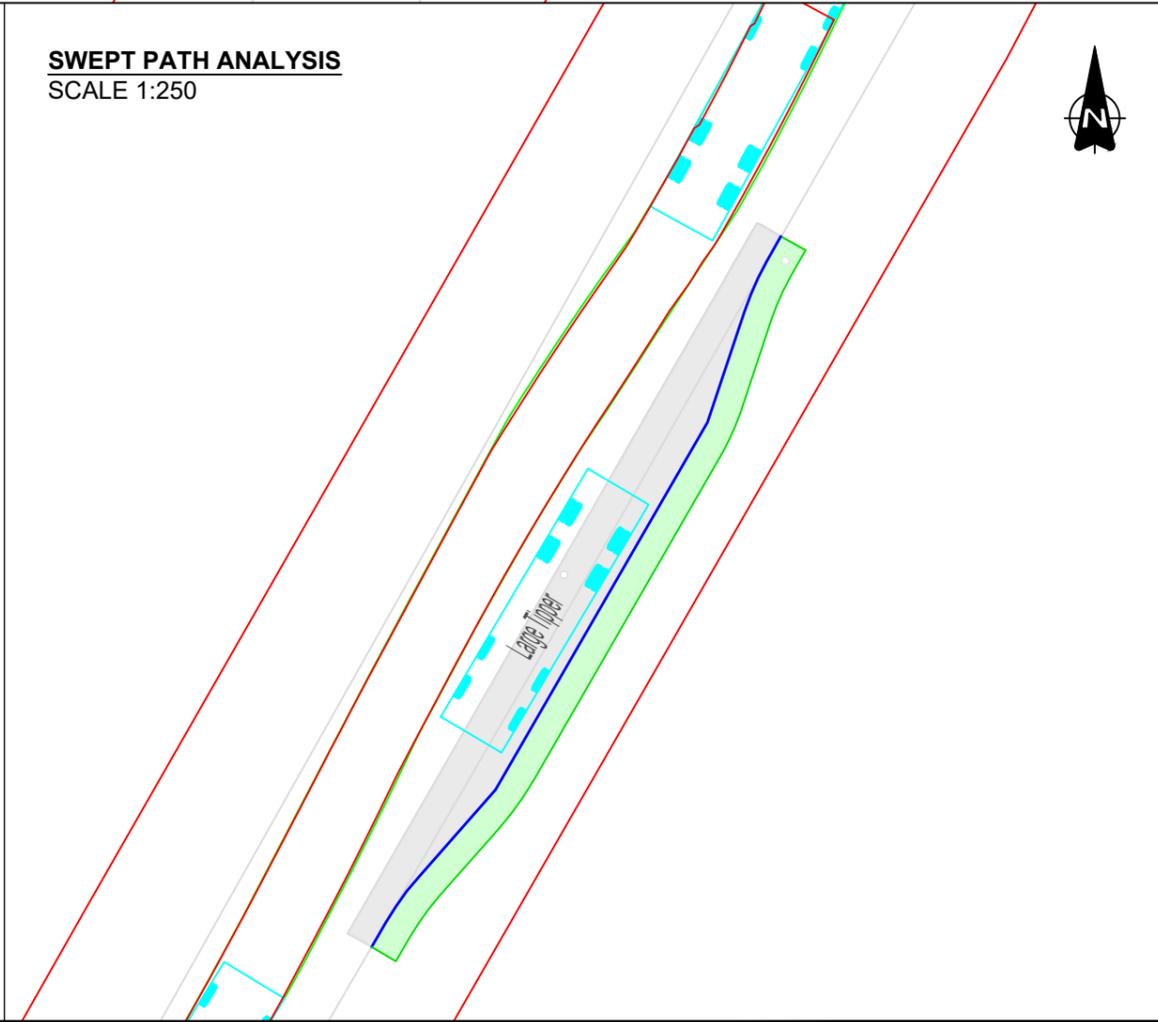
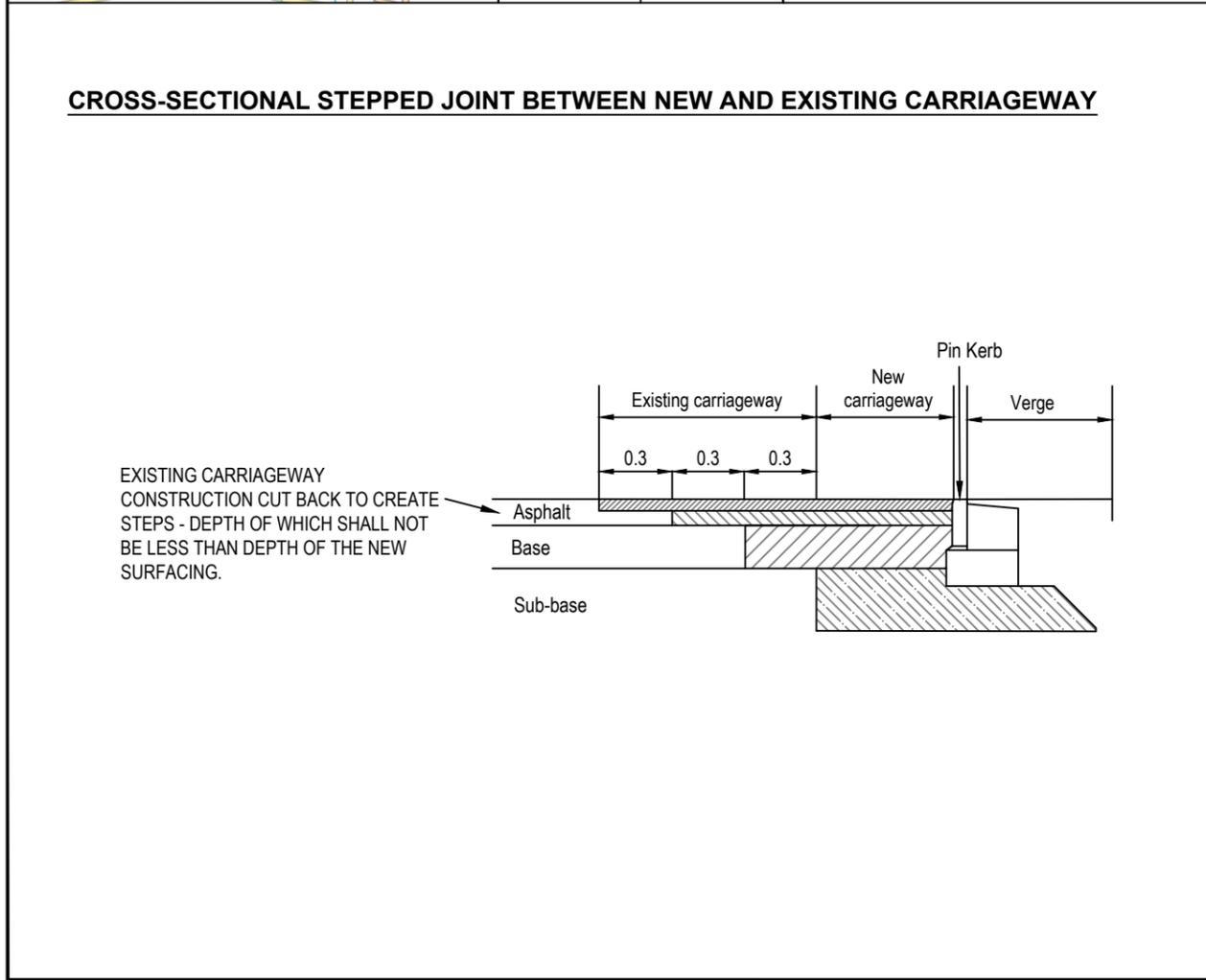
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev.	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

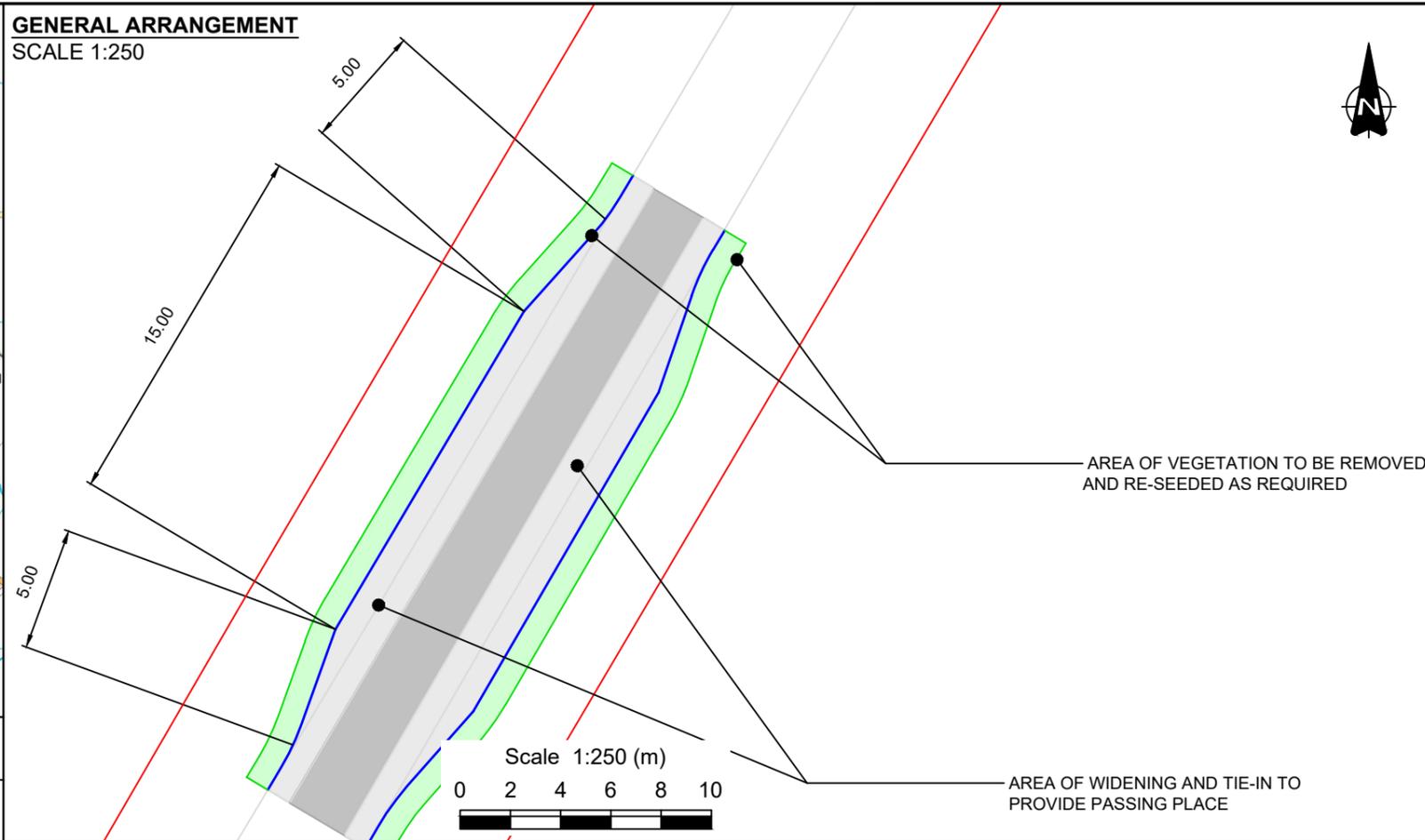
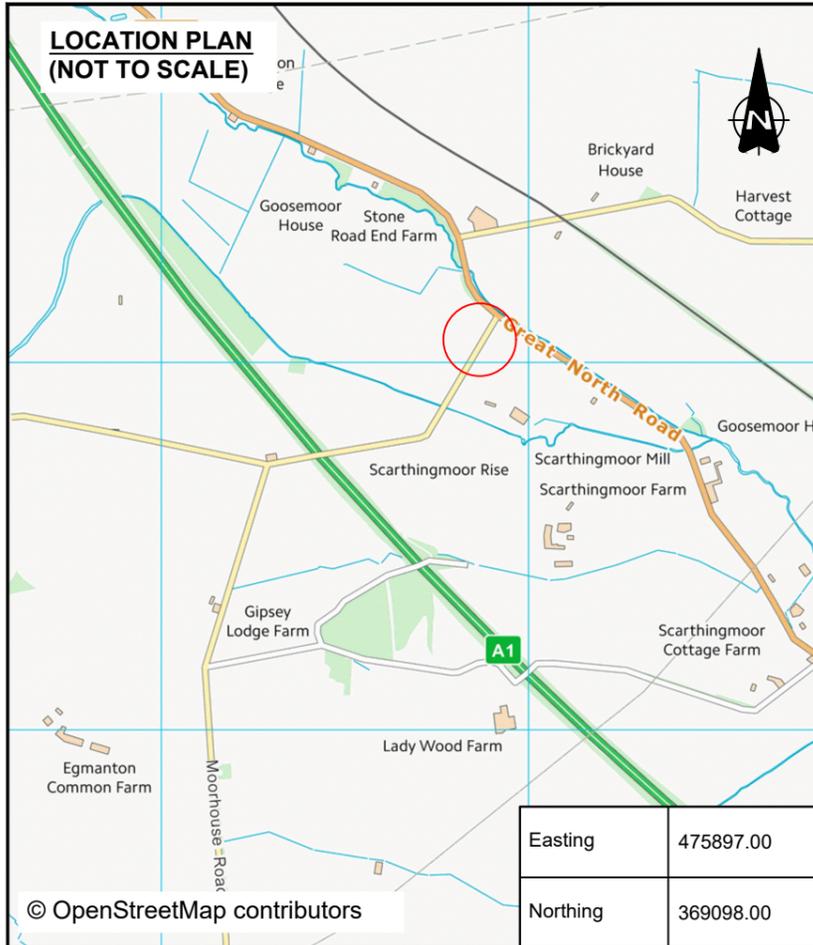
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
ELEMENTS GREEN TRENT LTD.

Project  
GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title  
PROPOSED PASSING PLACE LOCATION 23

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK223	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

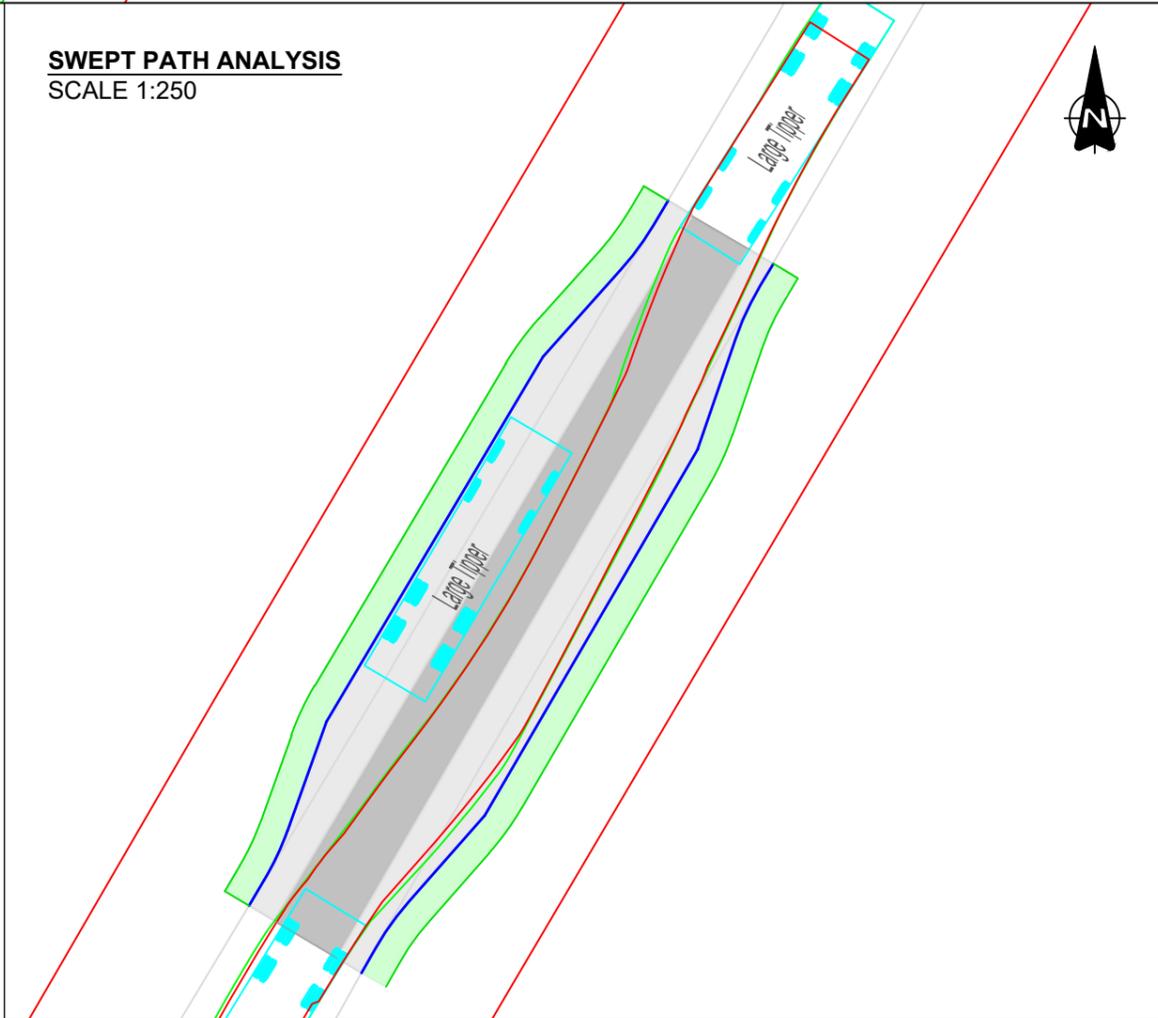
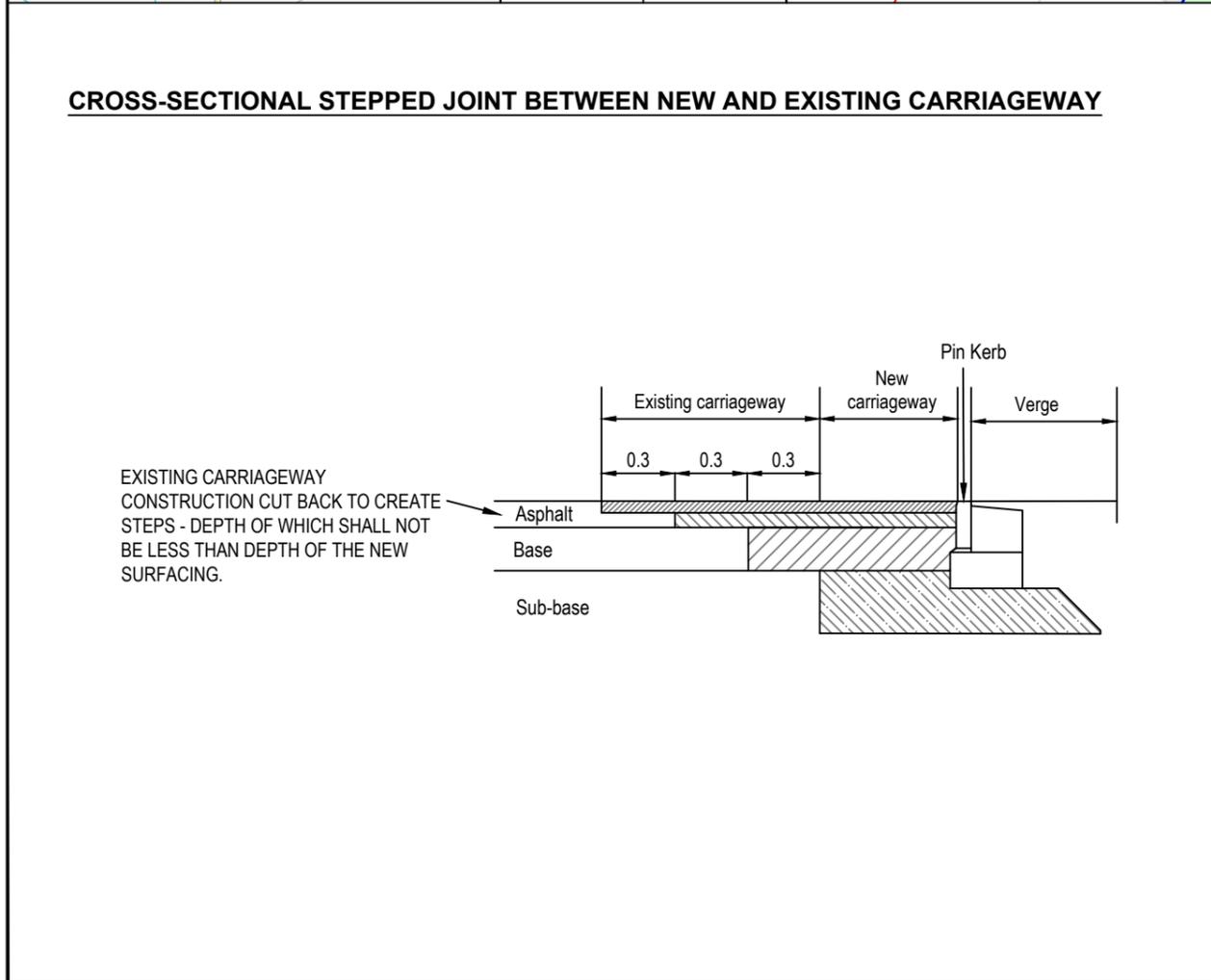
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require
- Proposed new surface course

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

**SYSTRA**  
www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

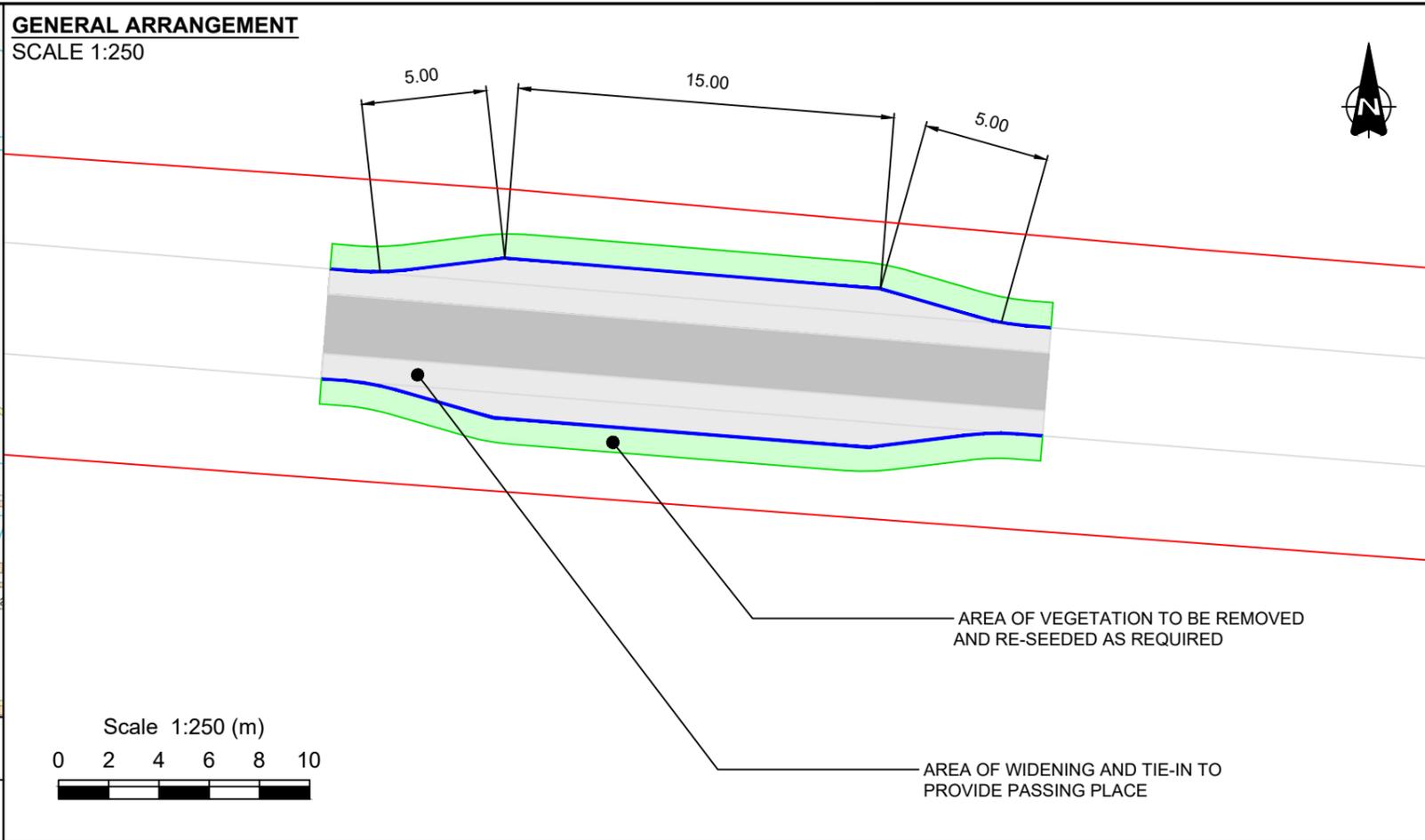
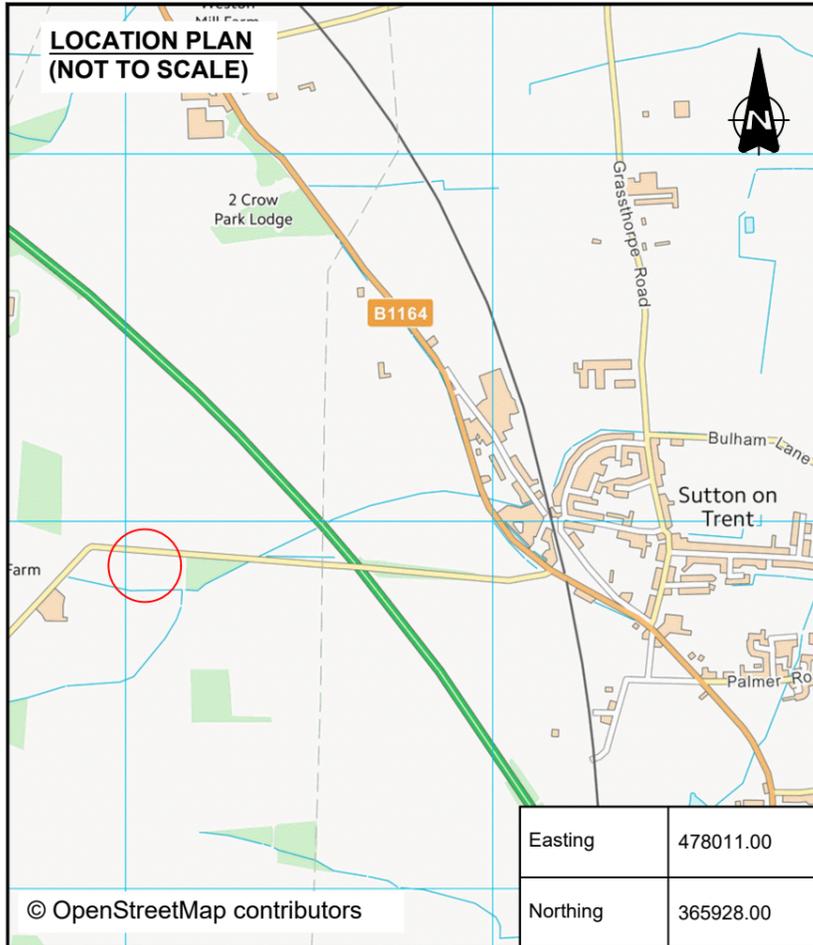
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
ELEMENTS GREEN TRENT LTD.

Project  
GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

Title  
PROPOSED PASSING PLACE LOCATION 24

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK224	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

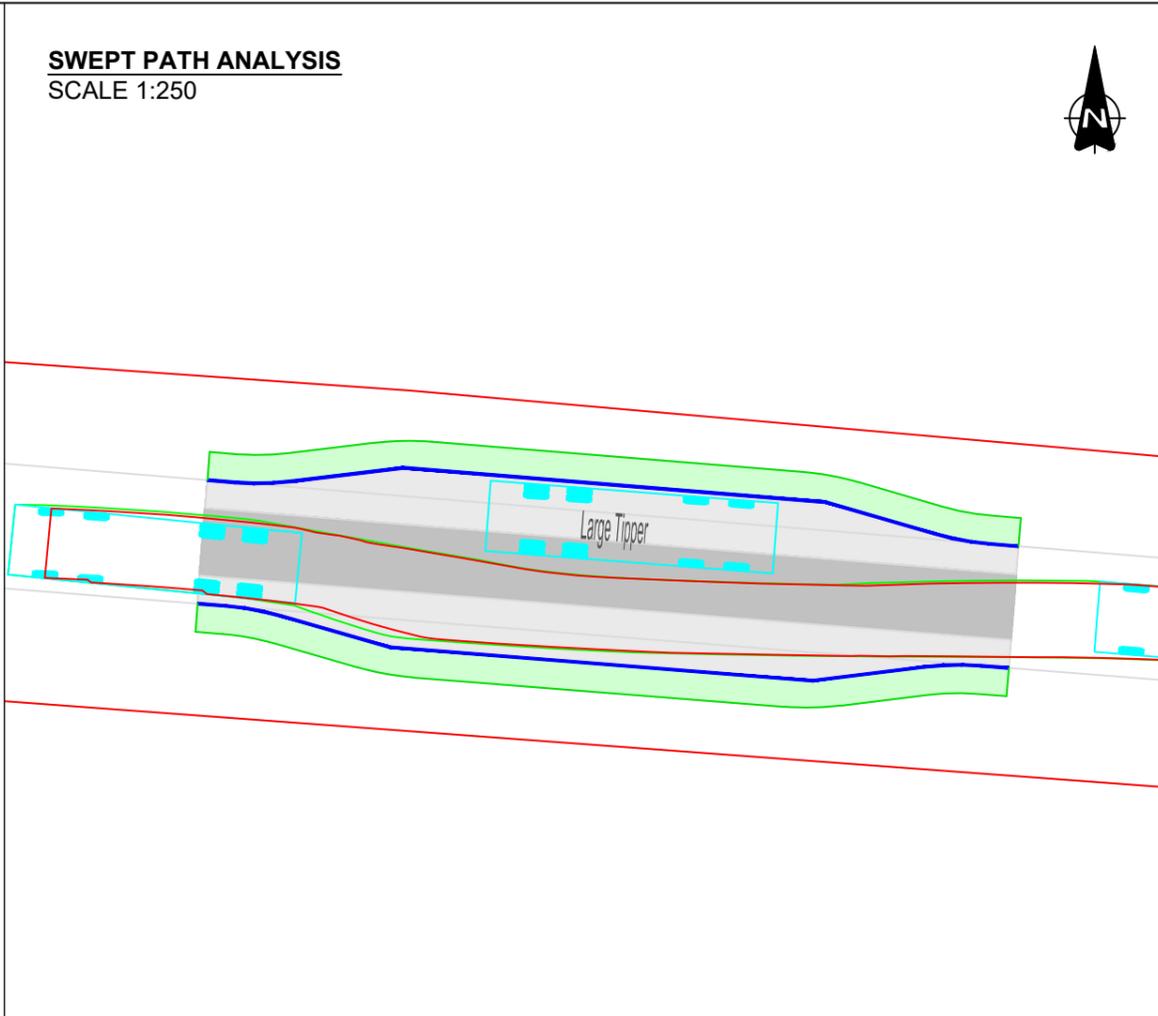
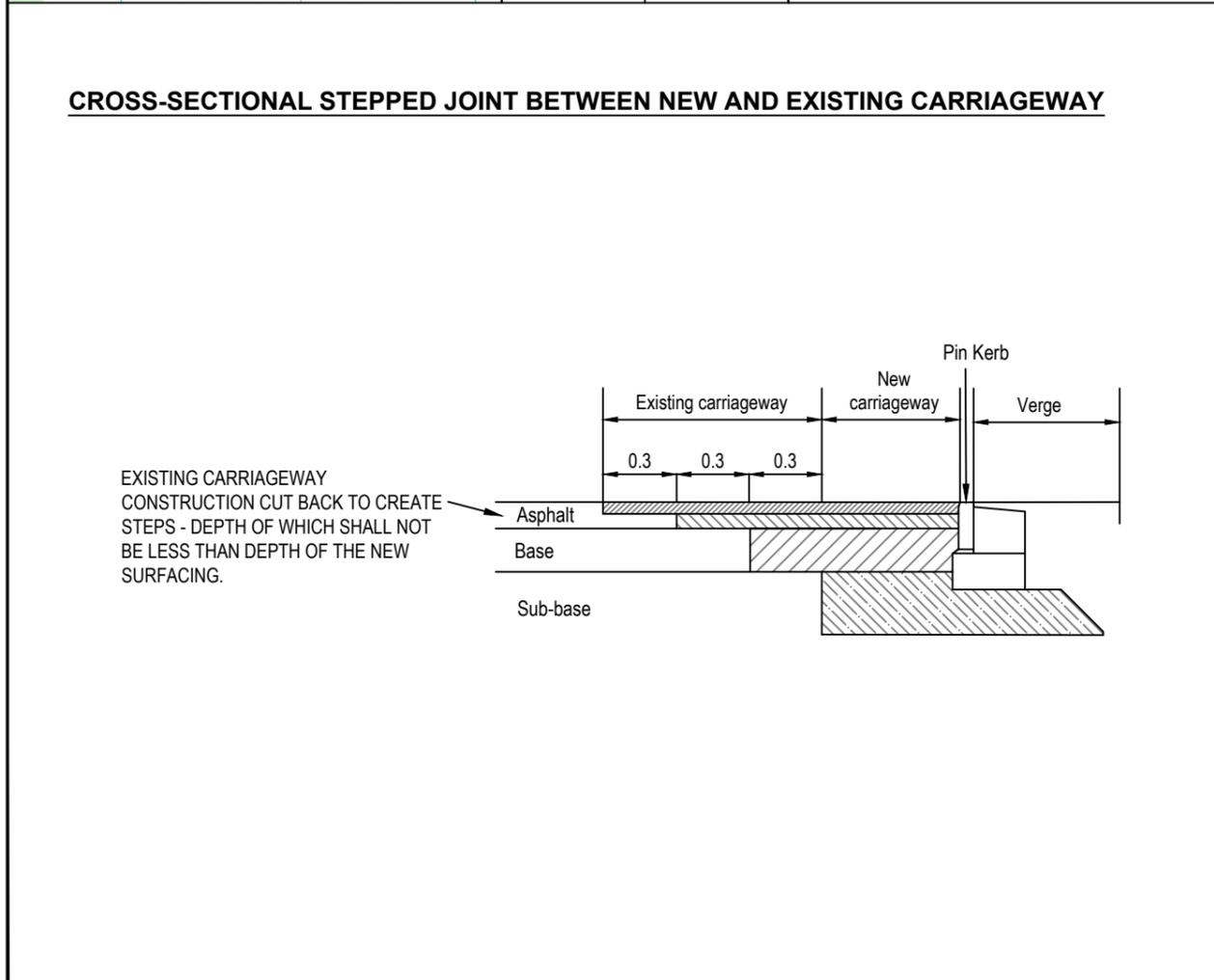
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require
- Proposed new surface course

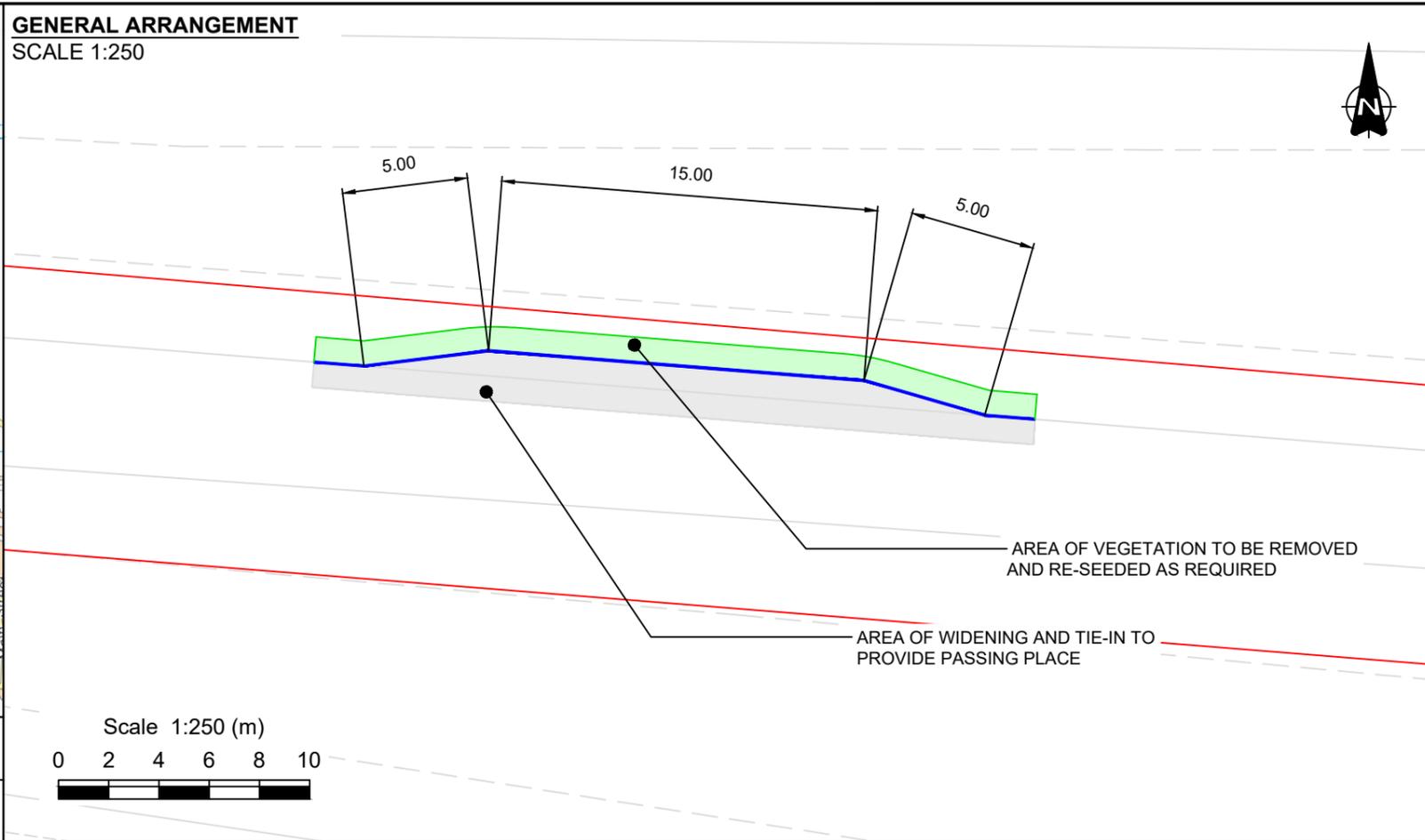
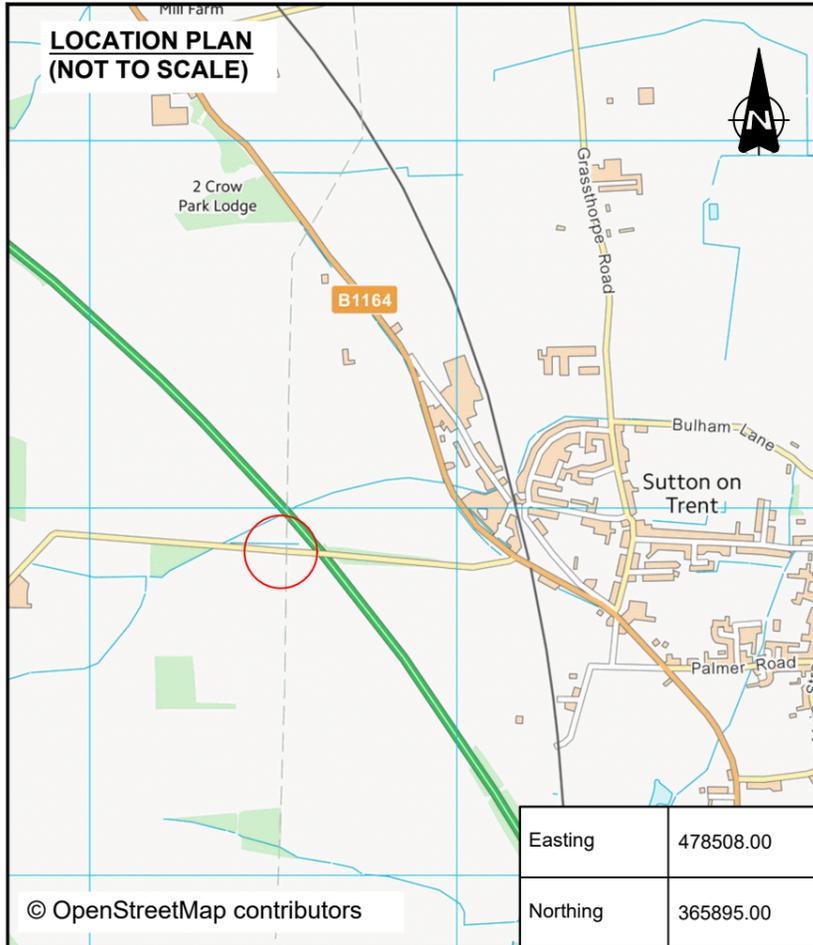
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev	Date	Revision details	Drawn	Checked	Approved
© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.					
Milburn House, Dean Street, Newcastle upon Tyne, NE1 1LE T 0191 249 3816 E uk_newcastle@systra.com					
Client ELEMENTS GREEN TRENT LTD.					
Project GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK					
Title PROPOSED PASSING PLACE LOCATION 25					
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK225	Rev.



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

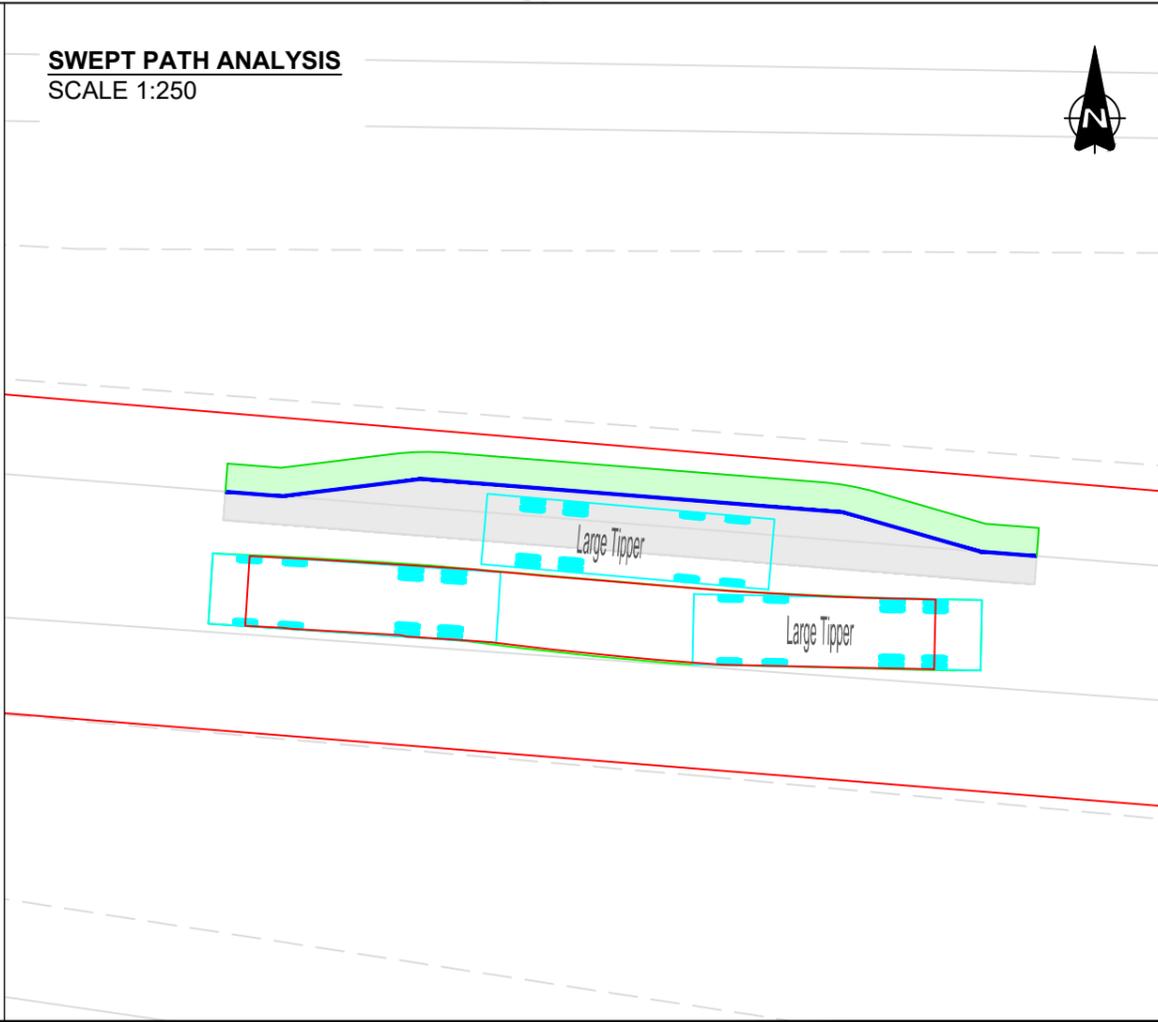
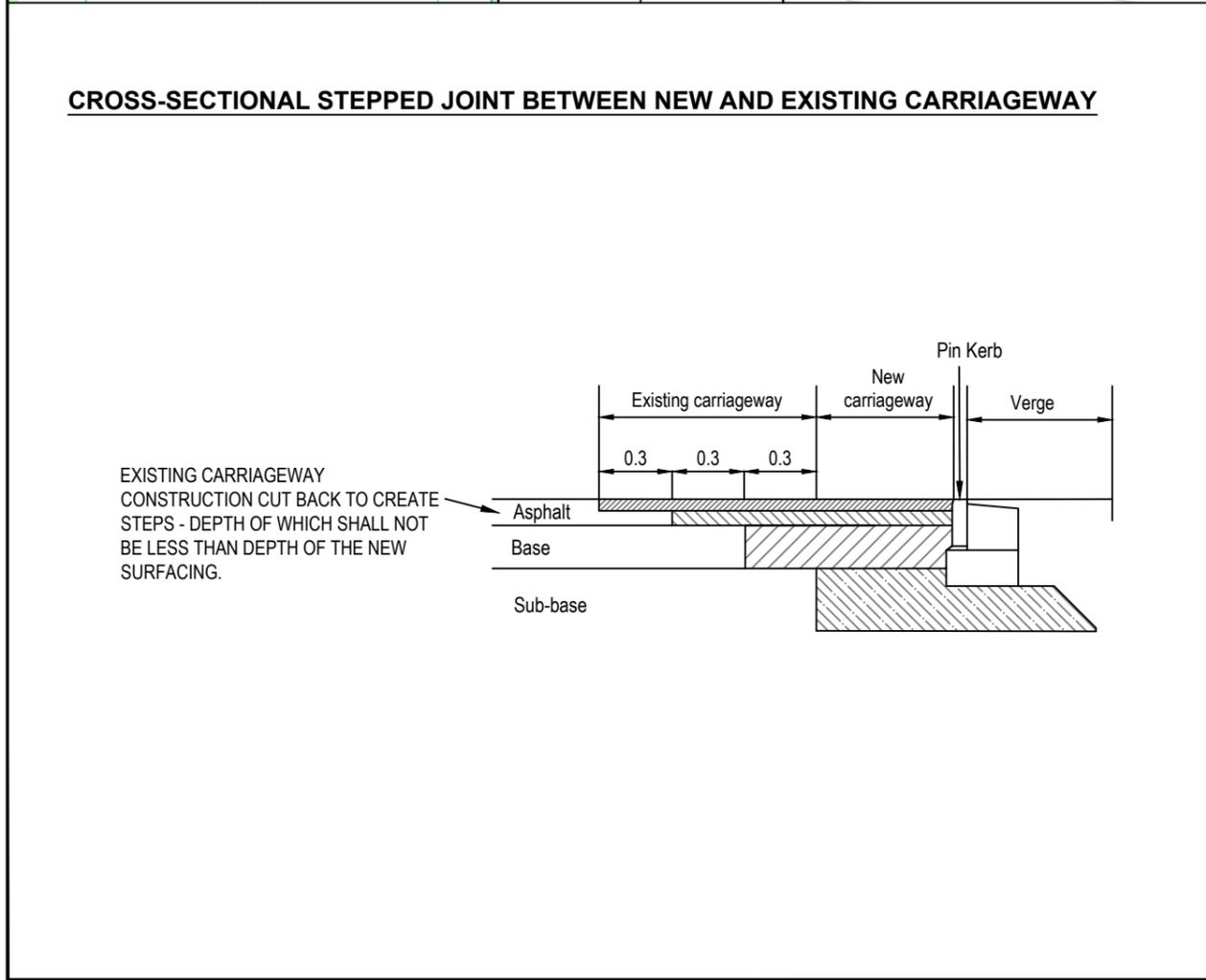
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

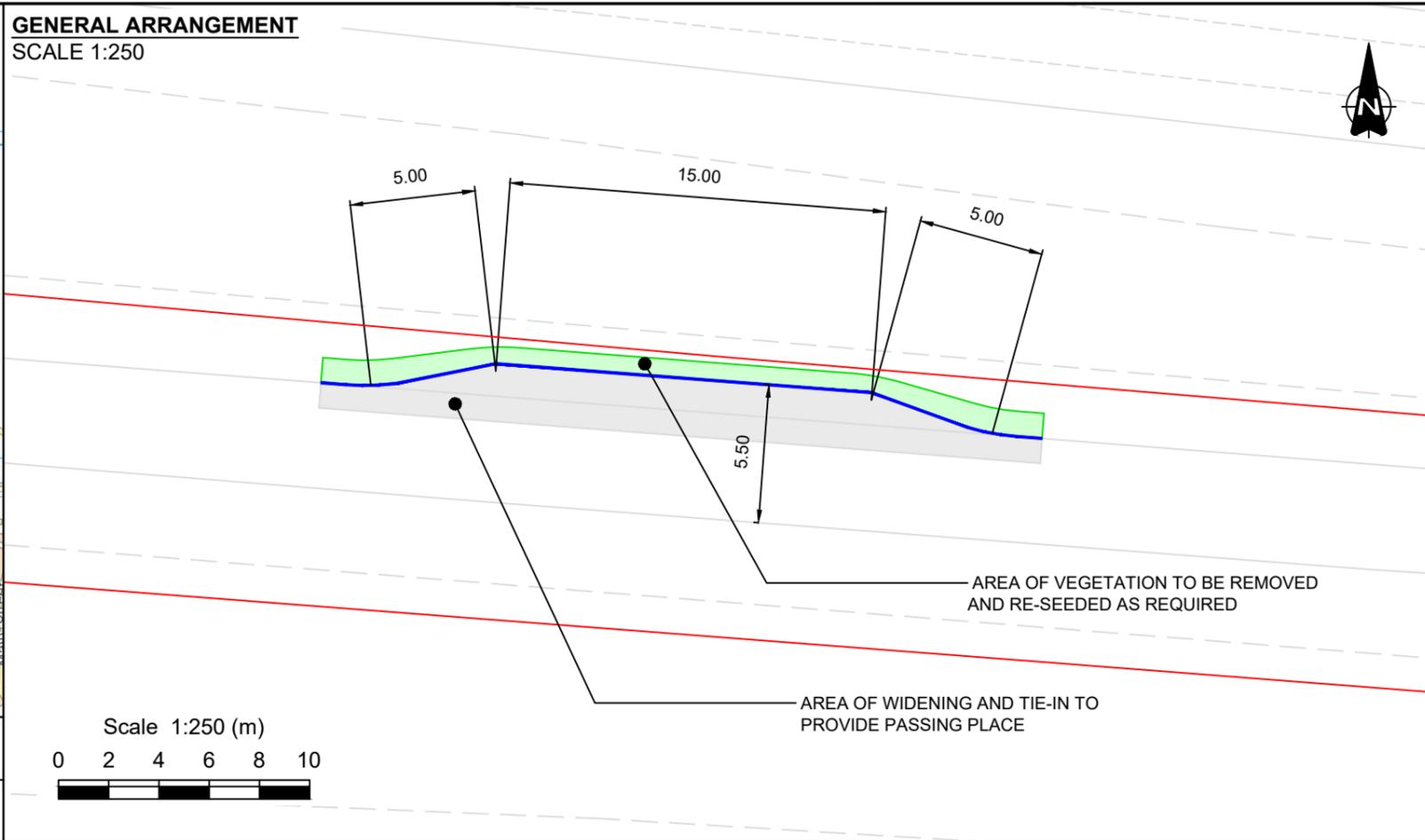
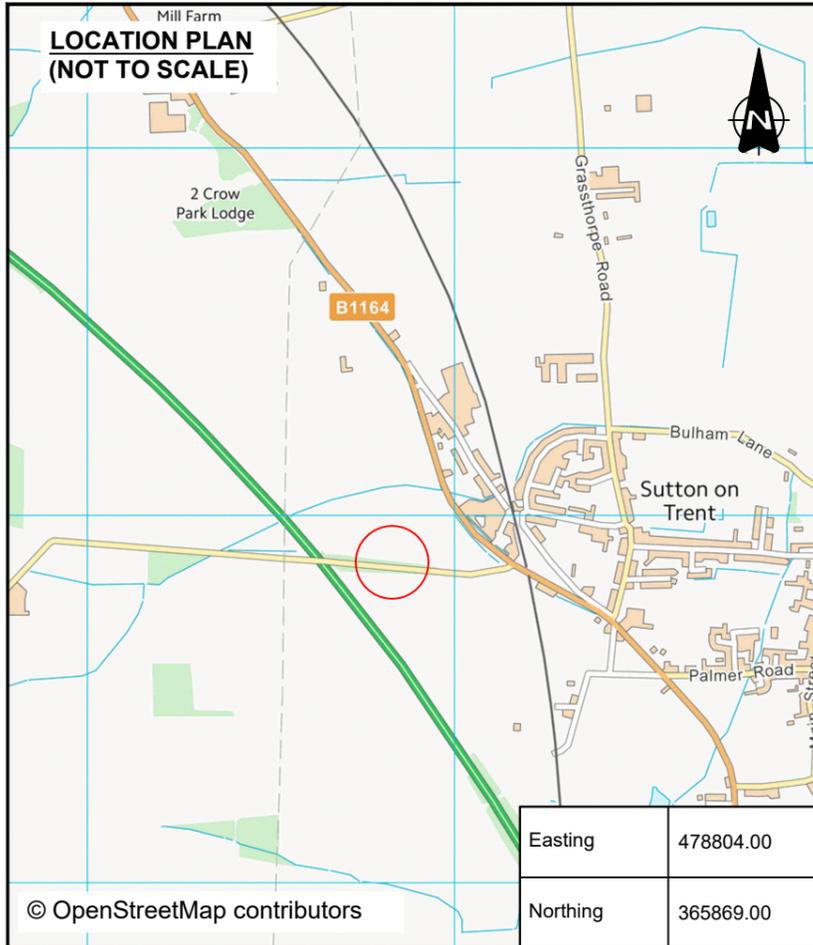
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev	Date	Revision details	Drawn	Checked	Approved
© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.					
Milburn House, Dean Street, Newcastle upon Tyne, NE1 1LE T 0191 249 3816 E uk_newcastle@systra.com					
Client ELEMENTS GREEN TRENT LTD.					
Project GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK					
Title PROPOSED PASSING PLACE LOCATION 26					
Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK226	Rev.



### NOTES

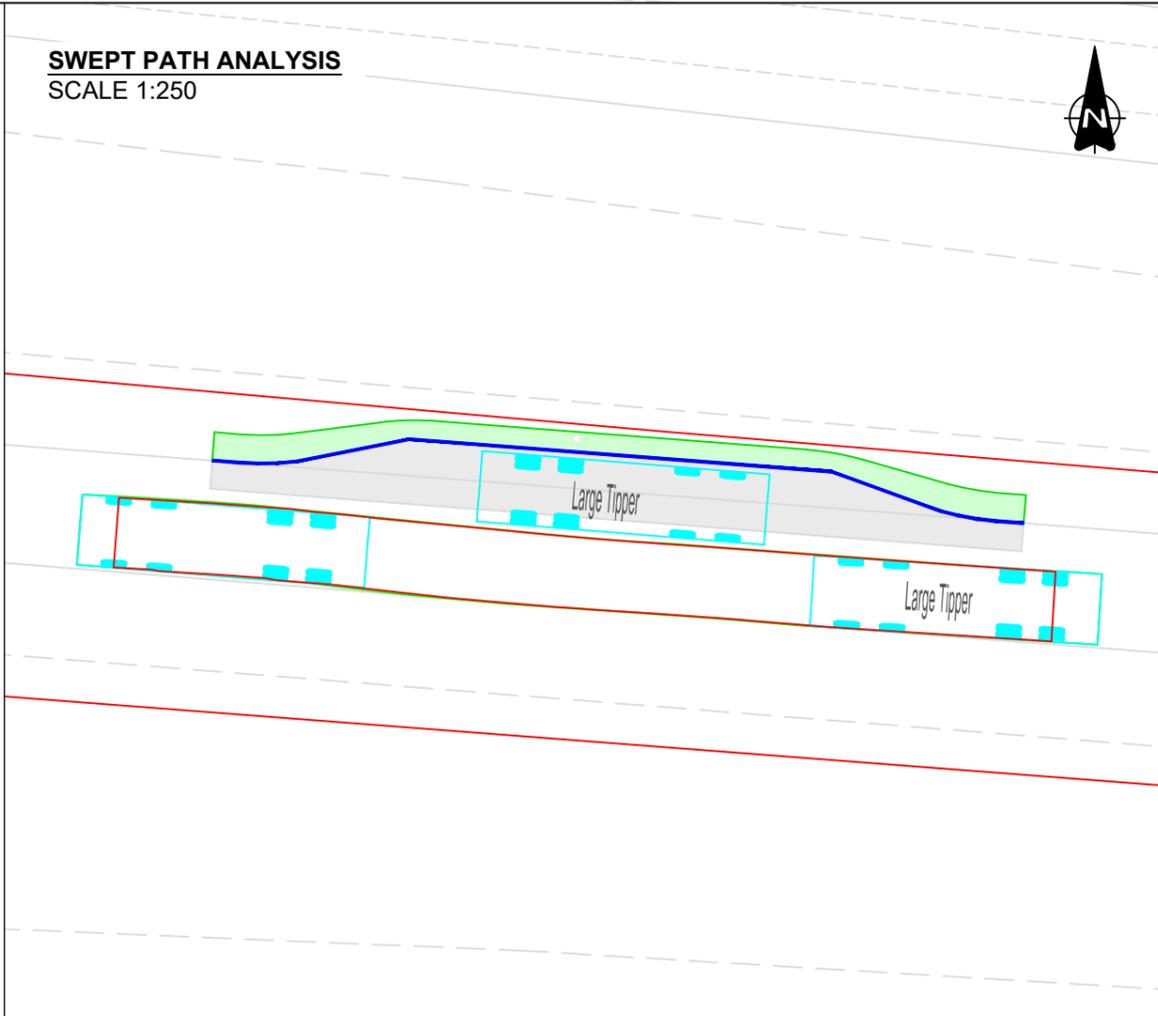
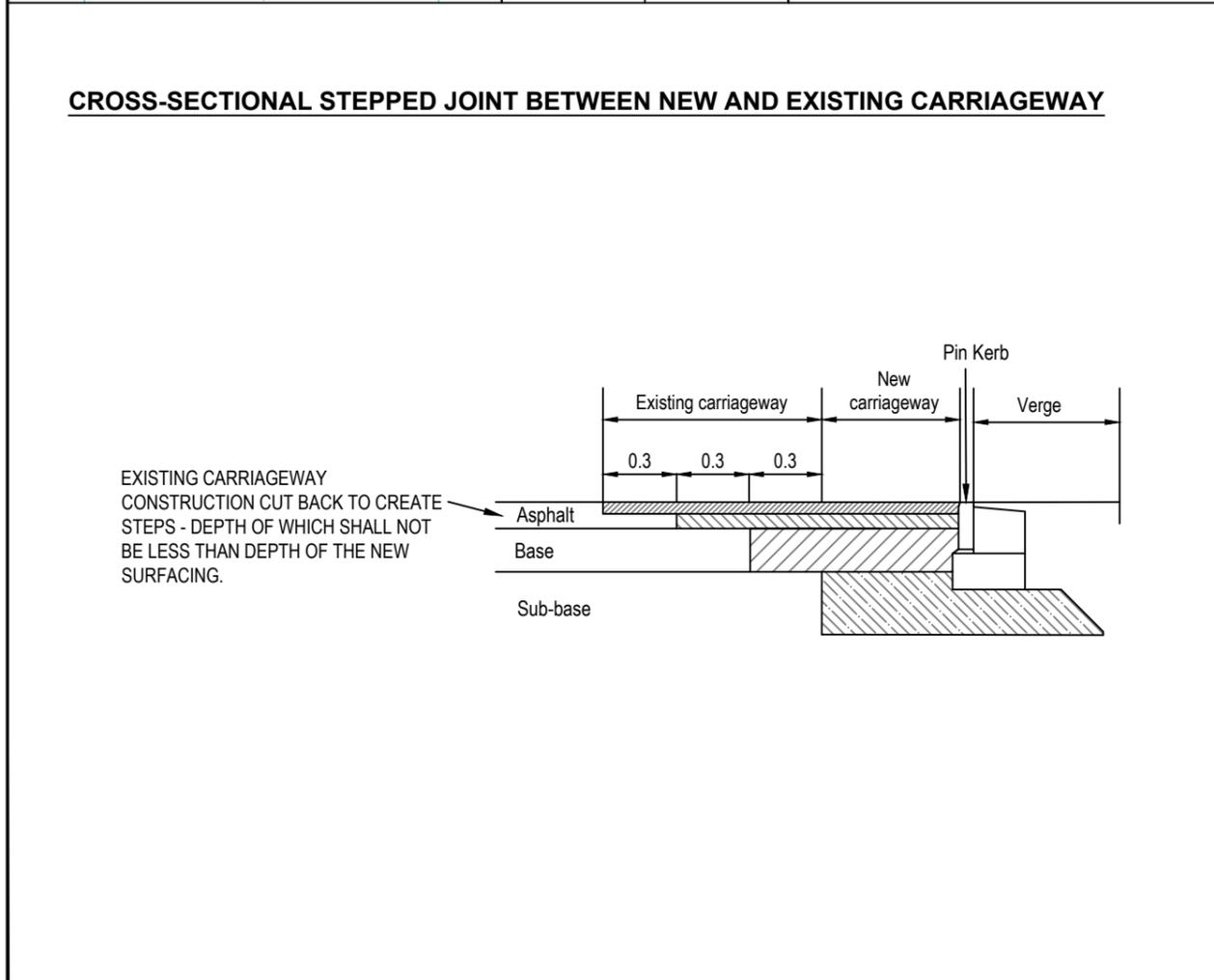
- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

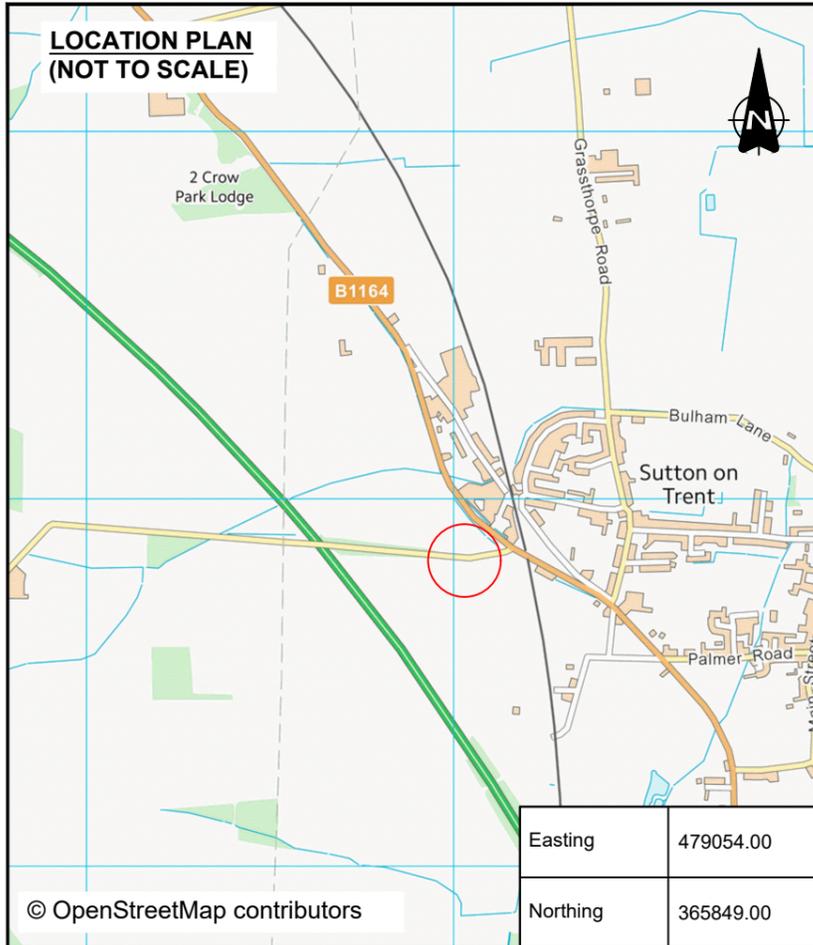
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
ELEMENTS GREEN TRENT LTD.

Project  
GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK

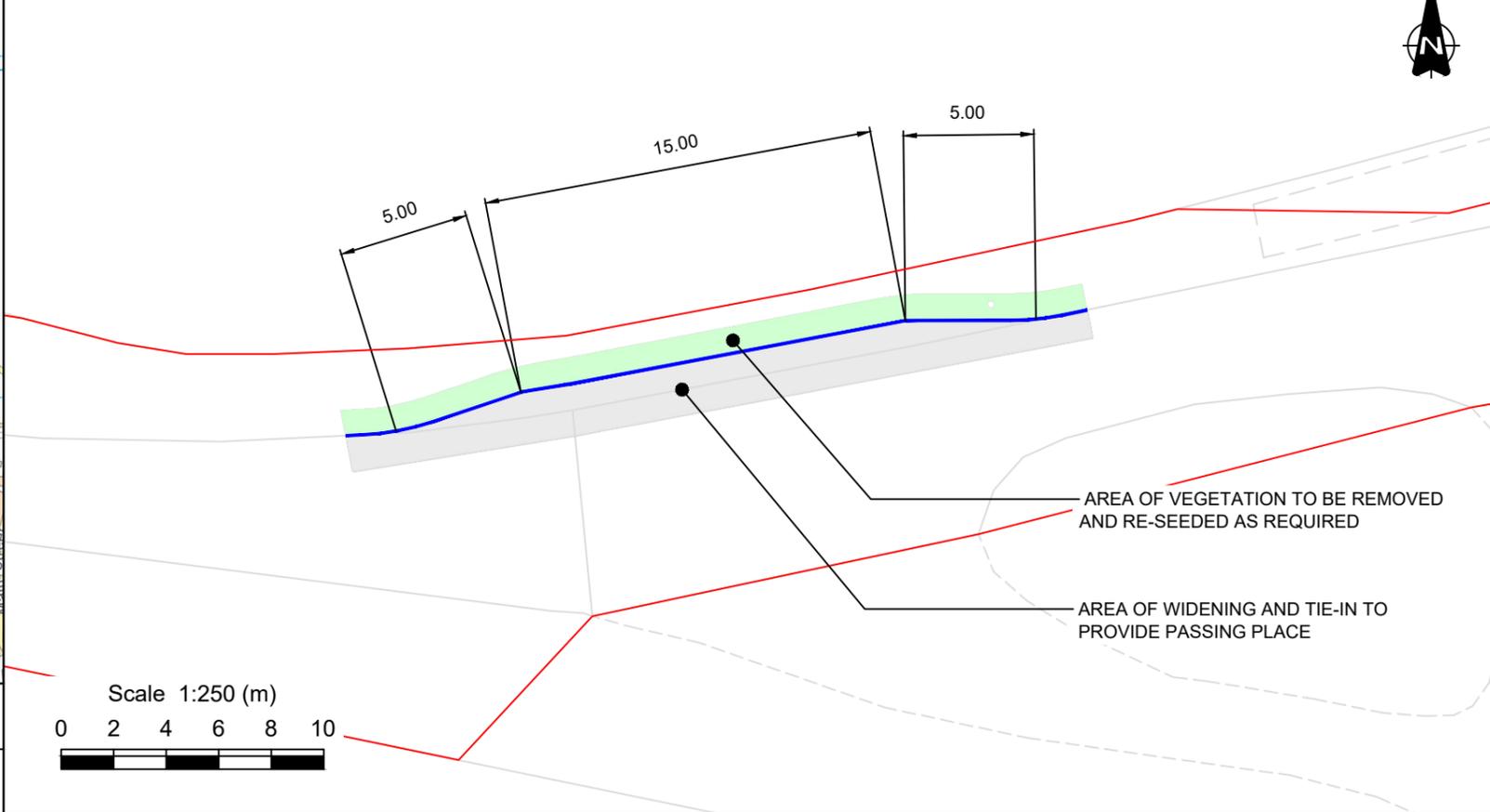
Title  
PROPOSED PASSING PLACE LOCATION 27

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK227	Rev.



### GENERAL ARRANGEMENT

SCALE 1:250



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

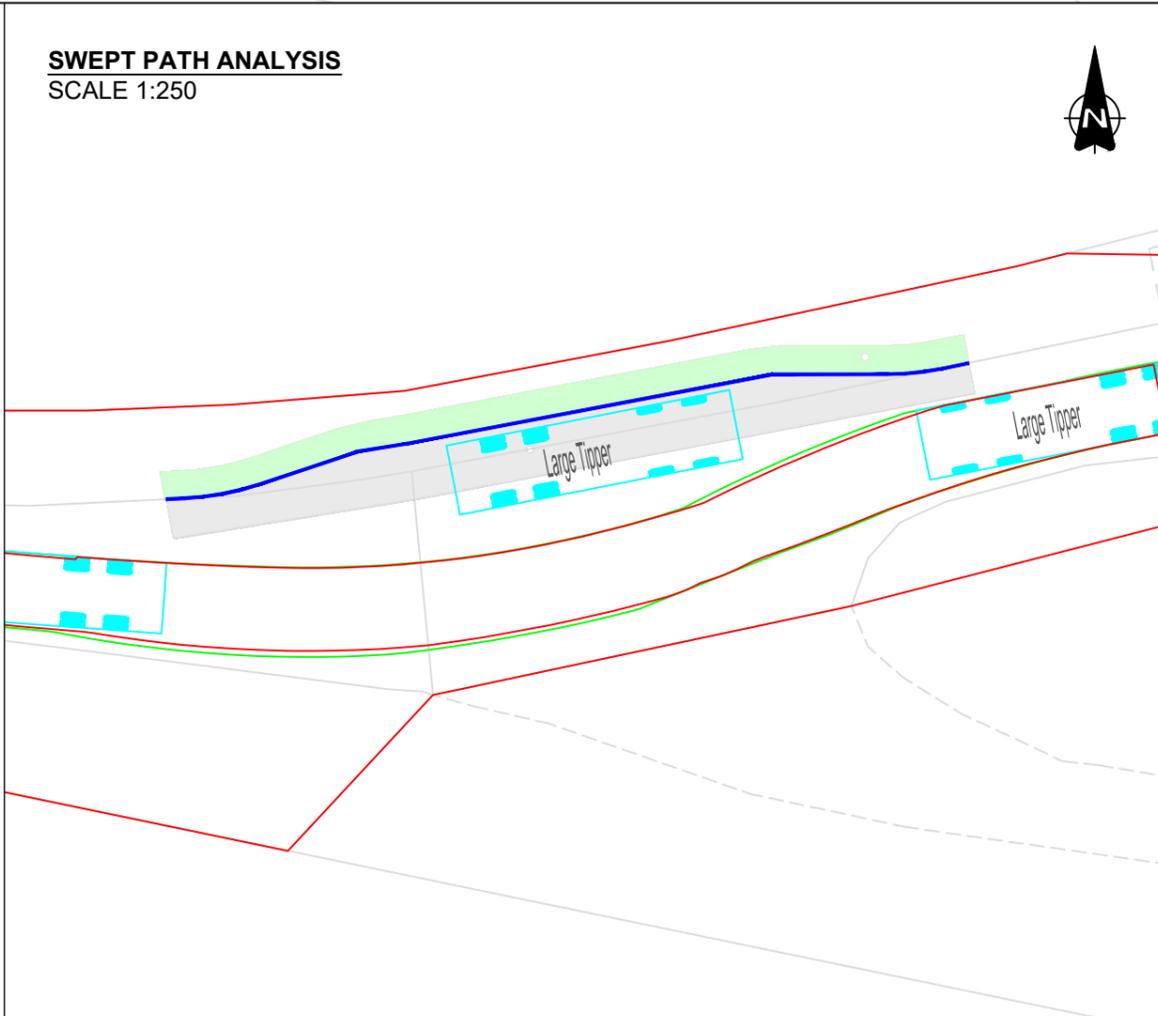
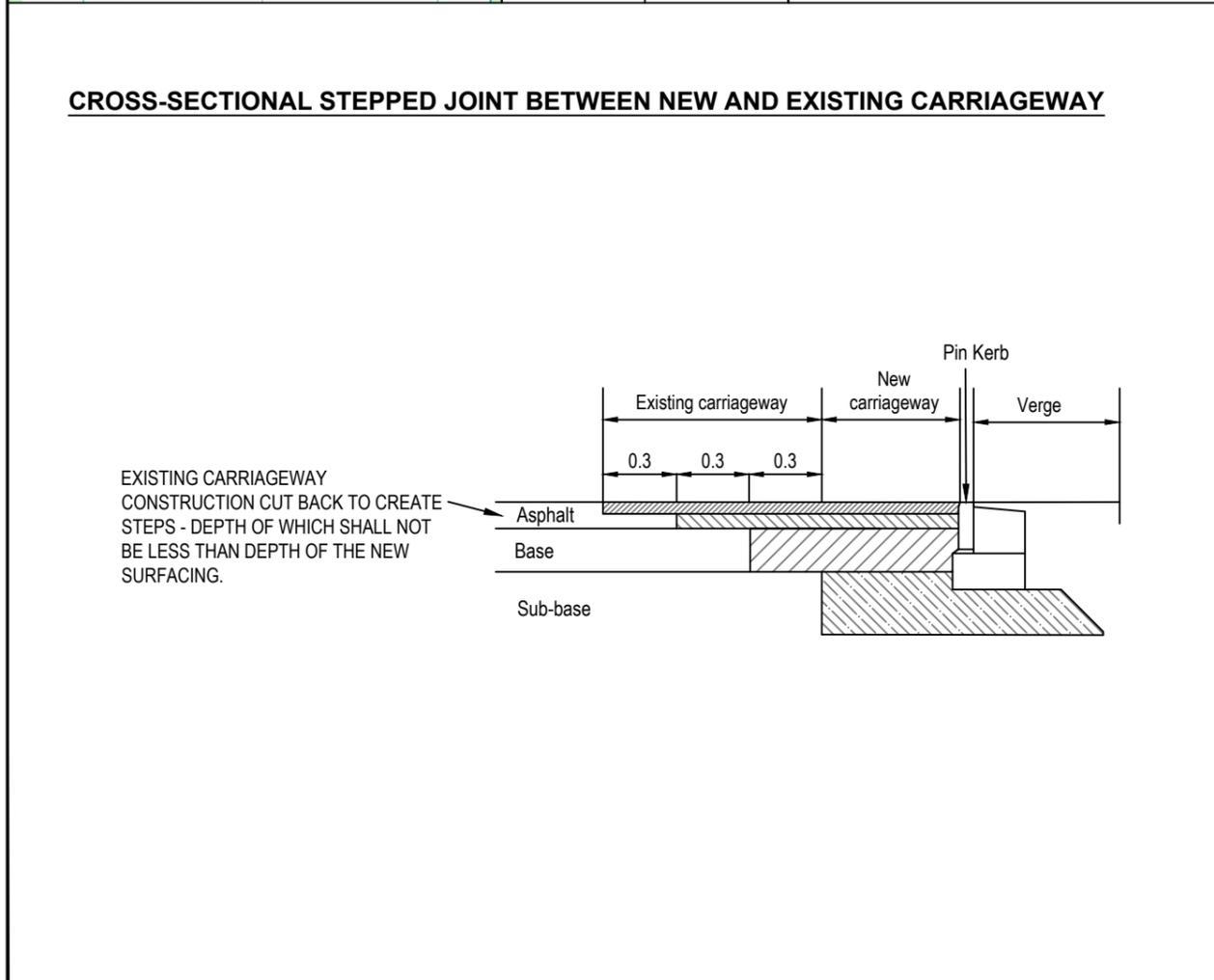
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev.	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

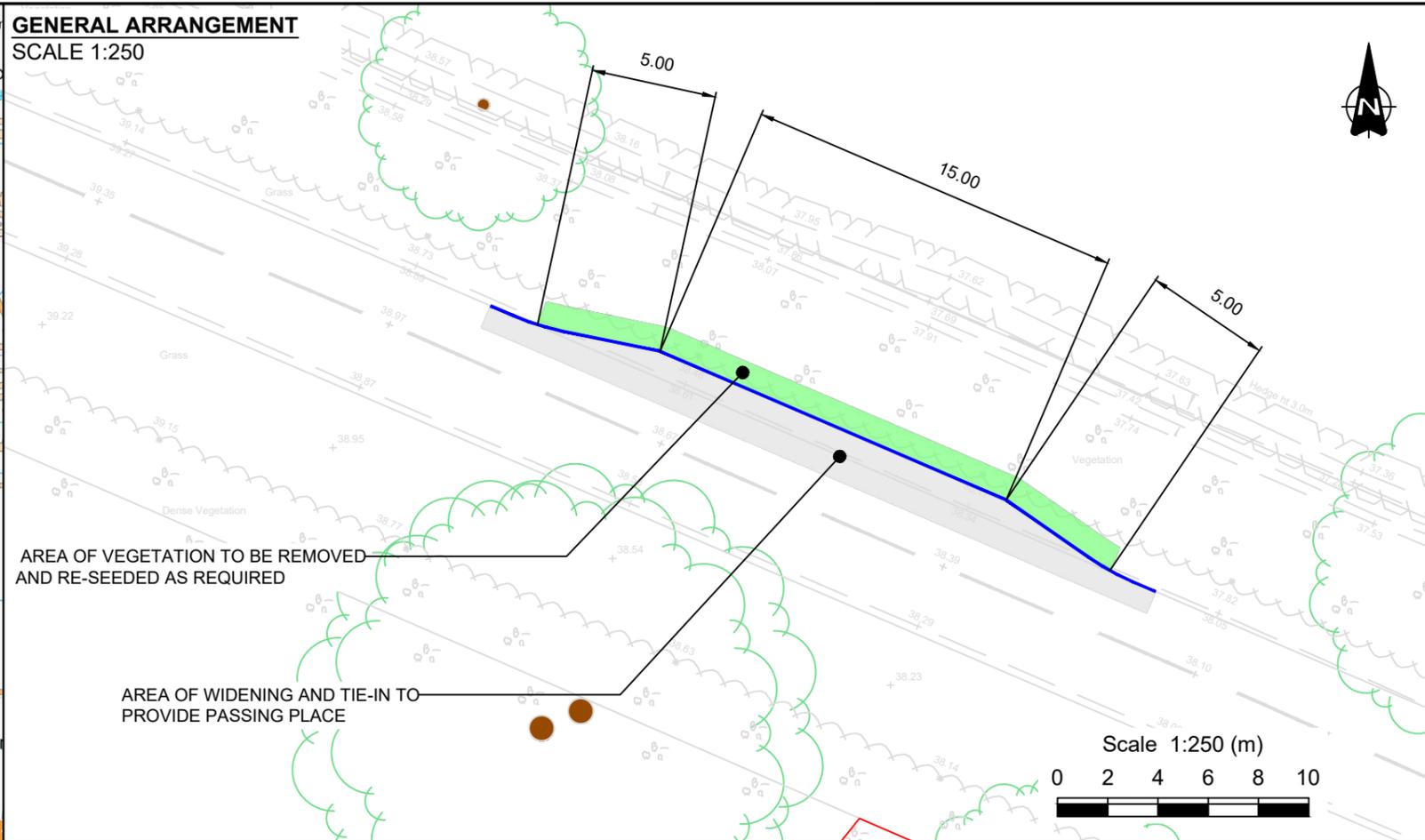
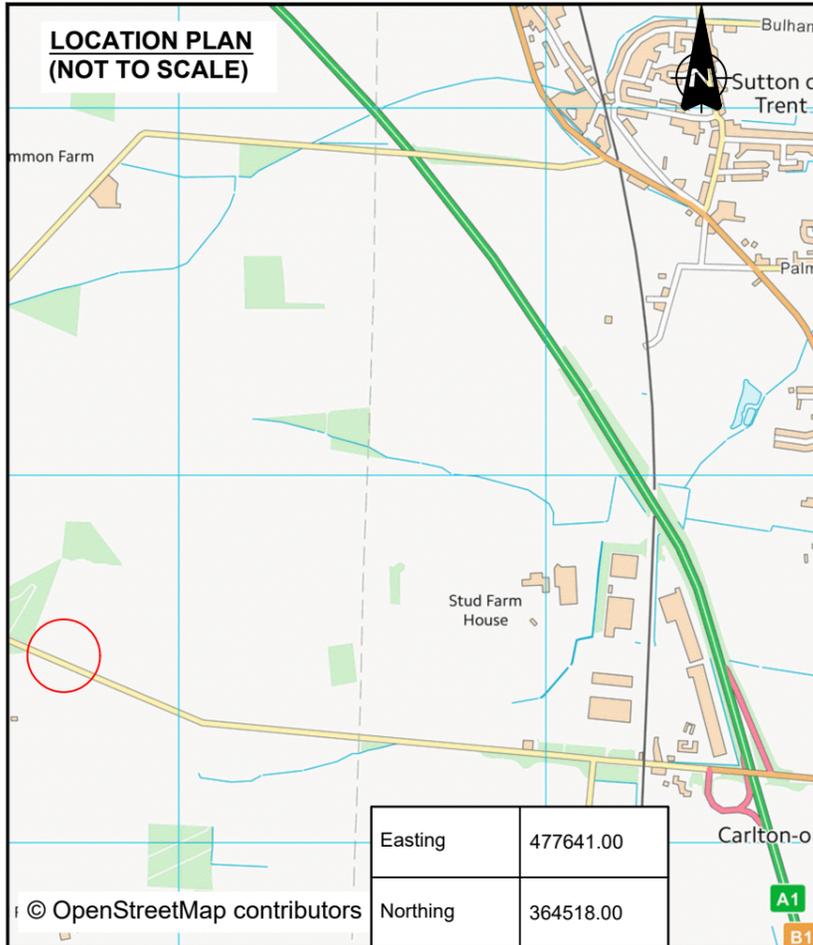
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 28**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK228	



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

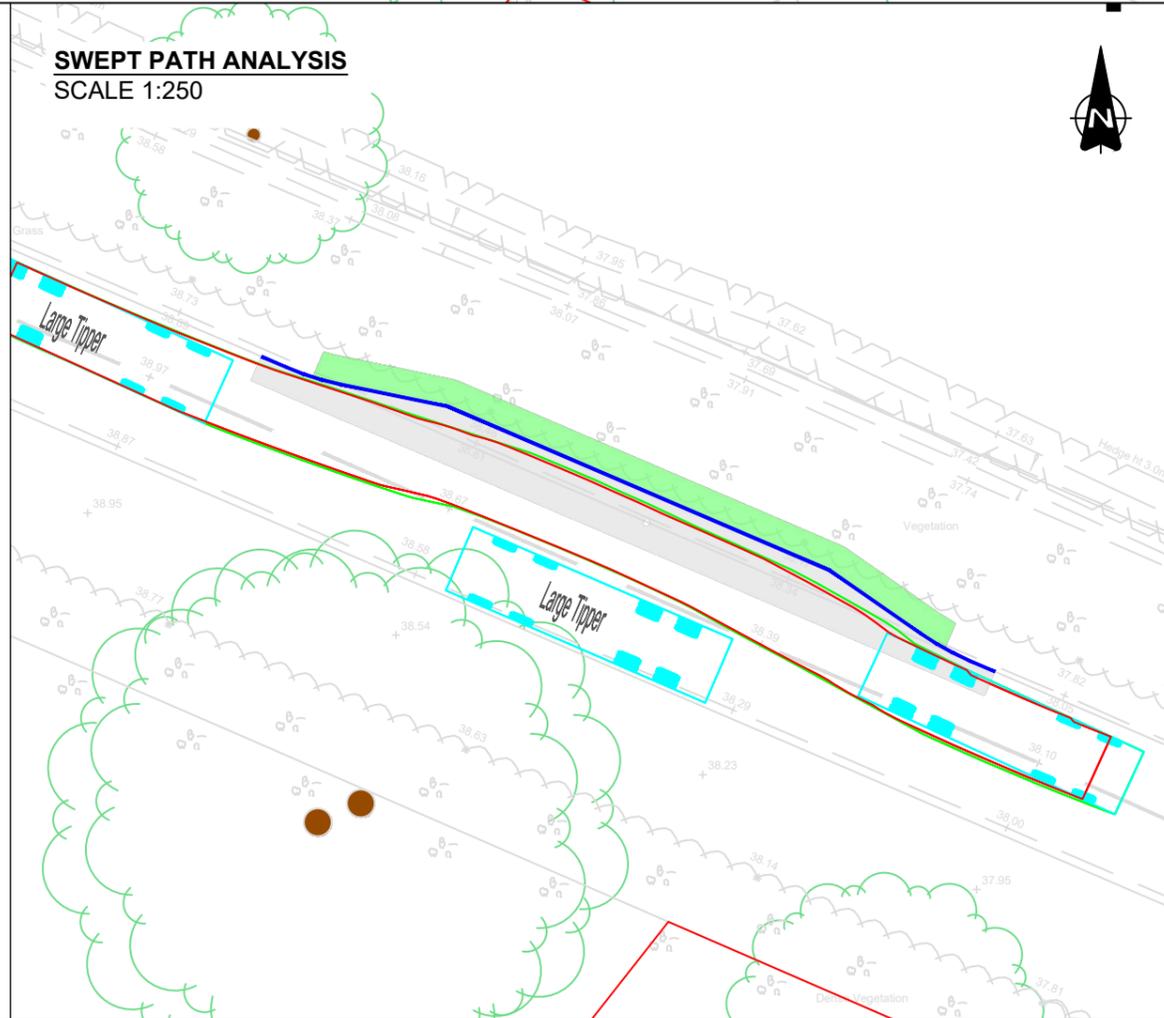
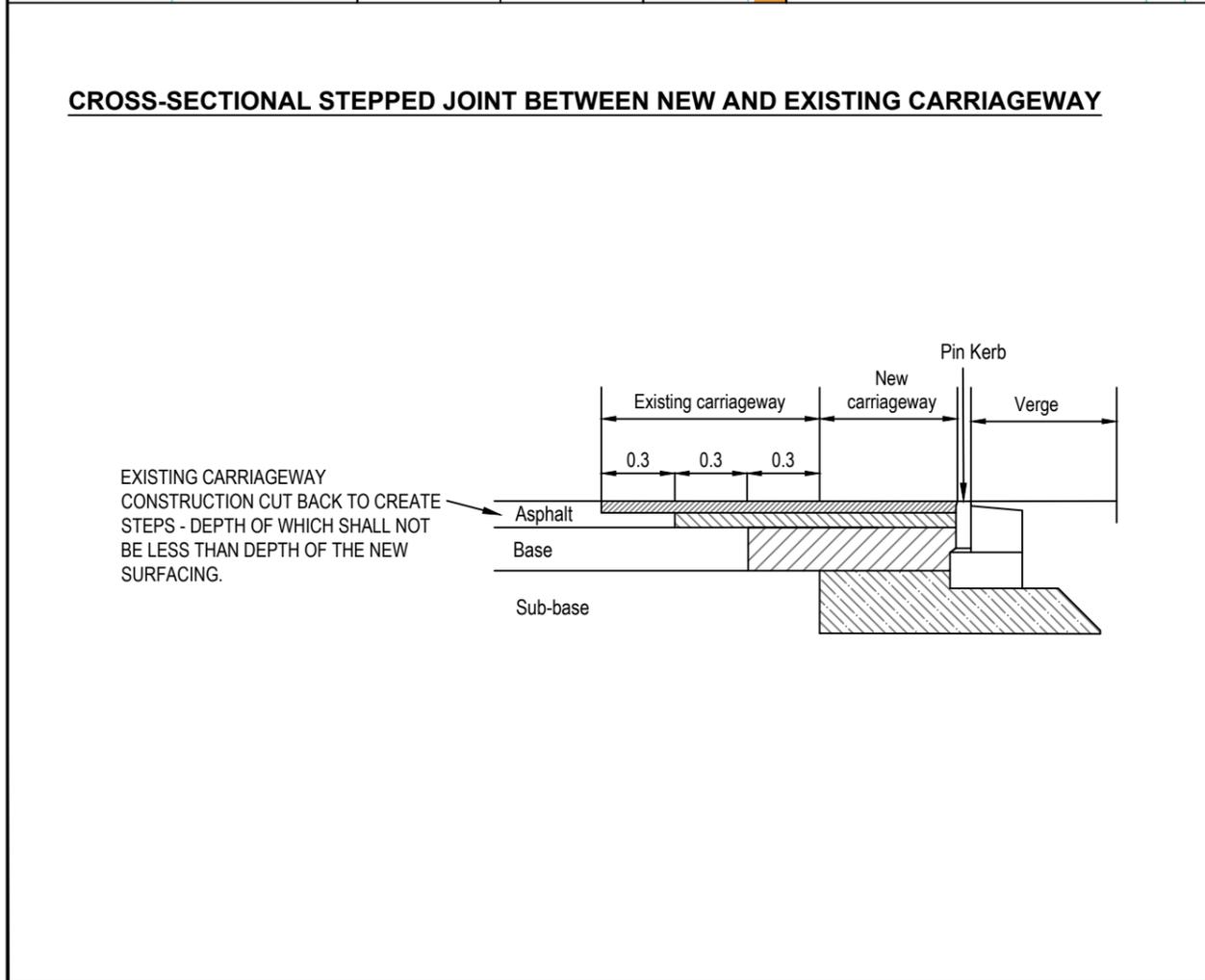
### KEY

- Proposed Kerblines
- Proposed Carriageway Widening
- Order limits
- Area of vegetation to be removed and re-seeded as require

OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



Rev	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

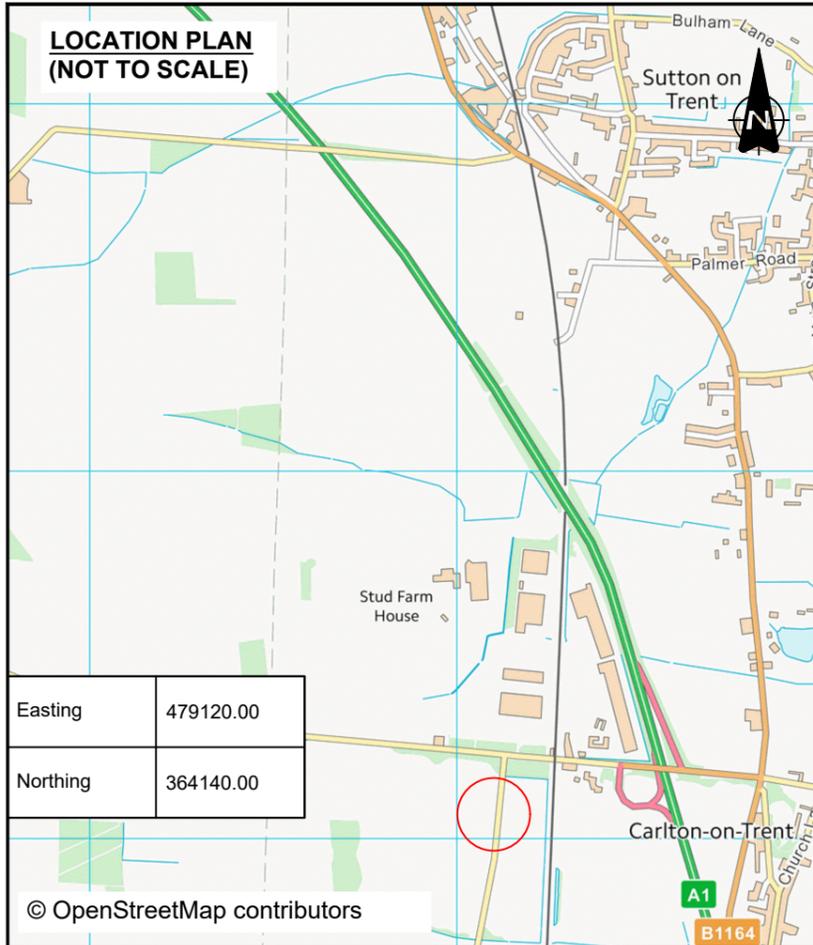
T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

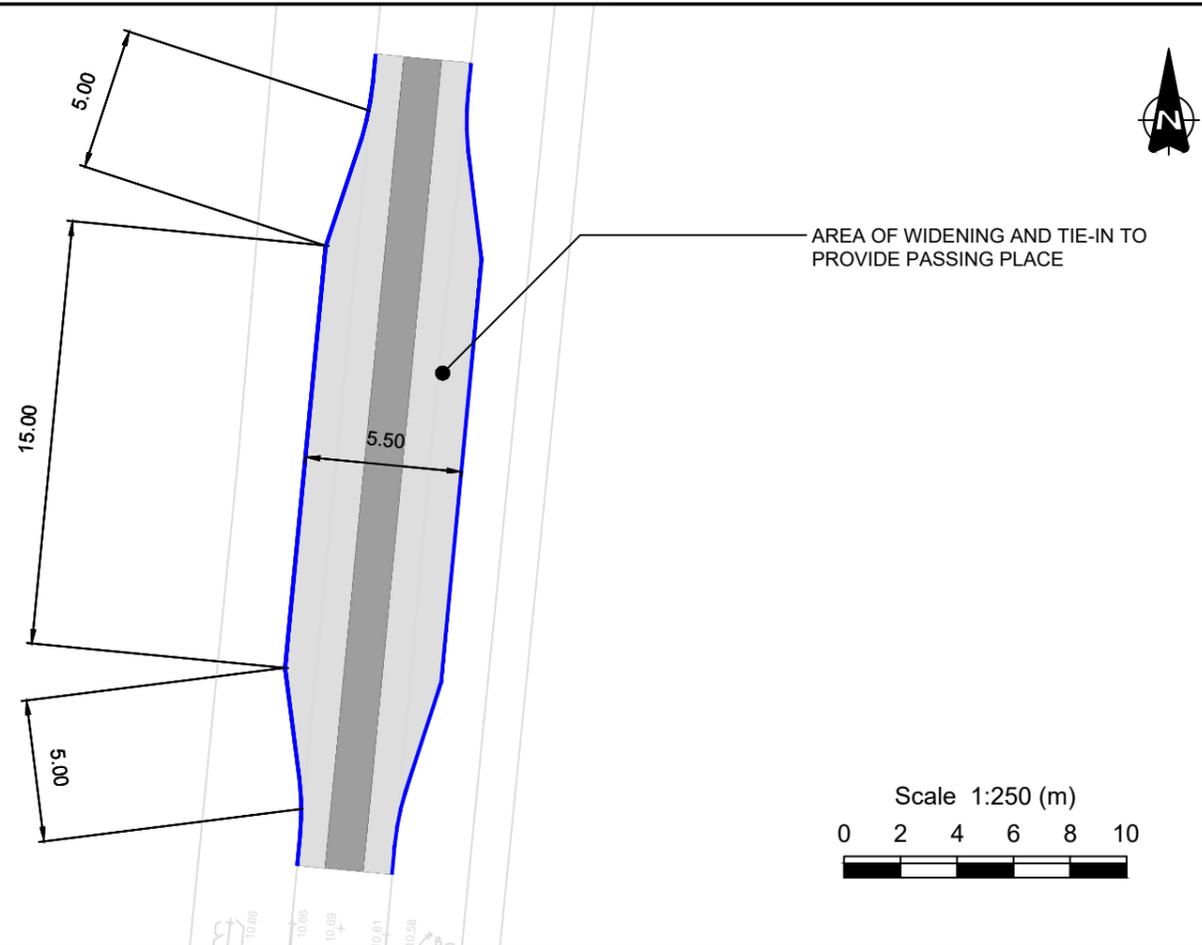
Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 29**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK229	Rev.



### GENERAL ARRANGEMENT SCALE 1:250



### NOTES

- Do not scale from this drawing.
- All dimensions are in metres unless otherwise stated.
- This drawing is for planning purposes only.

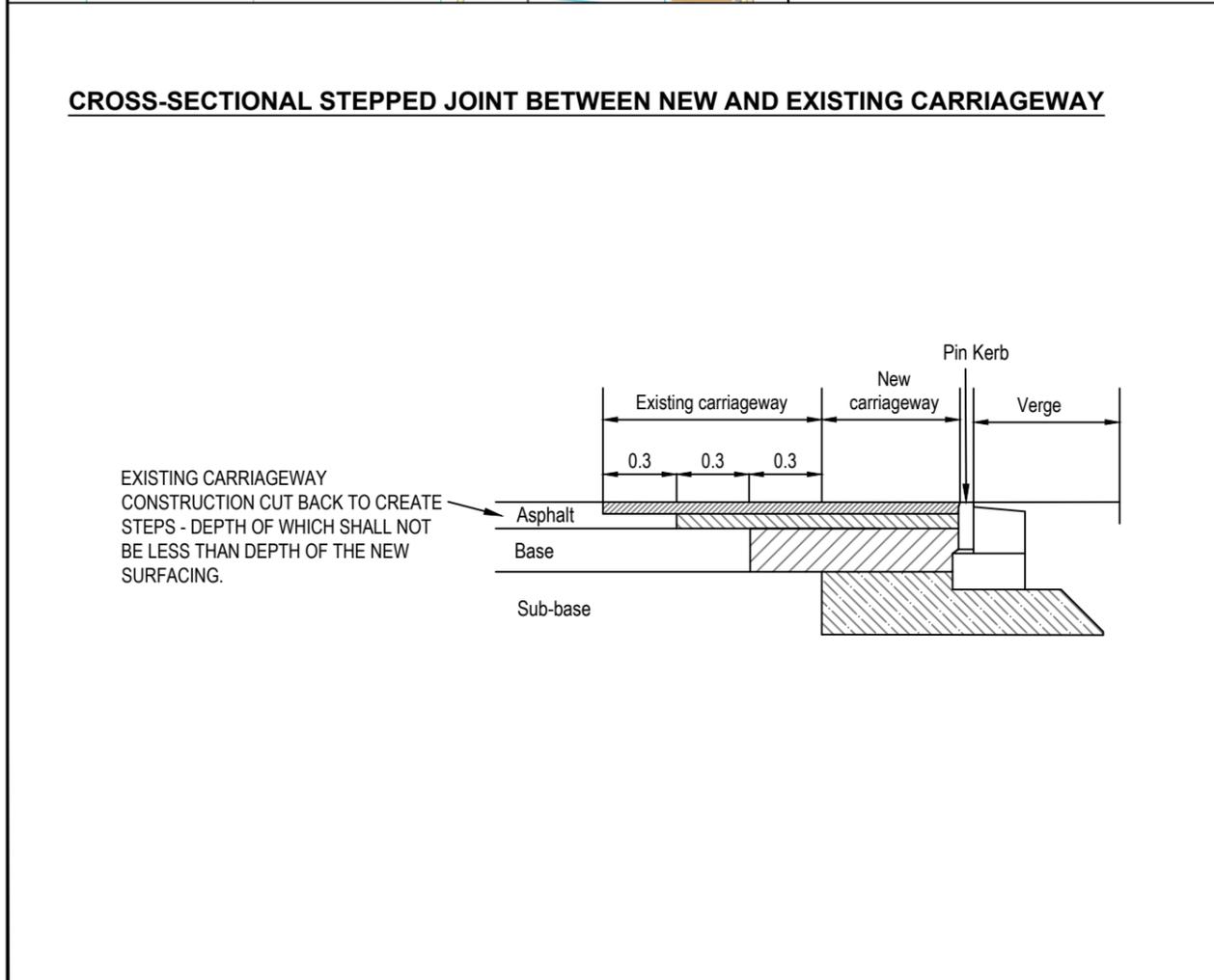
### KEY

- Proposed Kerbline
- Proposed Carriageway Widening
- Proposed new surface course

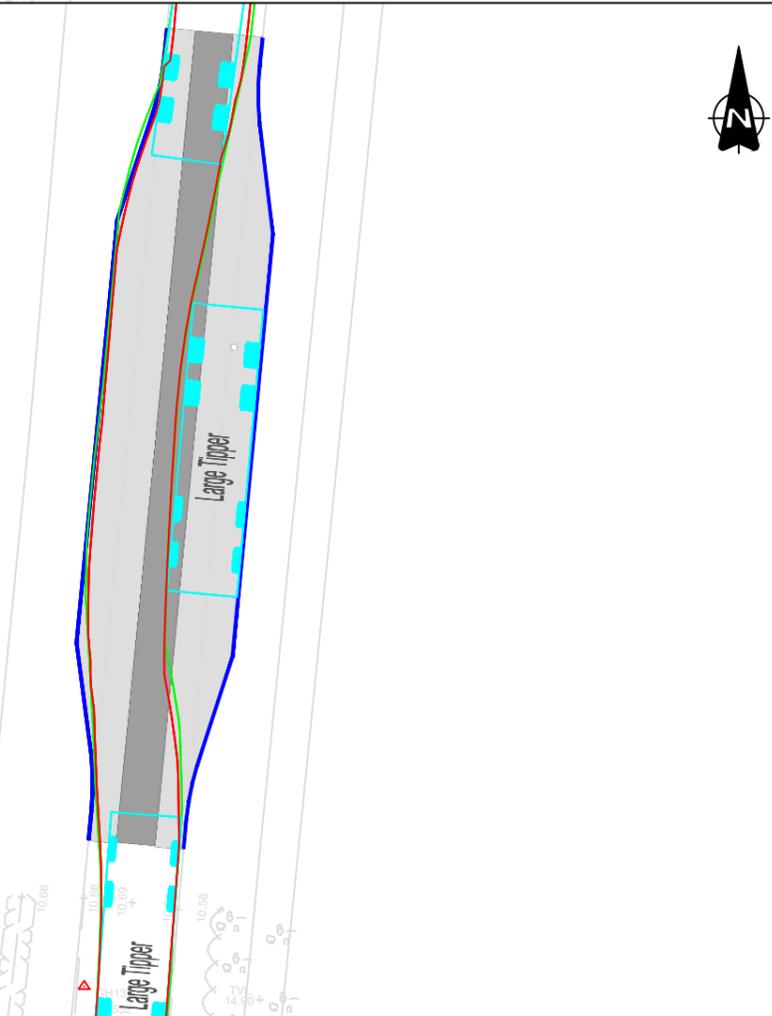
OS MasterMap: Reproduced from Ordnance Survey digital map data © Crown Copyright 2023. All rights reserved. Licence number 100066882.

### VEHICLE USED FOR SWEEP PATH

Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m



### SWEEP PATH ANALYSIS SCALE 1:250



Rev.	Date	Revision details	Drawn	Checked	Approved

© This drawing is the property of SYSTRA Limited and the information can only be reproduced with their prior permission.

## SYSTRA

www.systra.co.uk

Milburn House,  
Dean Street,  
Newcastle upon Tyne,  
NE1 1LE

T 0191 249 3816  
E uk\_newcastle@systra.com

Client  
**ELEMENTS GREEN TRENT LTD.**

Project  
**GREAT NORTH ROAD SOLAR FARM AND BIODIVERSITY PARK**

Title  
**PROPOSED PASSING PLACE LOCATION 30**

Drawn	FW	Checked	JH	Approved	SE
Original dwg. size	A3	Date	21.05.25	Scale	AS SHOWN
Drawing Status	INFORMATION		Drawing Number	23D07-SK230	