Green Hill Solar Farm
EN010170

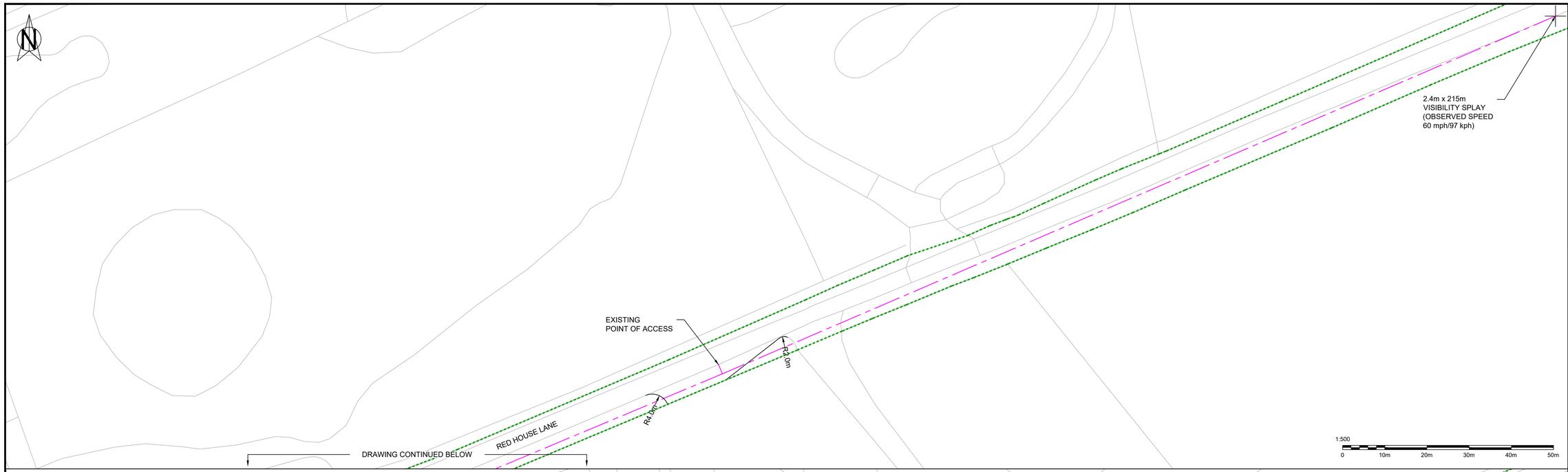
Environmental Statement
Appendix 13.2: Transport Assessment
(Part 2 of 3)

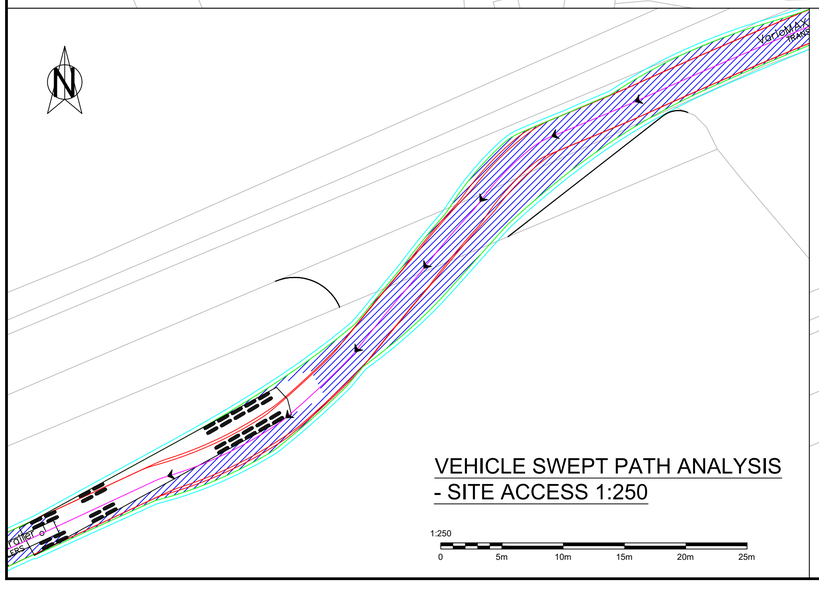
Prepared by: KMC

Date: May 2025

Document Reference: APP/GH6.3.13.2

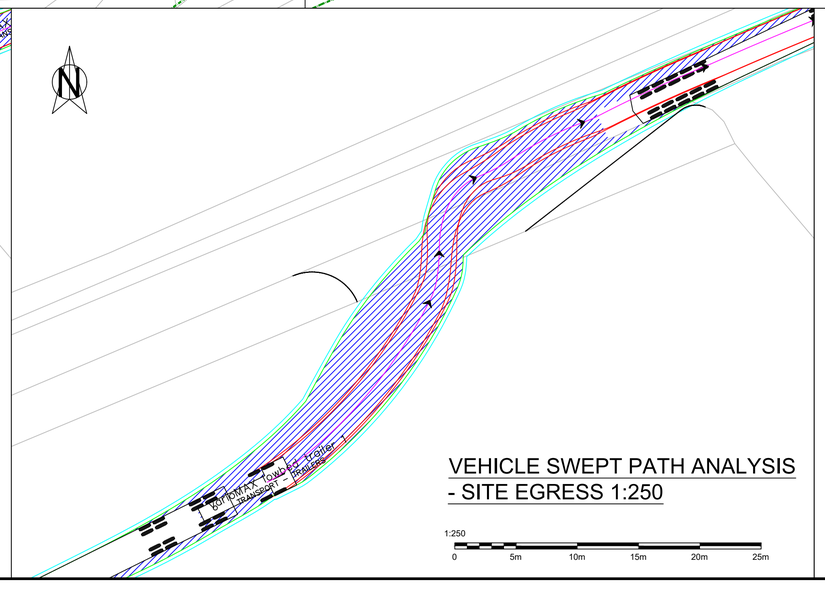
APFP Regulation 5(2)(a)





VEHICLE SWEPT PATH ANALYSIS
- SITE ACCESS 1:250

1:250
0 5m 10m 15m 20m 25m



VEHICLE SWEPT PATH ANALYSIS
- SITE EGRESS 1:250

1:250
0 5m 10m 15m 20m 25m

NOTES:

1. (C) This drawing is copyright.
2. All dimensions to be checked on site.
3. Do not scale from this drawing; only figured dimensions are to be worked from.
4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.
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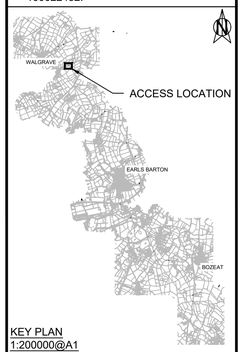
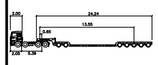


KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	/	SM

Issue Status
- ☐ CONCEPT
- ■ PRELIMINARY
- ☐ TENDER
- ☐ CONSTRUCTION
- ☐ AS BUILT
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

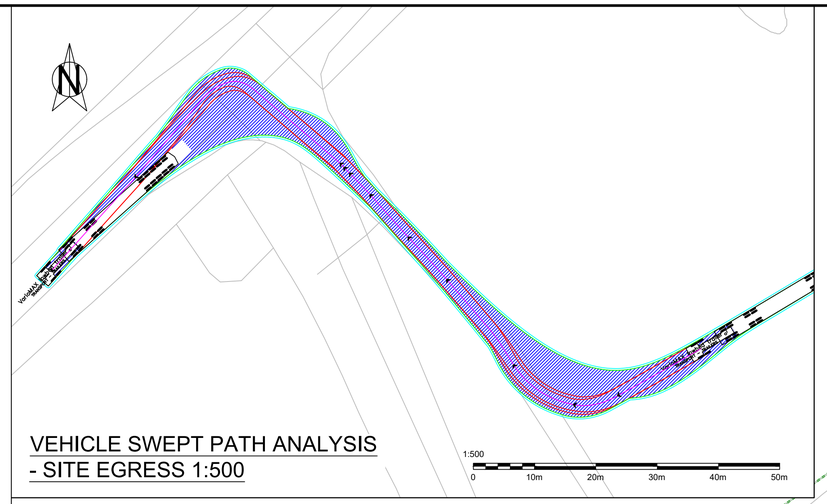
Project
GREEN HILL SOLAR FARM

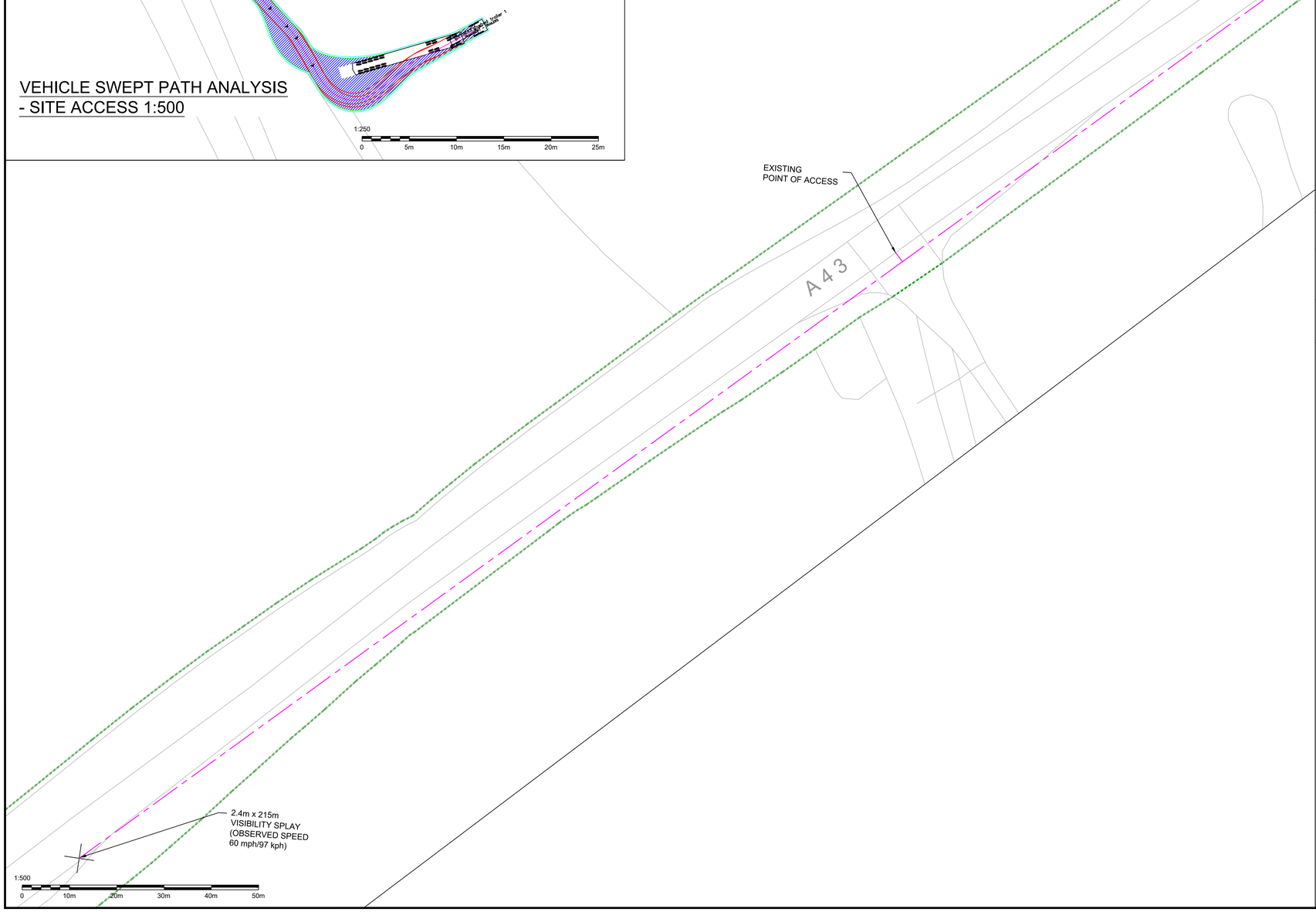
Drawing Title
CABLE ROUTE ACCESS 3
GENERAL ARRANGEMENT & VEHICLE TRACKING

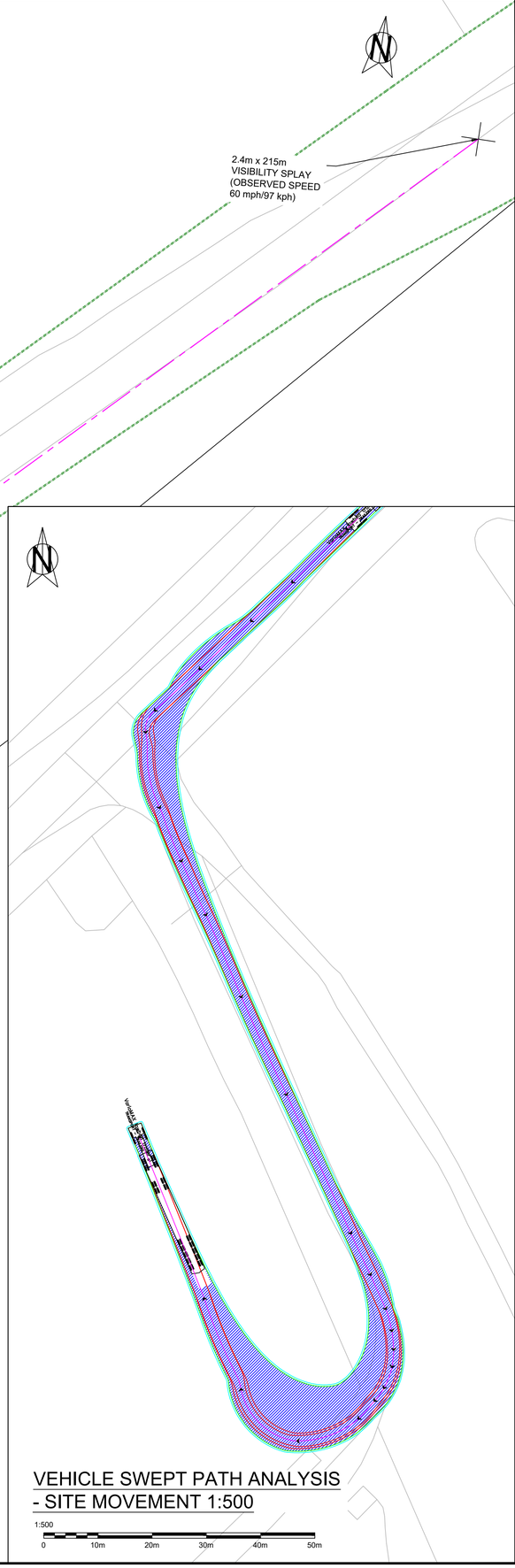
Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR3-DR-CH-0001	C

kmc
transport planning







NOTES:

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5. This drawing to be read & printed in colour.
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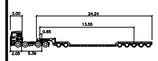
KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- ☐ CONCEPT
- ☐ CONSTRUCTION
- ■ PRELIMINARY
- ☐ AS BUILT
- ☐ TENDER
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

Project
GREEN HILL SOLAR FARM

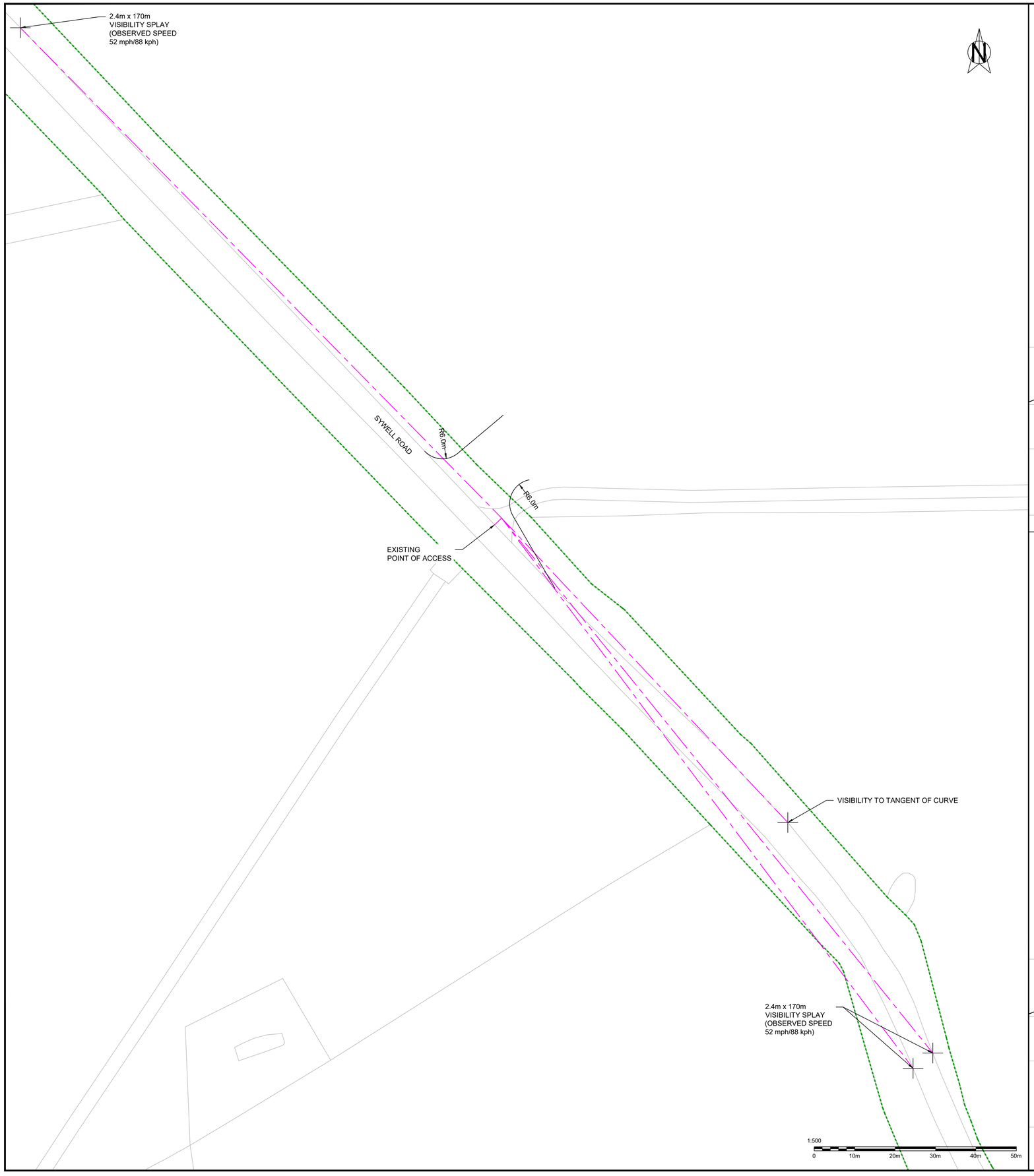
Drawing Title
CABLE ROUTE ACCESS 4
GENERAL ARRANGEMENT & VEHICLE TRACKING

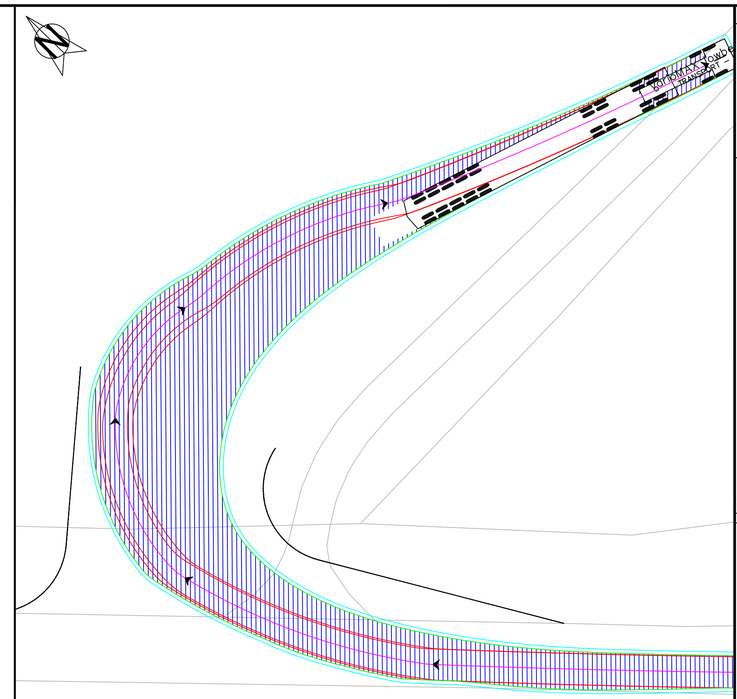
Scale @ A1	Drwn	Chkd
As shown	CS	OW
	Aprd	Date
	SM	MAR 2025

Drawing Ref
23061-KMC-XX-CR4-DR-CH-0001

Rev
C

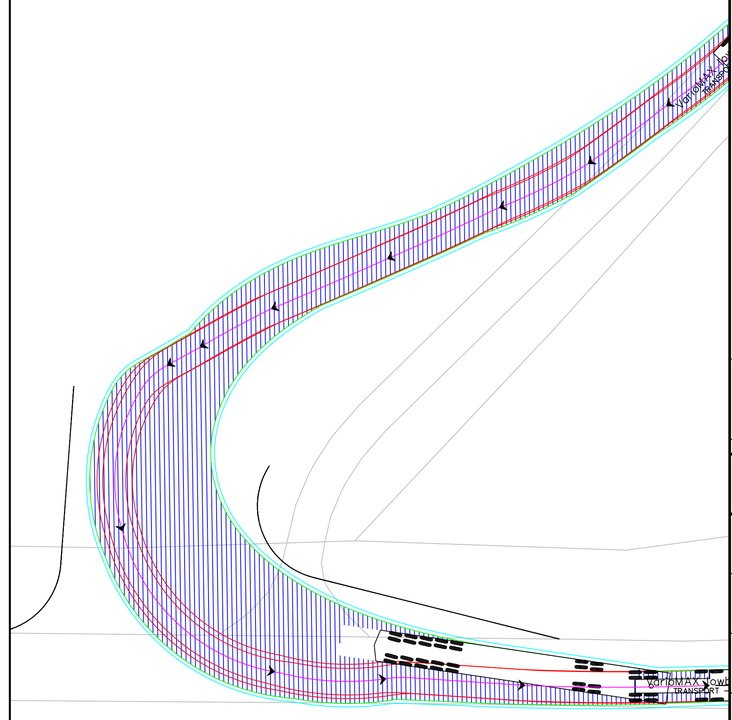
kmc
transport planning





VEHICLE SWEPT PATH ANALYSIS
- SITE ACCESS 1:250

1:250
0
5m
10m
15m
20m
25m



VEHICLE SWEPT PATH ANALYSIS
- SITE EGRESS 1:250

1:250
0
5m
10m
15m
20m
25m

NOTES:

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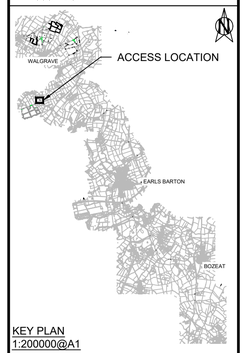


KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:

VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- [ ] CONCEPT
- [x] PRELIMINARY
- [ ] TENDER
- [ ] CONSTRUCTION
- [ ] AS BUILT
- [ ] H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

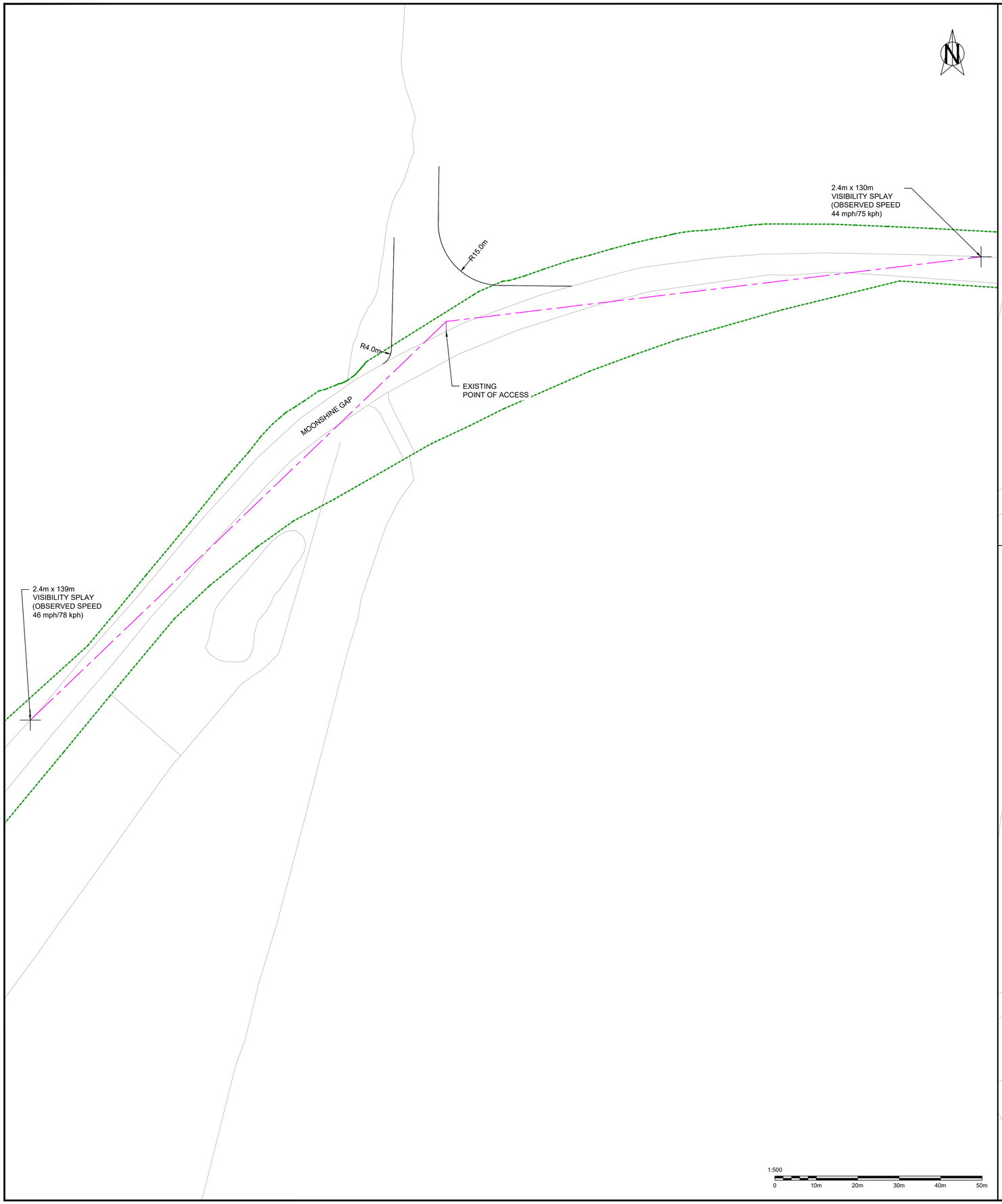
Project
GREEN HILL SOLAR FARM

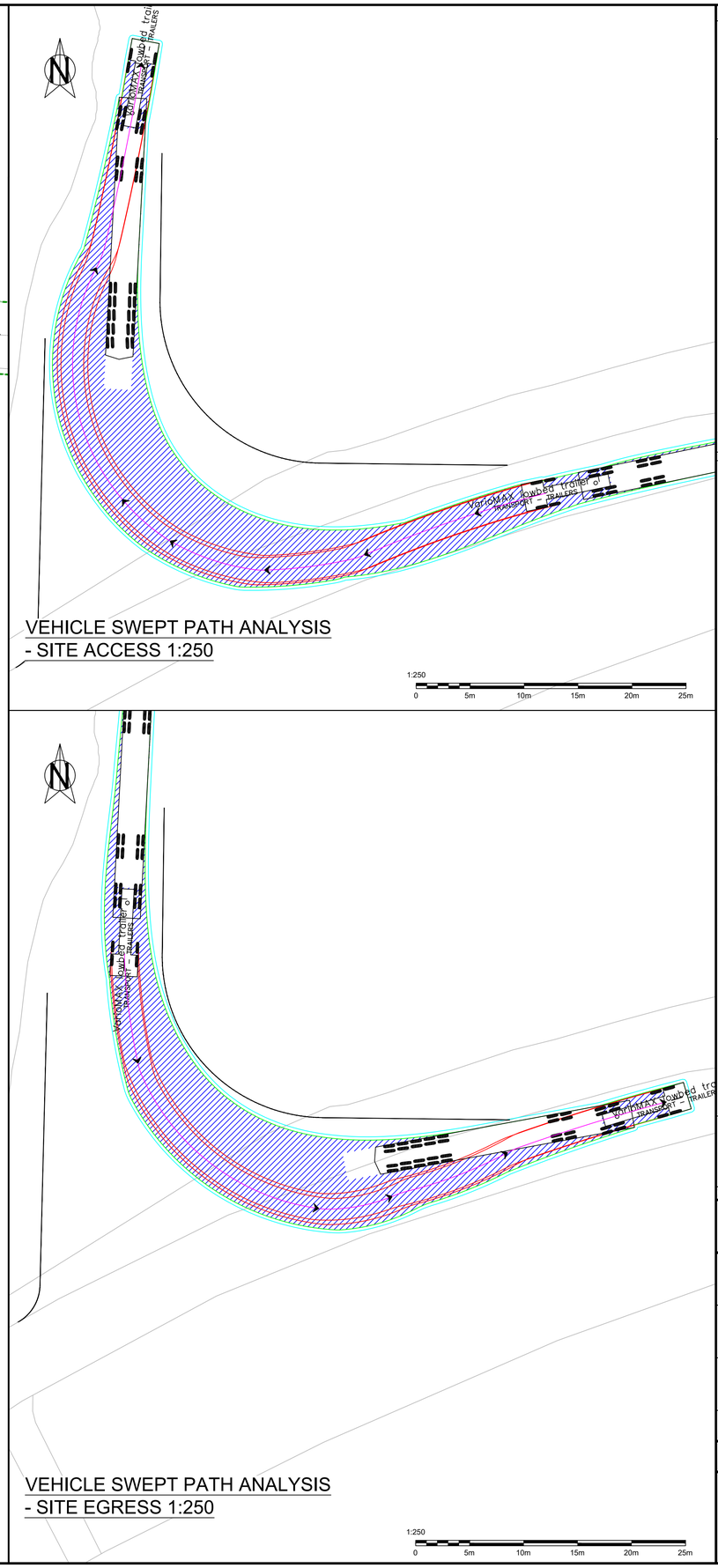
Drawing Title
CABLE ROUTE ACCESS 5
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR5-DR-CH-0001	C

kmc transport planning





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5. This drawing to be read & printed in colour.
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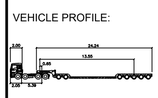
KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m
meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary issue	CS	LF	SM

Issue Status

- ☐ CONCEPT
- ■ PRELIMINARY
- ☐ TENDER
- ☐ CONSTRUCTION
- ☐ AS BUILT
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

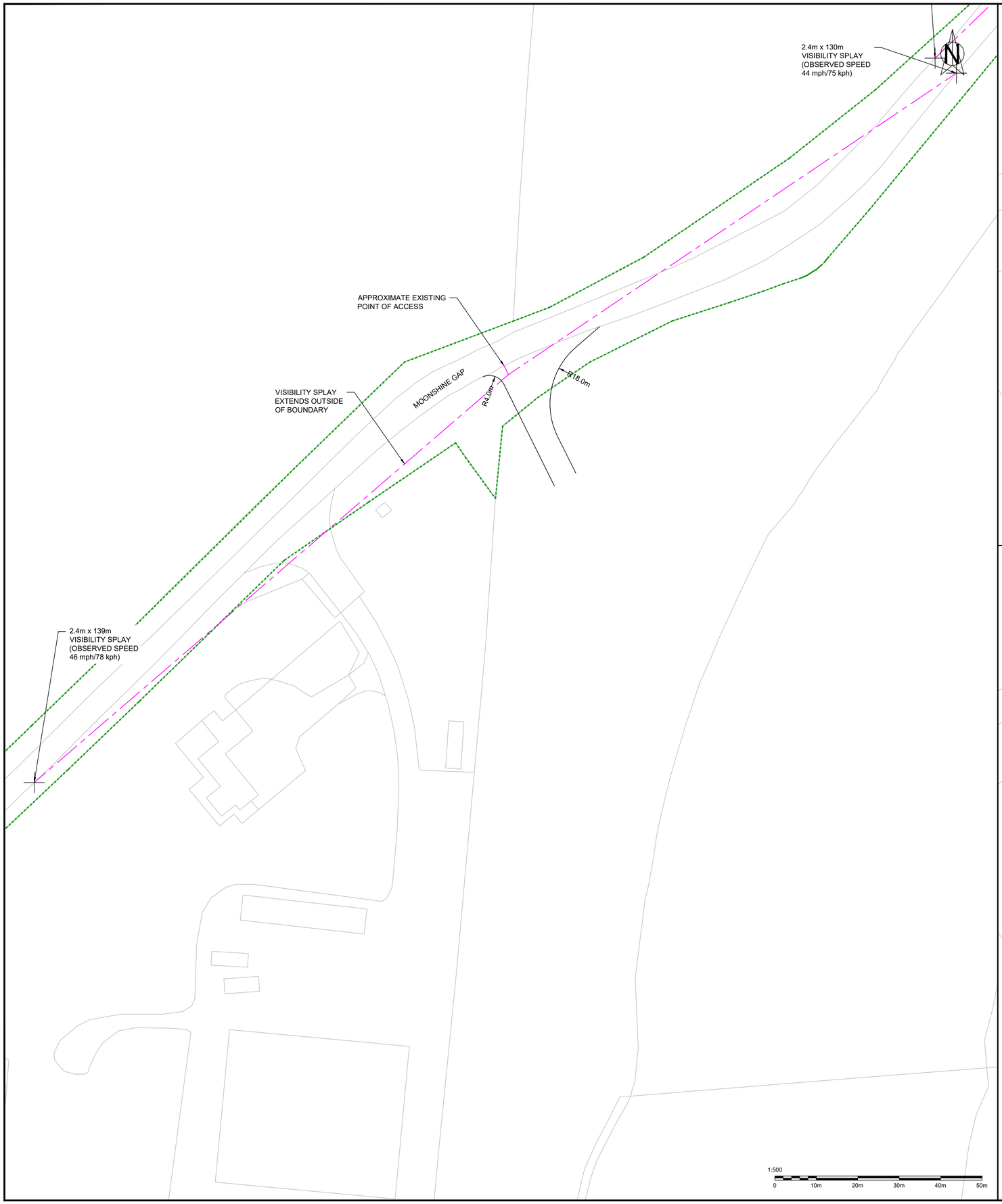
Project
GREEN HILL SOLAR FARM

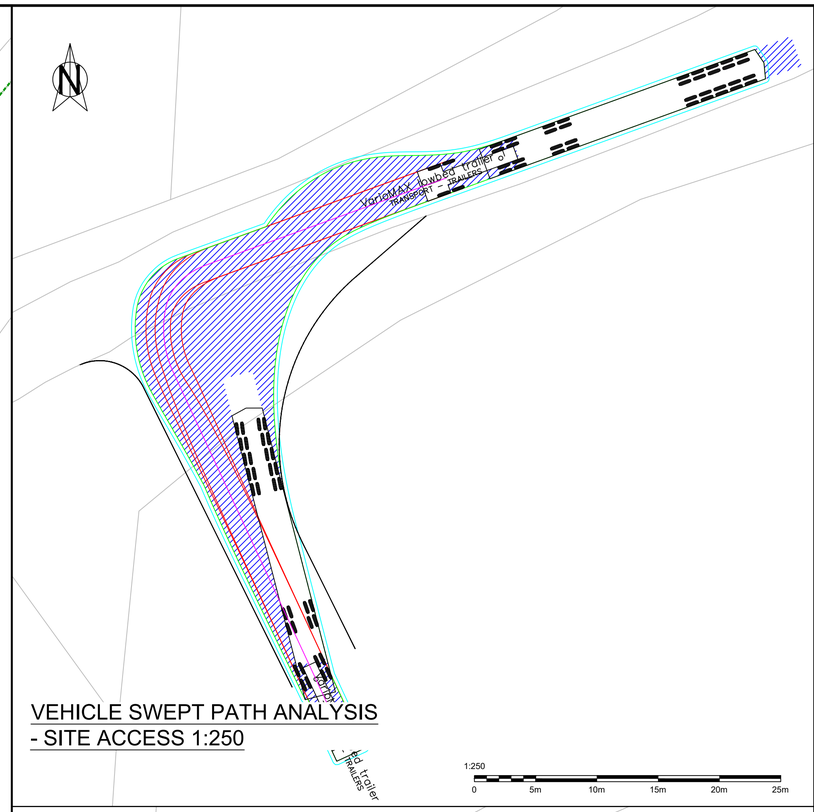
Drawing Title
CABLE ROUTE ACCESS 6
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	APR 2025

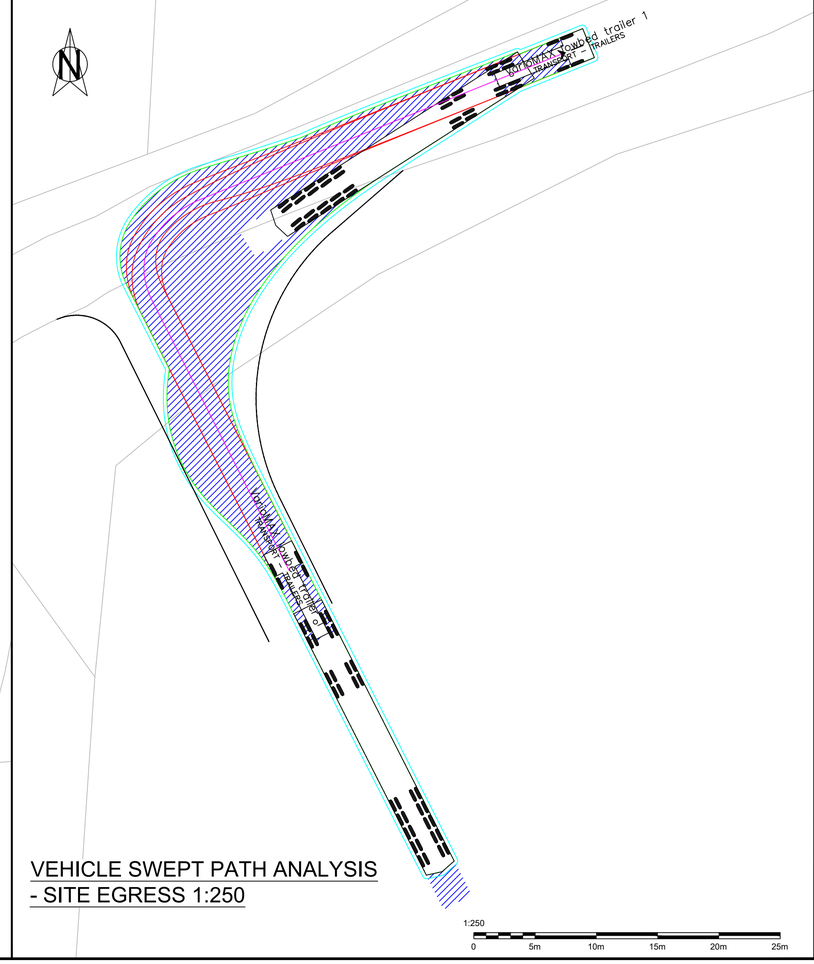
Drawing Ref	Rev
23061-KMC-XX-CR6-DR-CH-0001	C

kmc
transport planning





VEHICLE SWEPT PATH ANALYSIS
- SITE ACCESS 1:250



VEHICLE SWEPT PATH ANALYSIS
- SITE EGRESS 1:250

NOTES:

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KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:

VARIO-MAX LOWBED - 29.63m
meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
B	19.05.2025	Boundary removed	CS	OW	SM
A	10.04.2025	Preliminary issue	CS	OW	SM

Issue Status

- ☐ CONCEPT
- ■ PRELIMINARY
- ☐ TENDER
- ☐ CONSTRUCTION
- ☐ AS BUILT
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

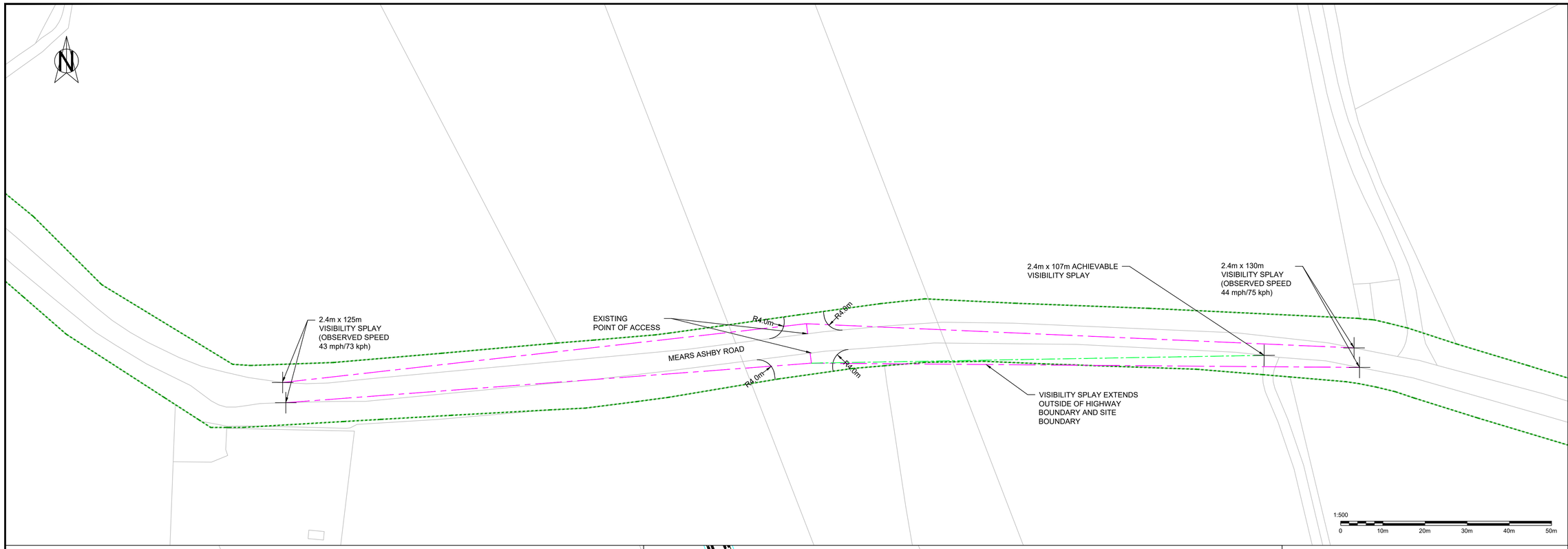
Project
GREEN HILL SOLAR FARM

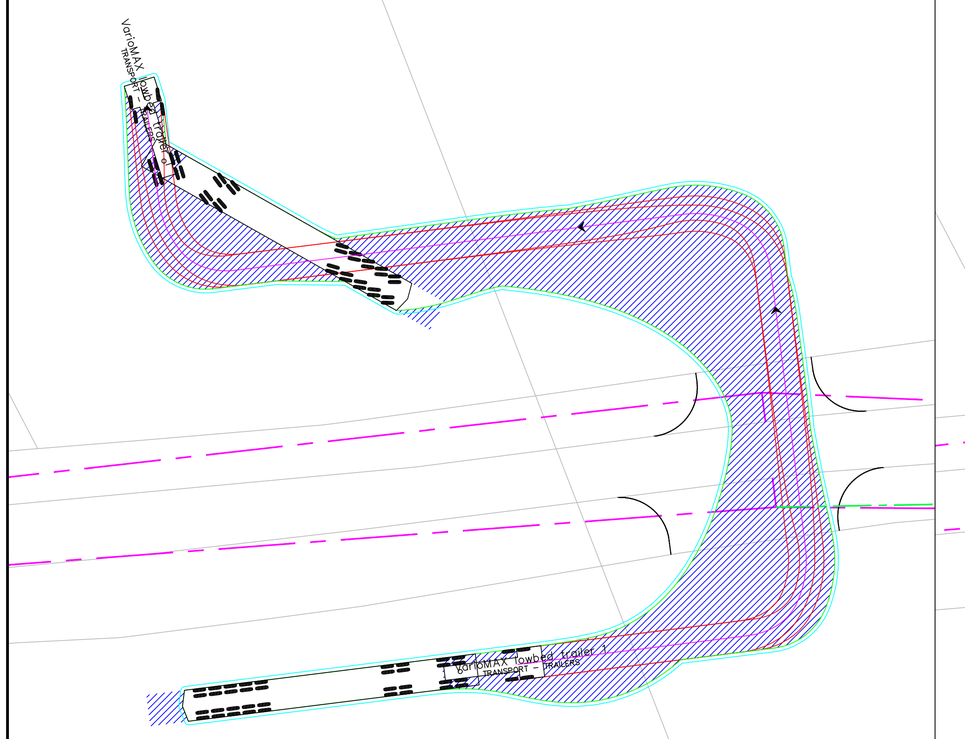
Drawing Title
CABLE ROUTE ACCESS 7
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	APR 2025

Drawing Ref	Rev
23061-KMC-XX-CR7-DR-CH-0001	B

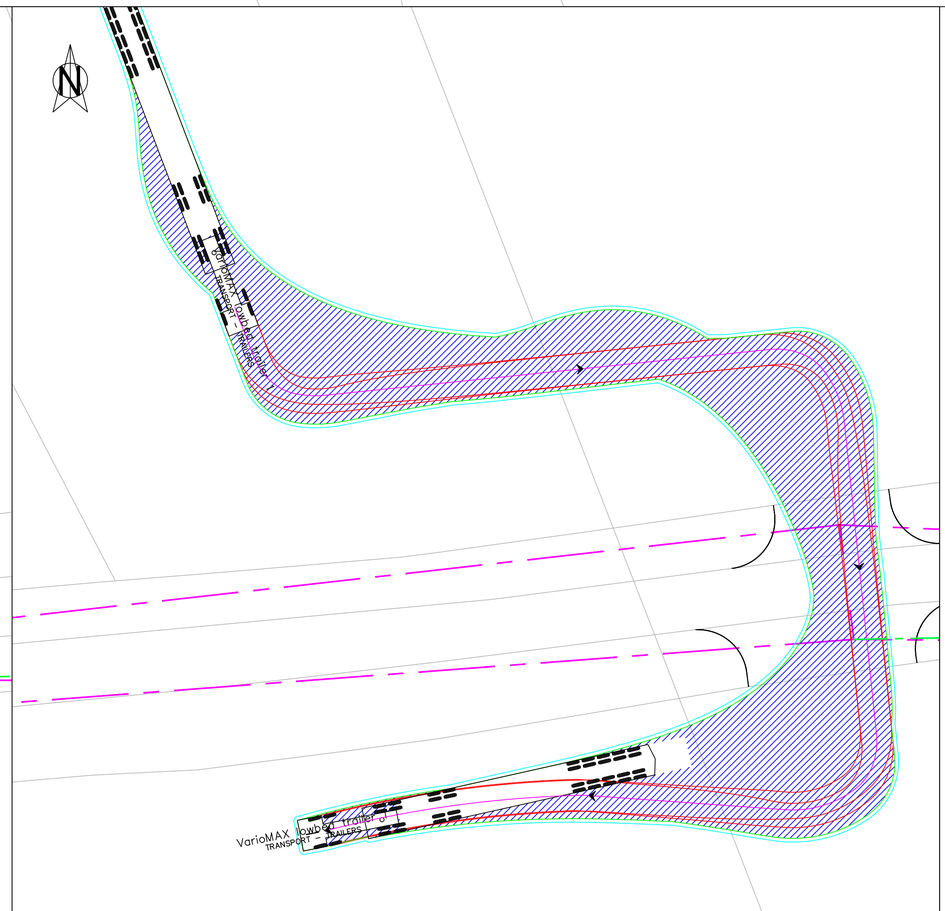
kmc
transport planning





VEHICLE SWEPT PATH ANALYSIS
- SITE NORTH 1:250

1:250
0
5m
10m
15m
20m
25m



VEHICLE SWEPT PATH ANALYSIS
- SITE SOUTH 1:250

1:250
0
5m
10m
15m
20m
25m

NOTES:

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5. This drawing to be read & printed in colour.
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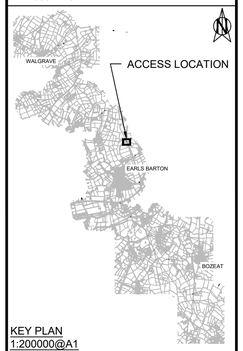
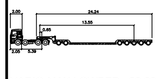


KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m
meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Achievable splay added	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	10.04.2025	Preliminary Issue	CS	OW	SM

Issue Status

- ☐ CONCEPT
- ■ PRELIMINARY
- ☐ TENDER
- ☐ CONSTRUCTION
- ☐ AS BUILT
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

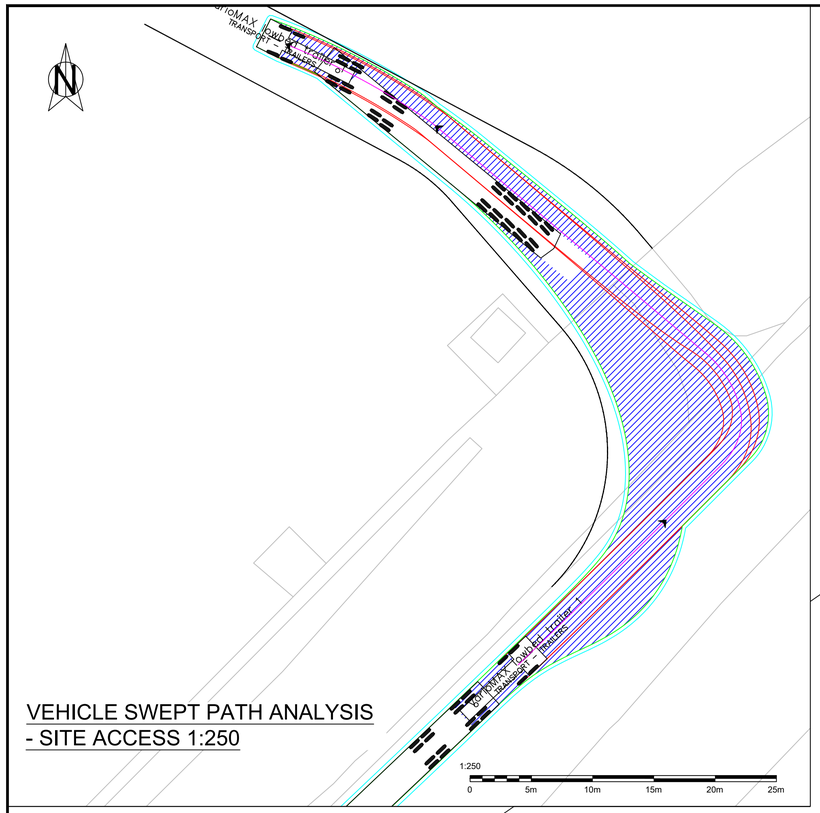
Project
GREEN HILL SOLAR FARM

Drawing Title
CABLE ROUTE ACCESS 8 & 9
GENERAL ARRANGEMENT & VEHICLE TRACKING

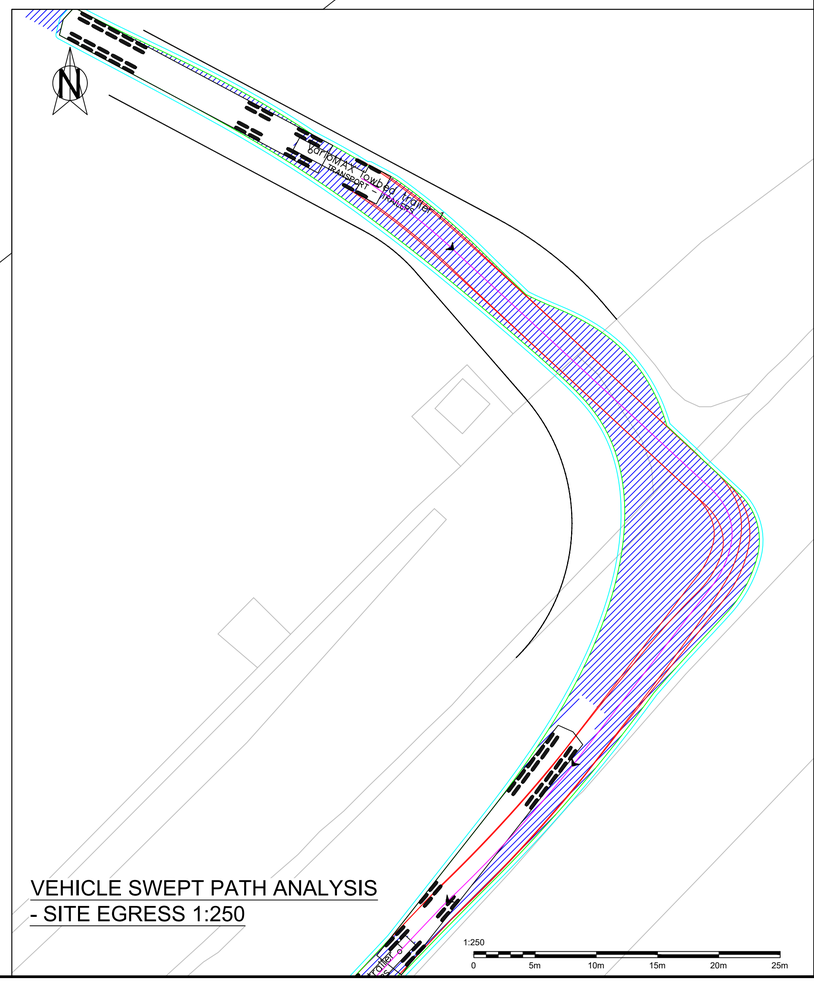
Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	APR 2025

Drawing Ref	Rev
23061-KMC-XX-CR8-9-DR-CH-0001	C

kmc
transport planning



VEHICLE SWEPT PATH ANALYSIS
- SITE ACCESS 1:250



VEHICLE SWEPT PATH ANALYSIS
- SITE EGRESS 1:250

NOTES:

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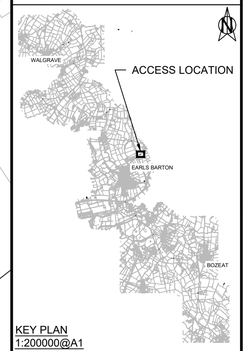


KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.6 EXISTING CONTOURS

VEHICLE PROFILE:

VARIO-MAX LOWBED - 29.63m
meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- ☐ CONCEPT
- ☐ CONSTRUCTION
- ■ PRELIMINARY
- ☐ AS BUILT
- ☐ TENDER
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

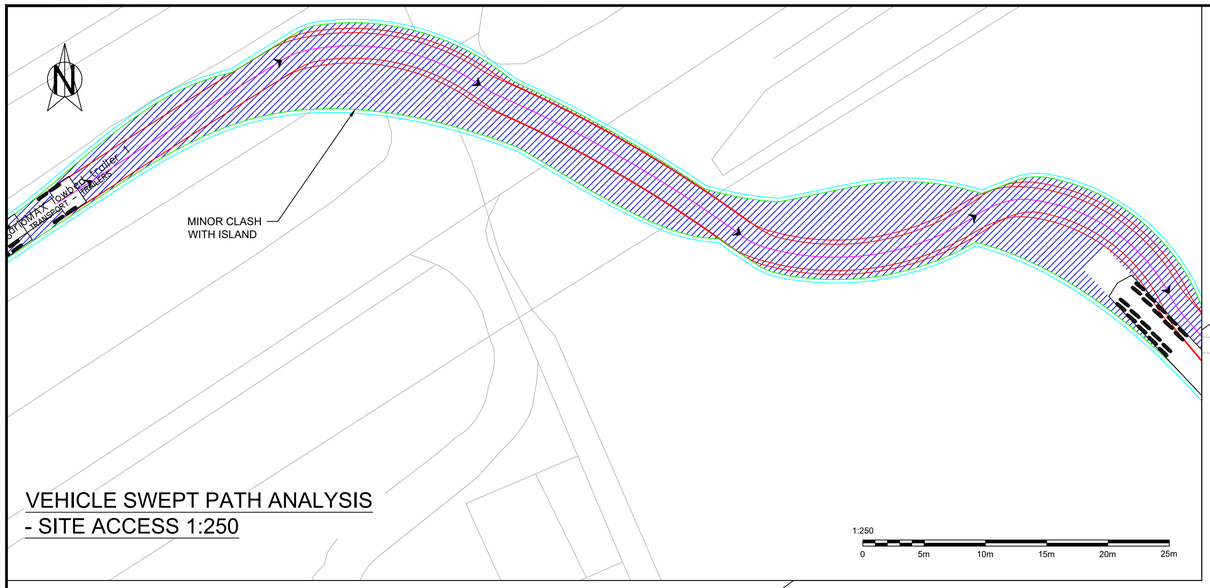
Project
GREEN HILL SOLAR FARM

Drawing Title
CABLE ROUTE ACCESS 10
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR10-DR-CH-0001	C

kmc
transport planning

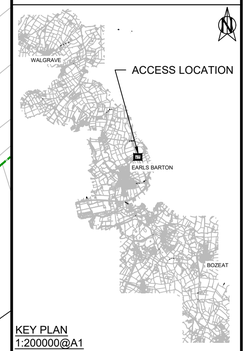


VEHICLE SWEPT PATH ANALYSIS - SITE ACCESS 1:250

VEHICLE SWEPT PATH ANALYSIS - SITE EGRESS 1:250

NOTES:

1. (C) This drawing is copyright.
2. All dimensions to be checked on site.
3. Do not scale from this drawing; only figured dimensions are to be worked from.
4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.
6. Ordnance Survey, (c) Crown Copyright 2024. All rights reserved. Licence number 100022432.

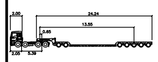


KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m meters		
TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- [ ] CONCEPT
- [ ] CONSTRUCTION
- [x] PRELIMINARY
- [ ] AS BUILT
- [ ] TENDER
- [ ] H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

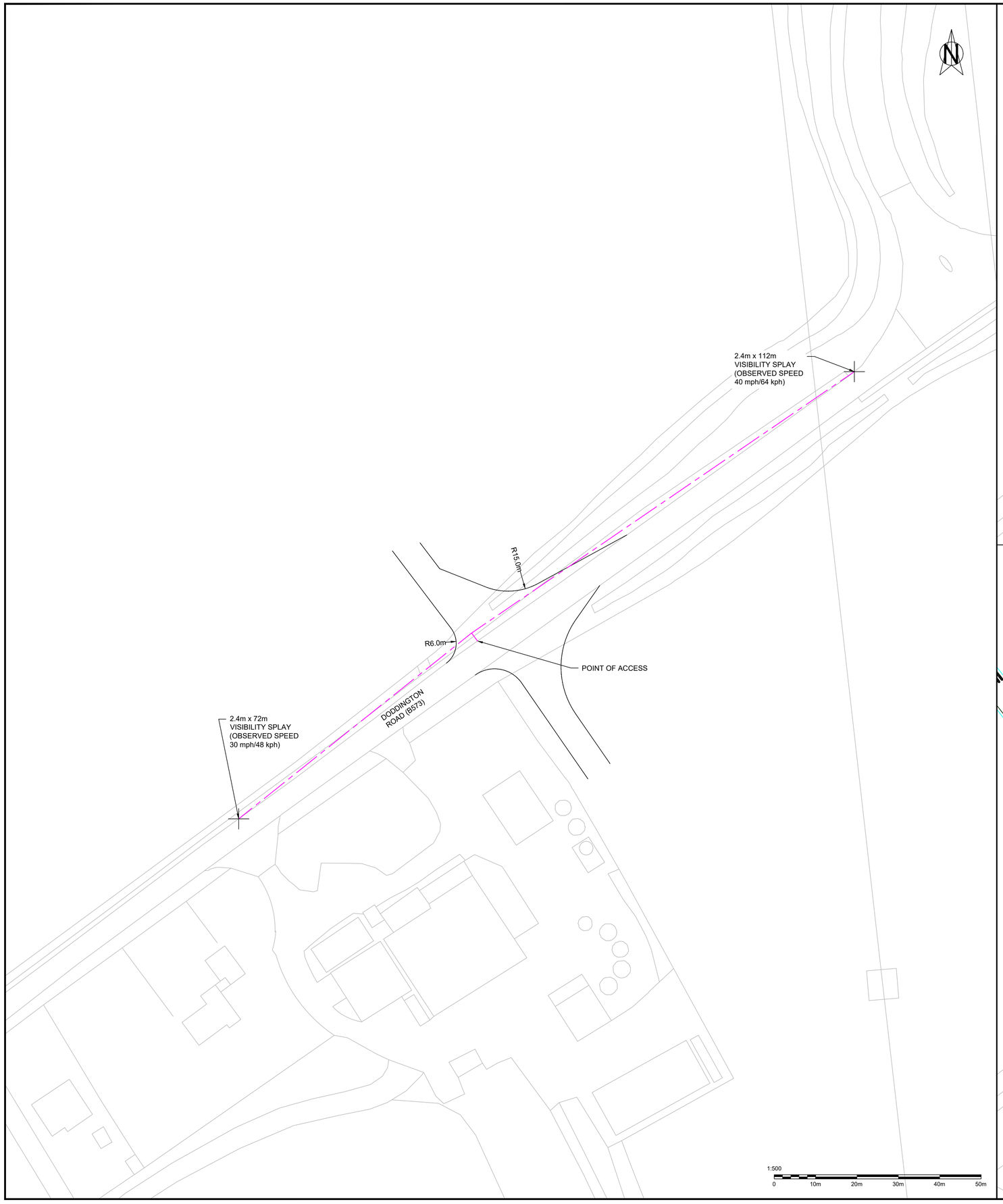
Project
GREEN HILL SOLAR FARM

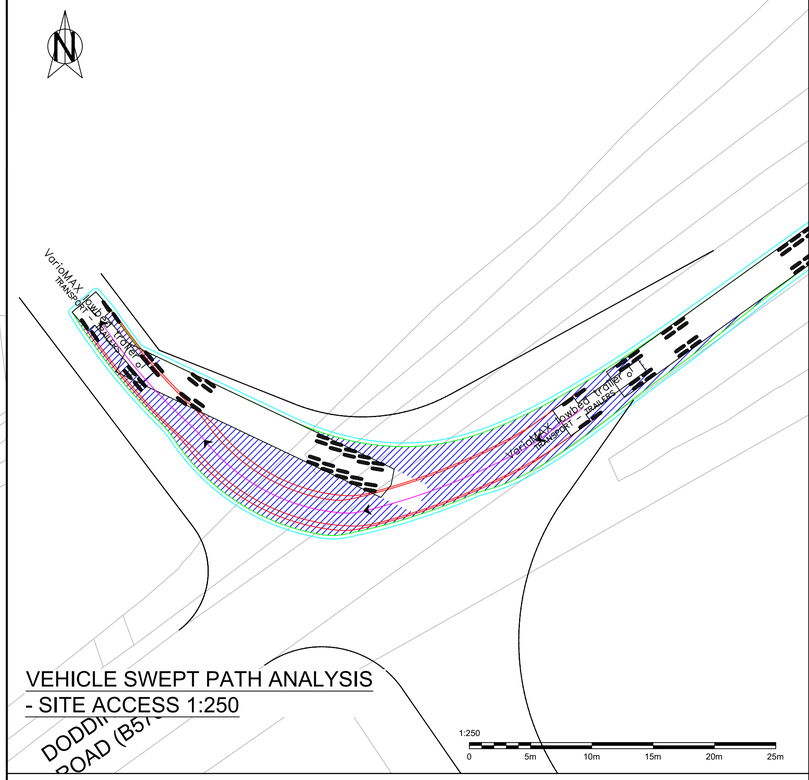
Drawing Title
CABLE ROUTE ACCESS 11
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	MAR 2025

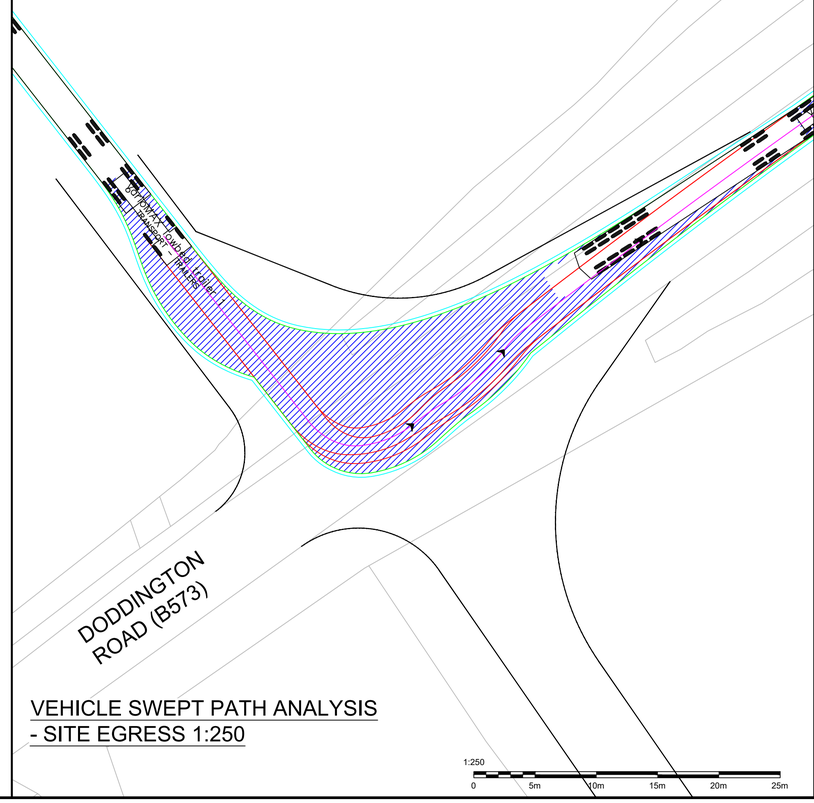
Drawing Ref	Rev
23061-KMC-XX-CR11-DR-CH-0001	C

kmc transport planning





VEHICLE SWEPT PATH ANALYSIS
- SITE ACCESS 1:250



VEHICLE SWEPT PATH ANALYSIS
- SITE EGRESS 1:250

NOTES:

1. (C) This drawing is copyright.
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3. Do not scale from this drawing; only figured dimensions are to be worked from.
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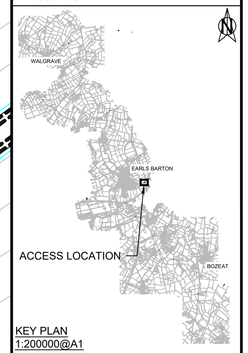
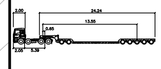


KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.6 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- [ ] CONCEPT
- [x] PRELIMINARY
- [ ] TENDER
- [ ] CONSTRUCTION
- [ ] AS BUILT
- [ ] H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

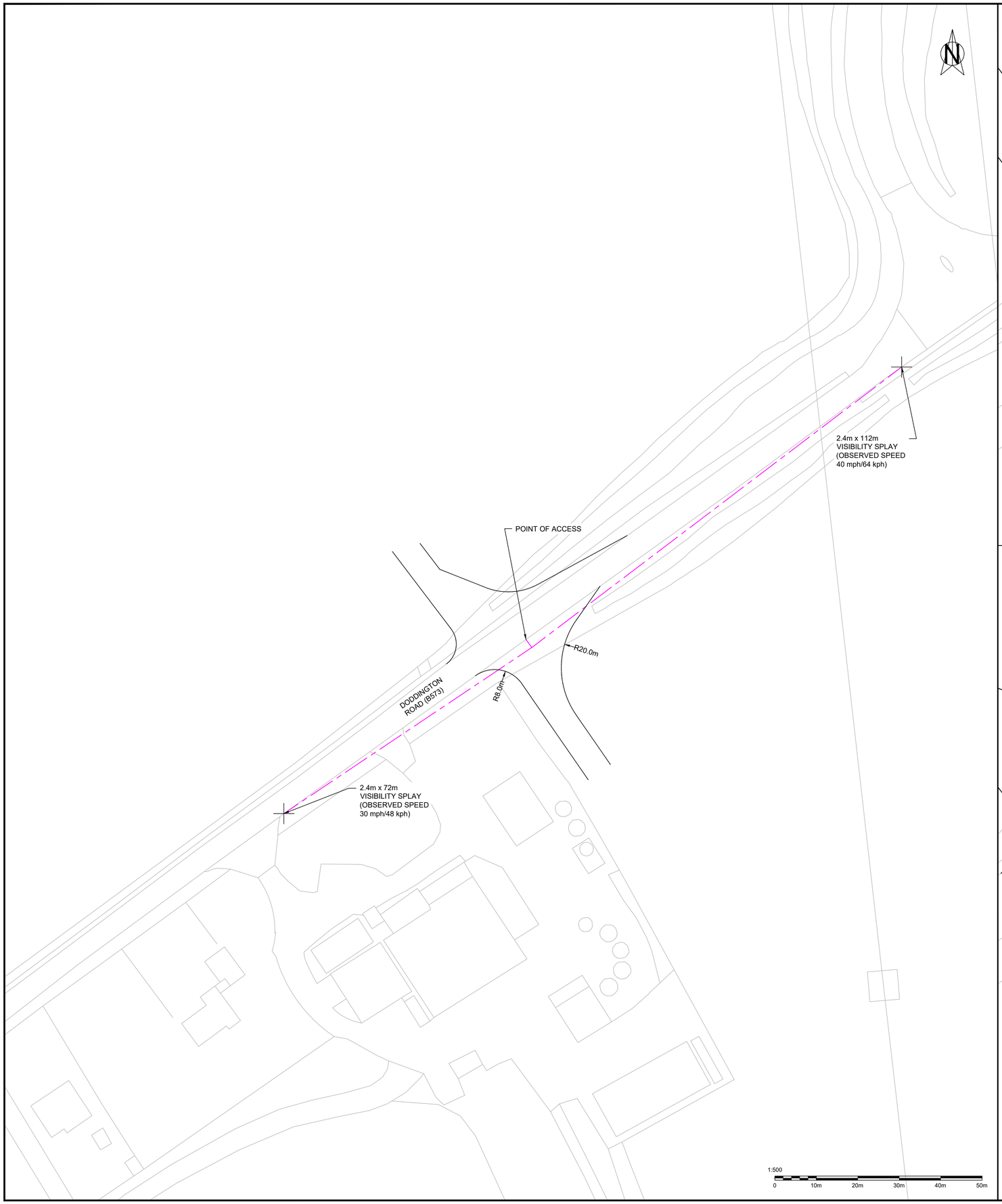
Project
GREEN HILL SOLAR FARM

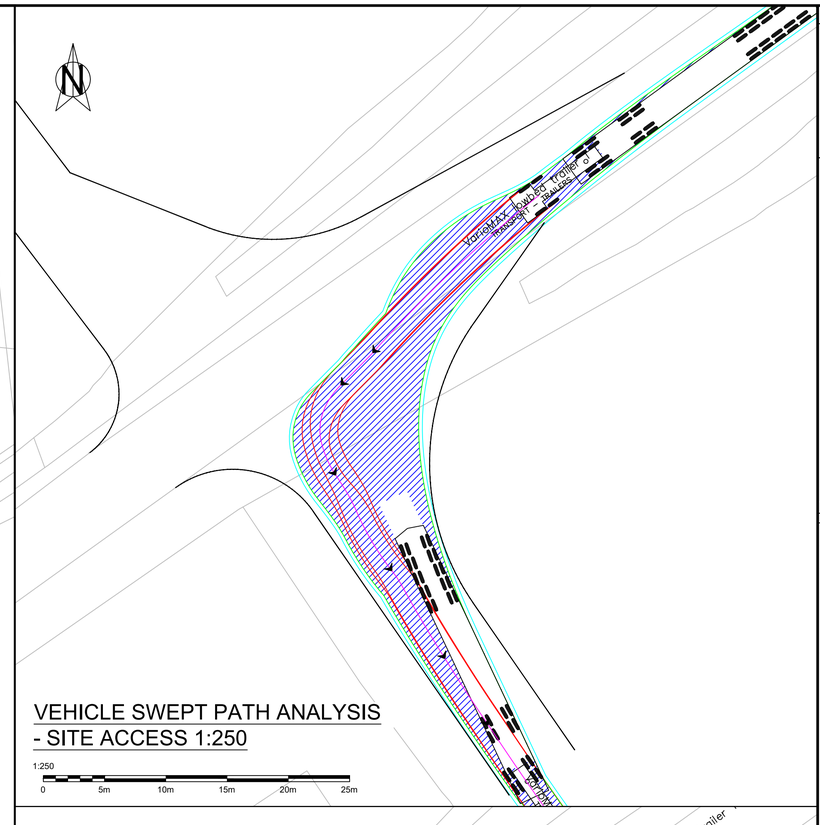
Drawing Title
CABLE ROUTE ACCESS 12
GENERAL ARRANGEMENT & VEHICLE TRACKING

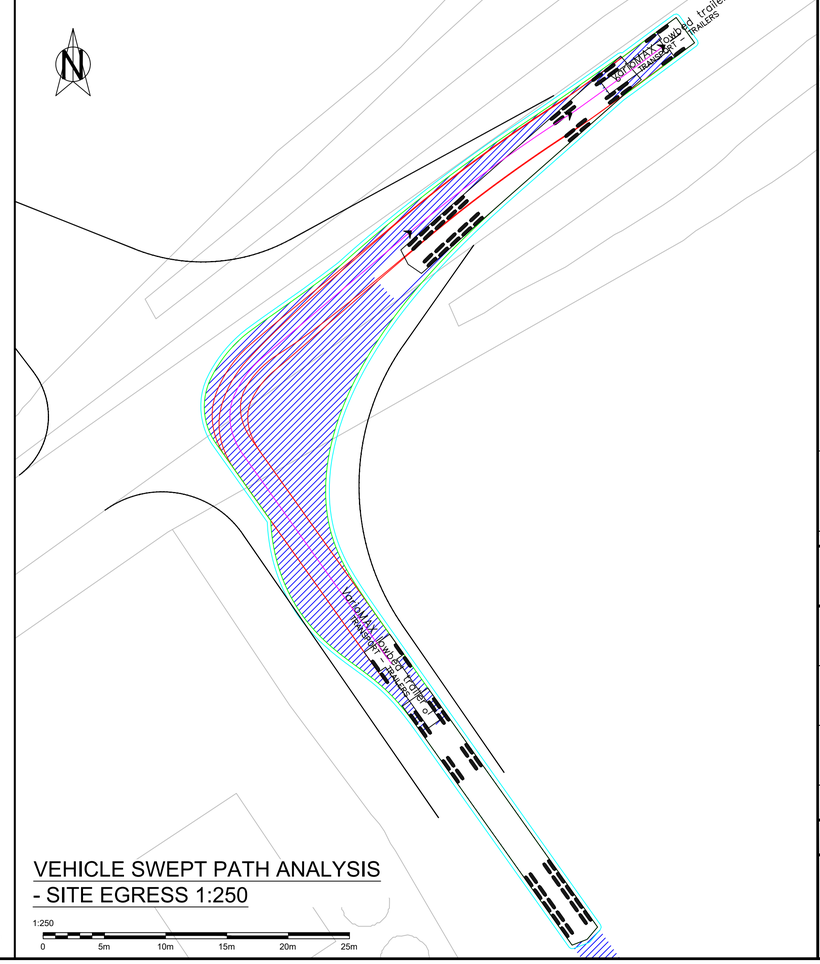
Scale @ A1	Drwn	Chkd
As shown	CS	OW
	Aprd: SM	Date: MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR12-DR-CH-0001	C

kmc transport planning







NOTES:

1. (C) This drawing is copyright.
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5. This drawing to be read & printed in colour.
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KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:

VARIO-MAX LOWBED - 29.63m
meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary issue	CS	LF	SM

Issue Status

- [ ] CONCEPT
- [x] PRELIMINARY
- [ ] TENDER
- [ ] CONSTRUCTION
- [ ] AS BUILT
- [ ] H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

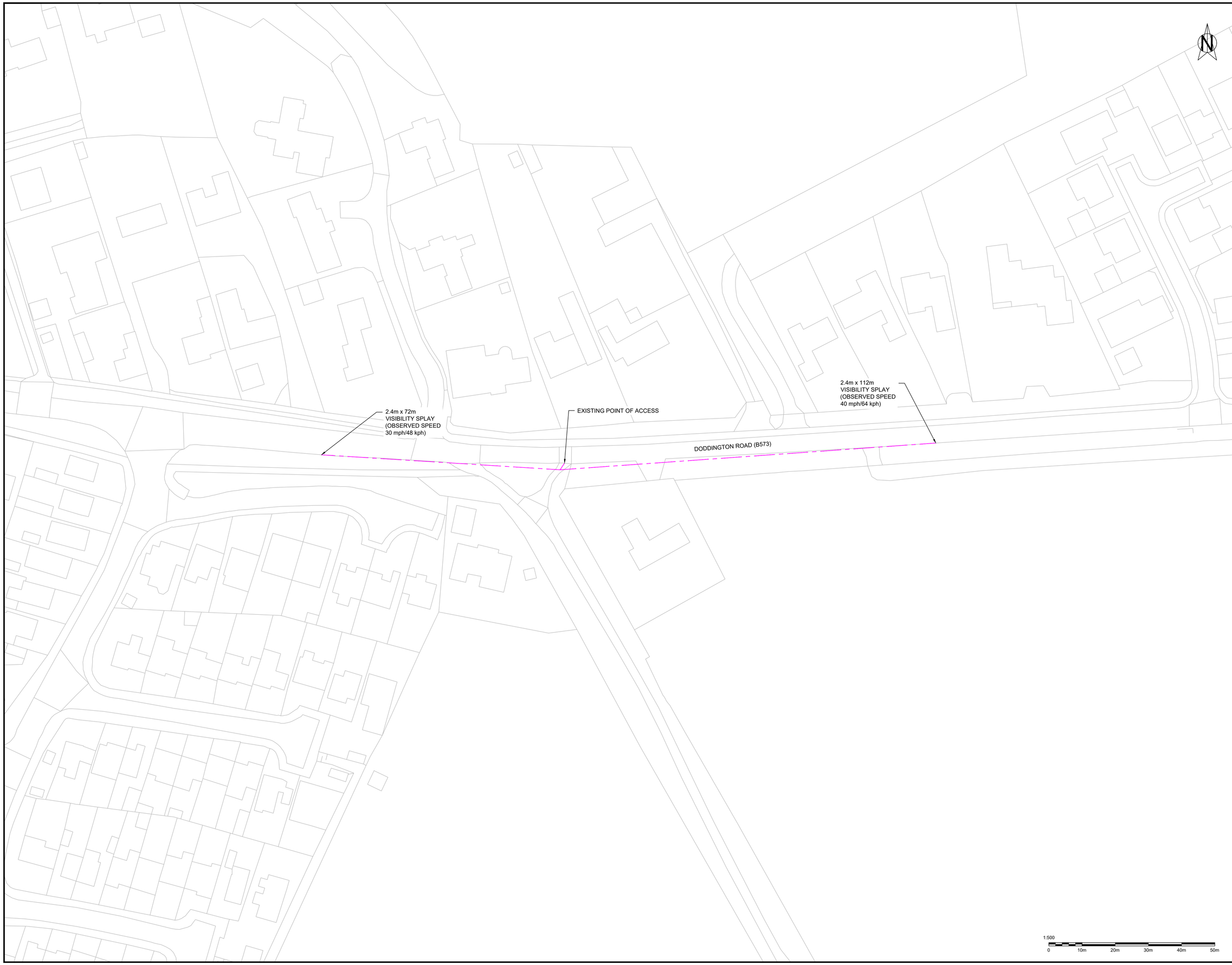
Project
GREEN HILL SOLAR FARM

Drawing Title
CABLE ROUTE ACCESS 13
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR13-DR-CH-0001	C

kmc
transport planning



NOTES:

1. (C) This drawing is copyright.
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4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.
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KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

1:500
0 10m 20m 30m 40m 50m

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Tracking removed, Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status
- [ ] CONCEPT
- [x] PRELIMINARY
- [ ] TENDER
- [ ] CONSTRUCTION
- [ ] AS BUILT
- [ ] H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

Project
GREEN HILL SOLAR FARM

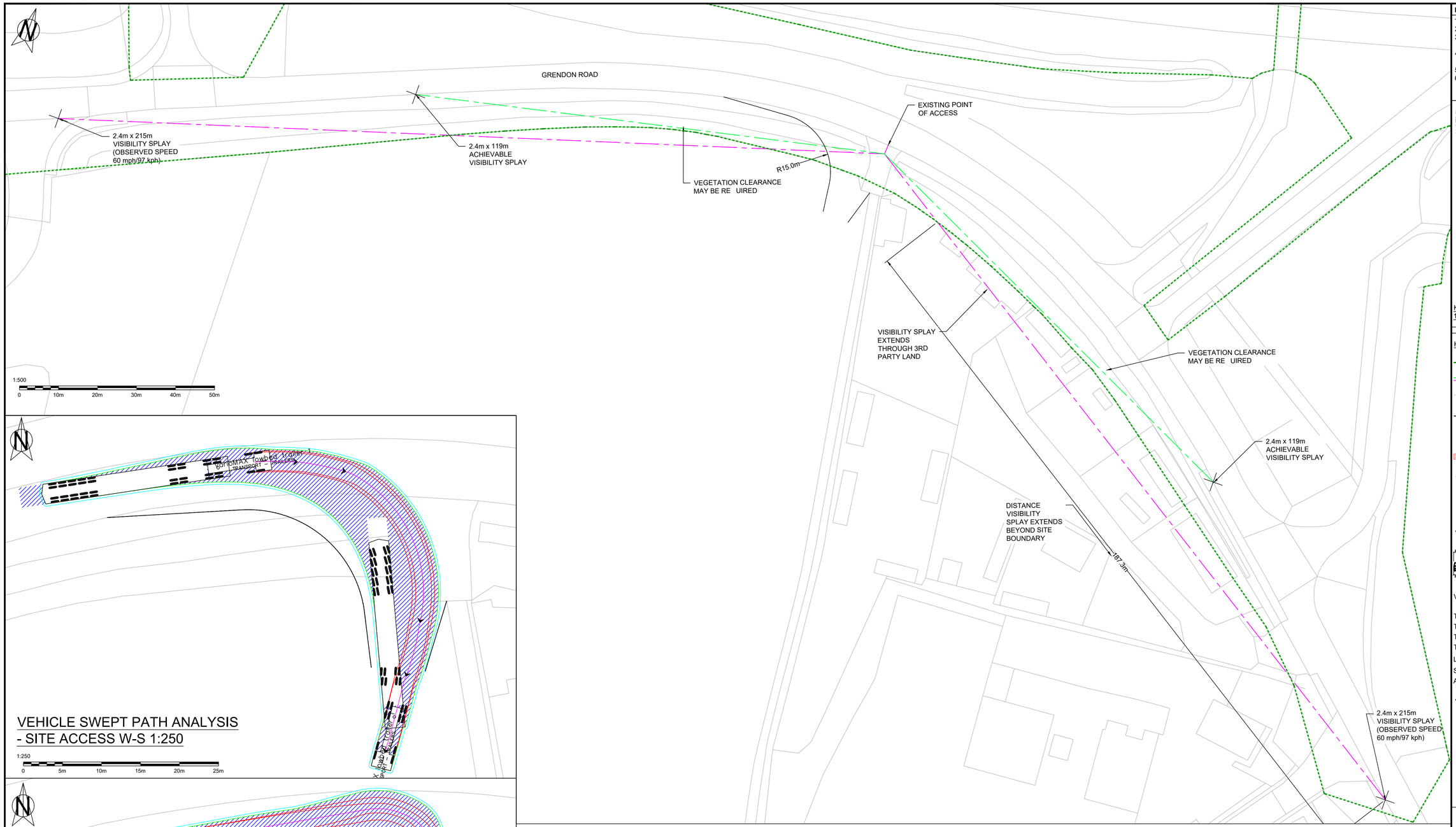
Drawing Title
CABLE ROUTE ACCESS 14
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	Chkd
As shown	CS	OW
	Aprd SM	Date MAR 2025

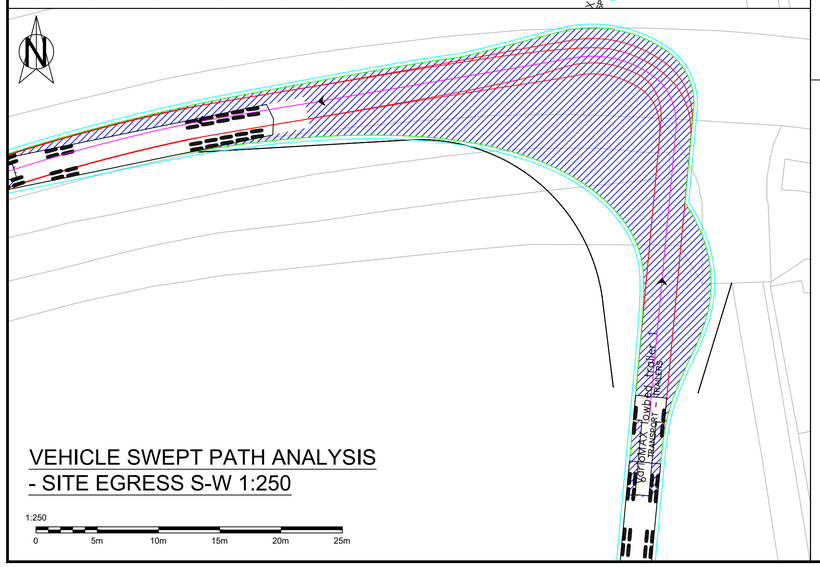
Drawing Ref
23061-KMC-XX-CR14-DR-CH-0001

Rev
C

kmc
transport planning



VEHICLE SWEPT PATH ANALYSIS - SITE ACCESS W-S 1:250



VEHICLE SWEPT PATH ANALYSIS - SITE EGRESS S-W 1:250

NOTES:

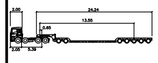
1. (C) This drawing is copyright.
2. All dimensions to be checked on site.
3. Do not scale from this drawing; only figured dimensions are to be worked from.
4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.
6. Ordnance Survey, (c) Crown Copyright 2024. All rights reserved. Licence number 100022432.

KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Tracking updated and location plan updated.	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- ☐ CONCEPT
- ☐ CONSTRUCTION
- ■ PRELIMINARY
- ☐ AS BUILT
- ☐ TENDER
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

Project
GREEN HILL SOLAR FARM

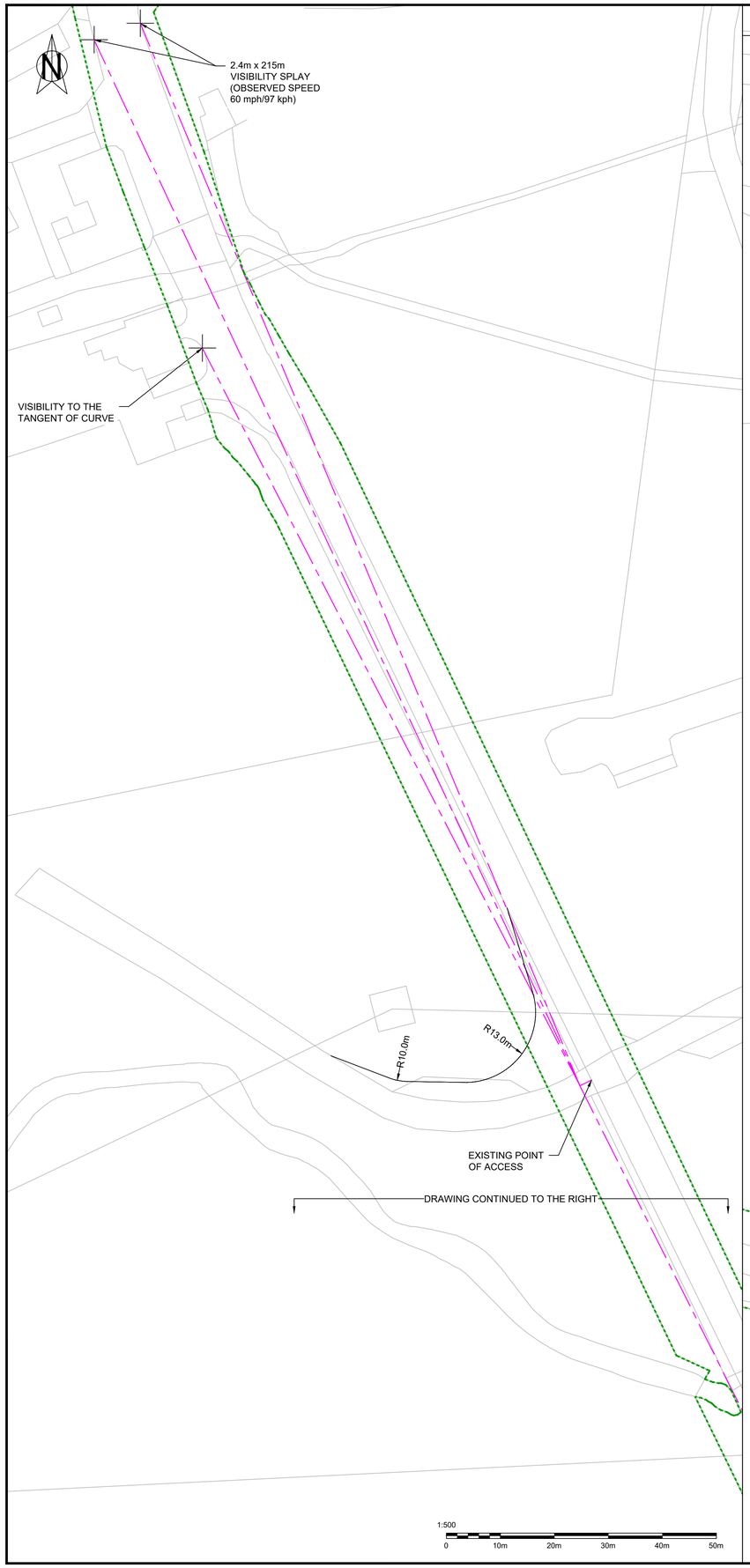
Drawing Title
CABLE ROUTE ACCESS 15
GENERAL ARRANGEMENT & VEHICLE TRACKING

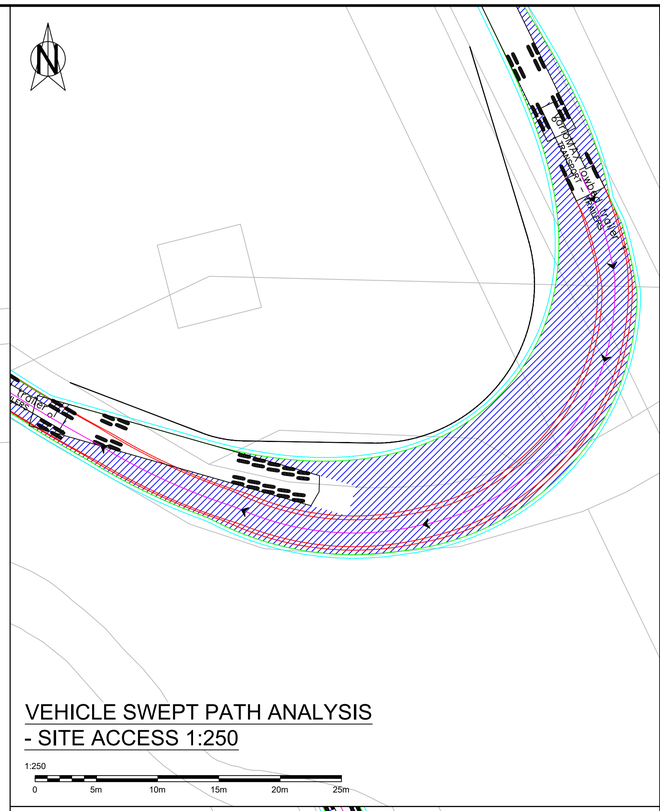
Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	APR 2025

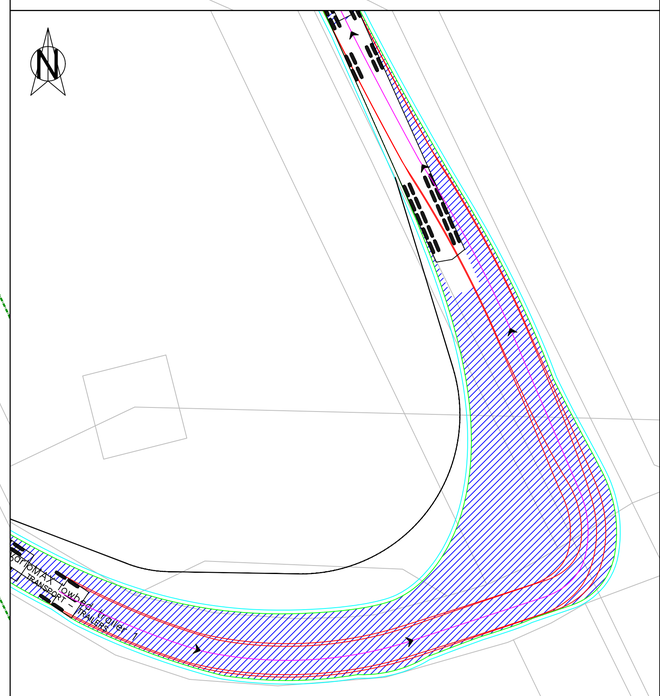
Drawing Ref
23061-KMC-XX-CR15-DR-CH-0001

Rev
C

kmc
transport planning







NOTES:

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2. All dimensions to be checked on site.
3. Do not scale from this drawing; only figured dimensions are to be worked from.
4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.
6. Ordnance Survey, (c) Crown Copyright 2024. All rights reserved. Licence number 100022432.

KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.6 EXISTING CONTOURS

VEHICLE PROFILE:

VARIO-MAX LOWBED - 29.63m

		meters
TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- ☐ CONCEPT
- ☐ CONSTRUCTION
- ■ PRELIMINARY
- ☐ AS BUILT
- ☐ TENDER
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

Project
GREEN HILL SOLAR FARM

Drawing Title
CABLE ROUTE ACCESS 16
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR16-DR-CH-0001	C

kmc
transport planning

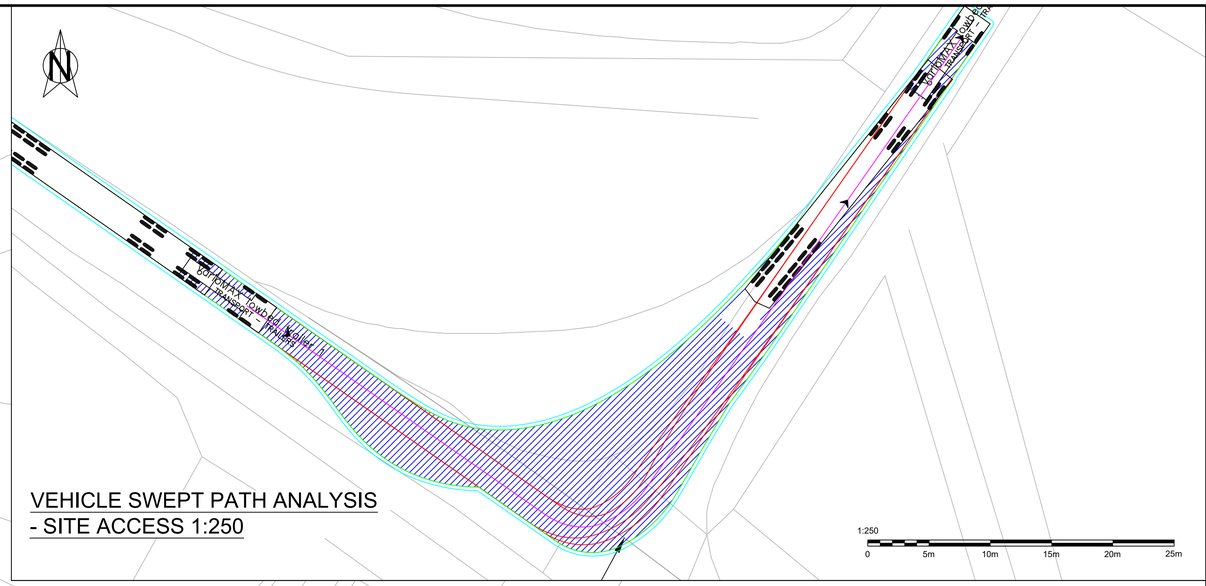
2.4m x 203m
VISIBILITY SPLAY
(OBSERVED SPEED
58 mph/97 kph)

EXISTING POINT OF ACCESS

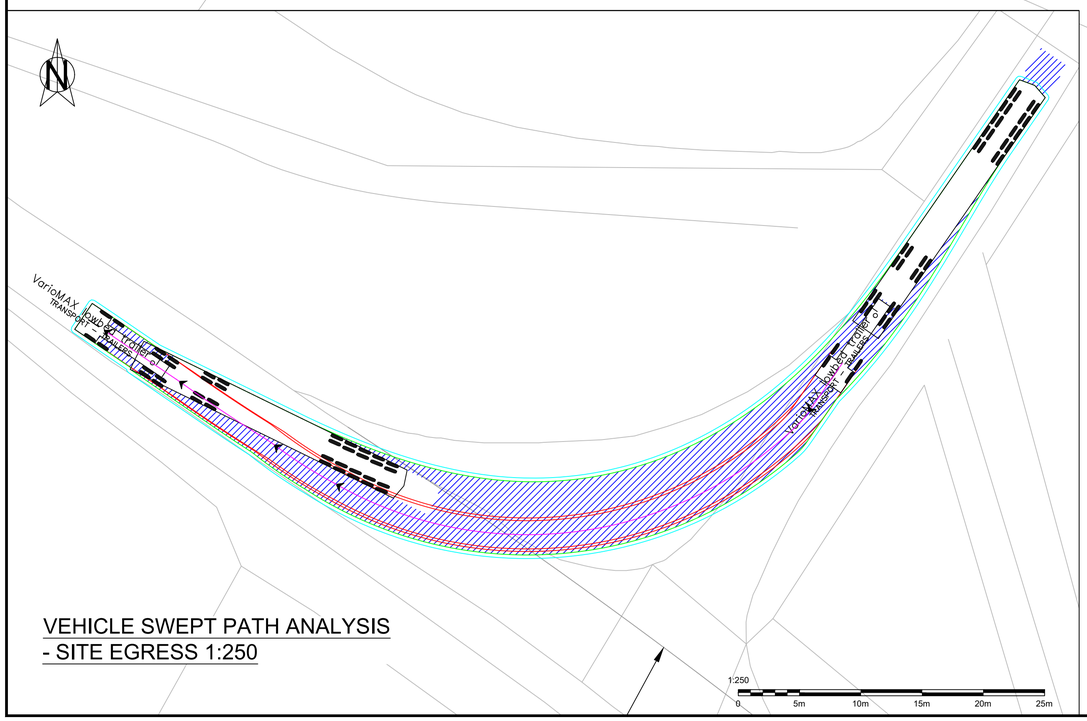
STATION ROAD

2.4m x 192m
VISIBILITY SPLAY
(OBSERVED SPEED
56 mph/94 kph)

1:500
0 10m 20m 30m 40m 50m



VEHICLE SWEPT PATH ANALYSIS
- SITE ACCESS 1:250



VEHICLE SWEPT PATH ANALYSIS
- SITE EGRESS 1:250

NOTES:

1. (C) This drawing is copyright.
2. All dimensions to be checked on site.
3. Do not scale from this drawing; only figured dimensions are to be worked from.
4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.
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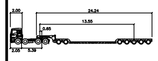
KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status
- ☐ CONCEPT
- ☐ CONSTRUCTION
- ■ PRELIMINARY
- ☐ AS BUILT
- ☐ TENDER
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

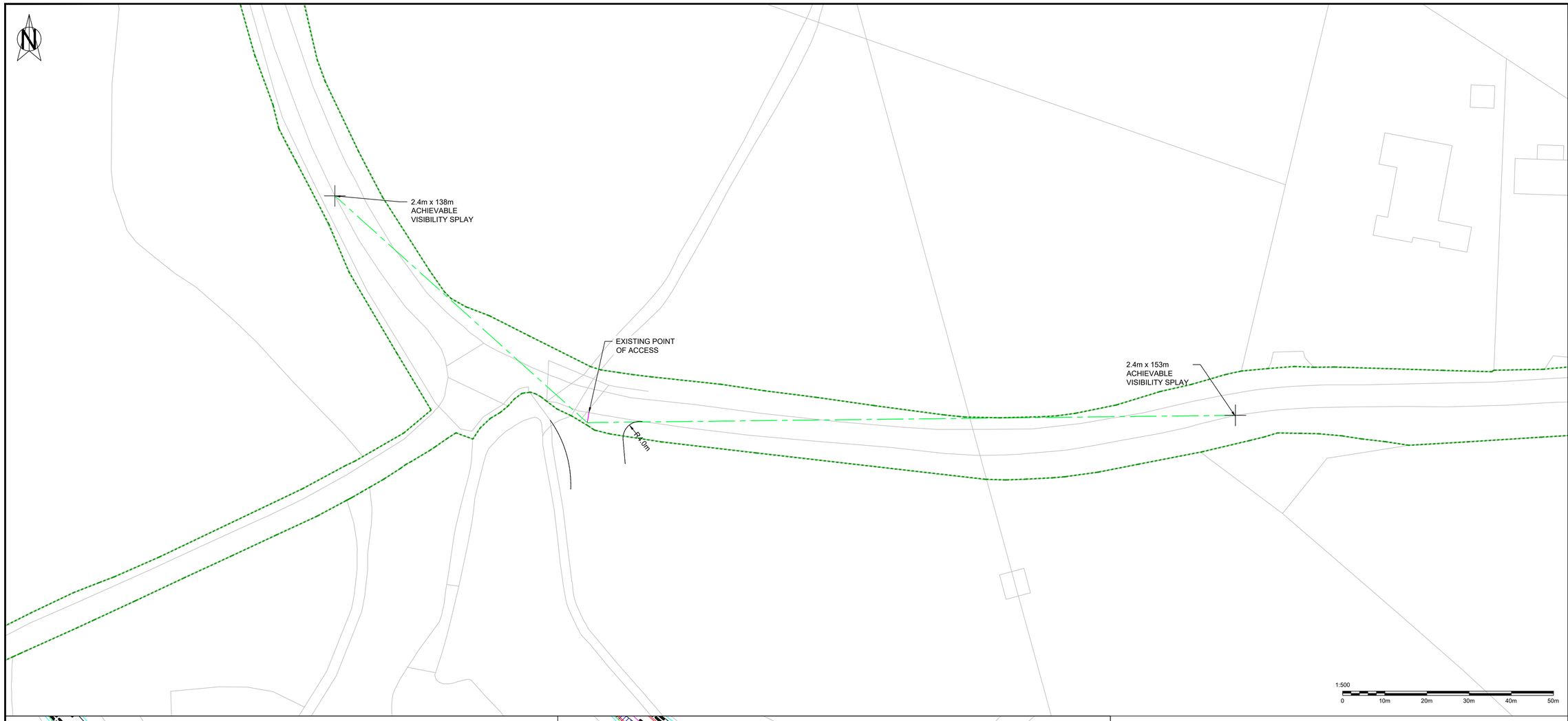
Project
GREEN HILL SOLAR FARM

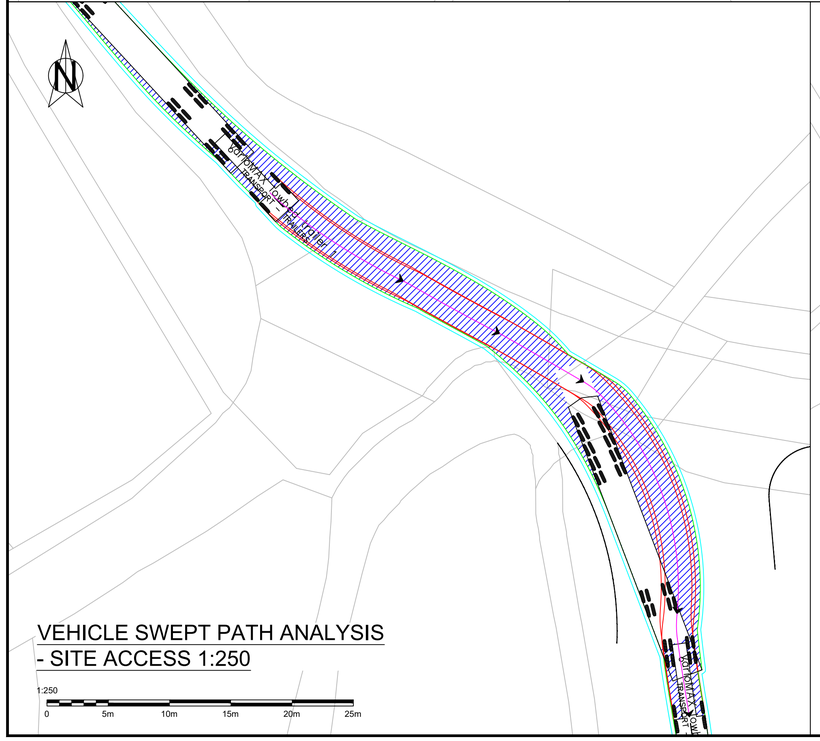
Drawing Title
CABLE ROUTE ACCESS 17
GENERAL ARRANGEMENT & VEHICLE TRACKING

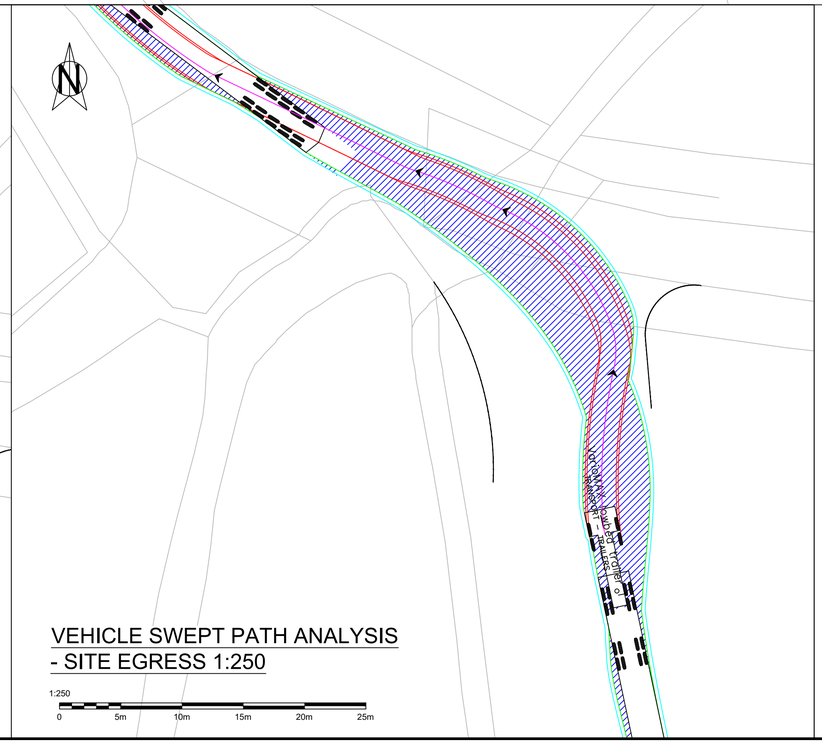
Scale @ A1	Drwn	Chkd
As shown	CS	OW
	Aprd	Date
	SM	MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR17-DR-CH-0001	C

kmc
transport planning







NOTES:

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4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.
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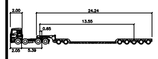
KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- ☐ CONCEPT
- ■ PRELIMINARY
- ☐ TENDER
- ☐ CONSTRUCTION
- ☐ AS BUILT
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

Project
GREEN HILL SOLAR FARM

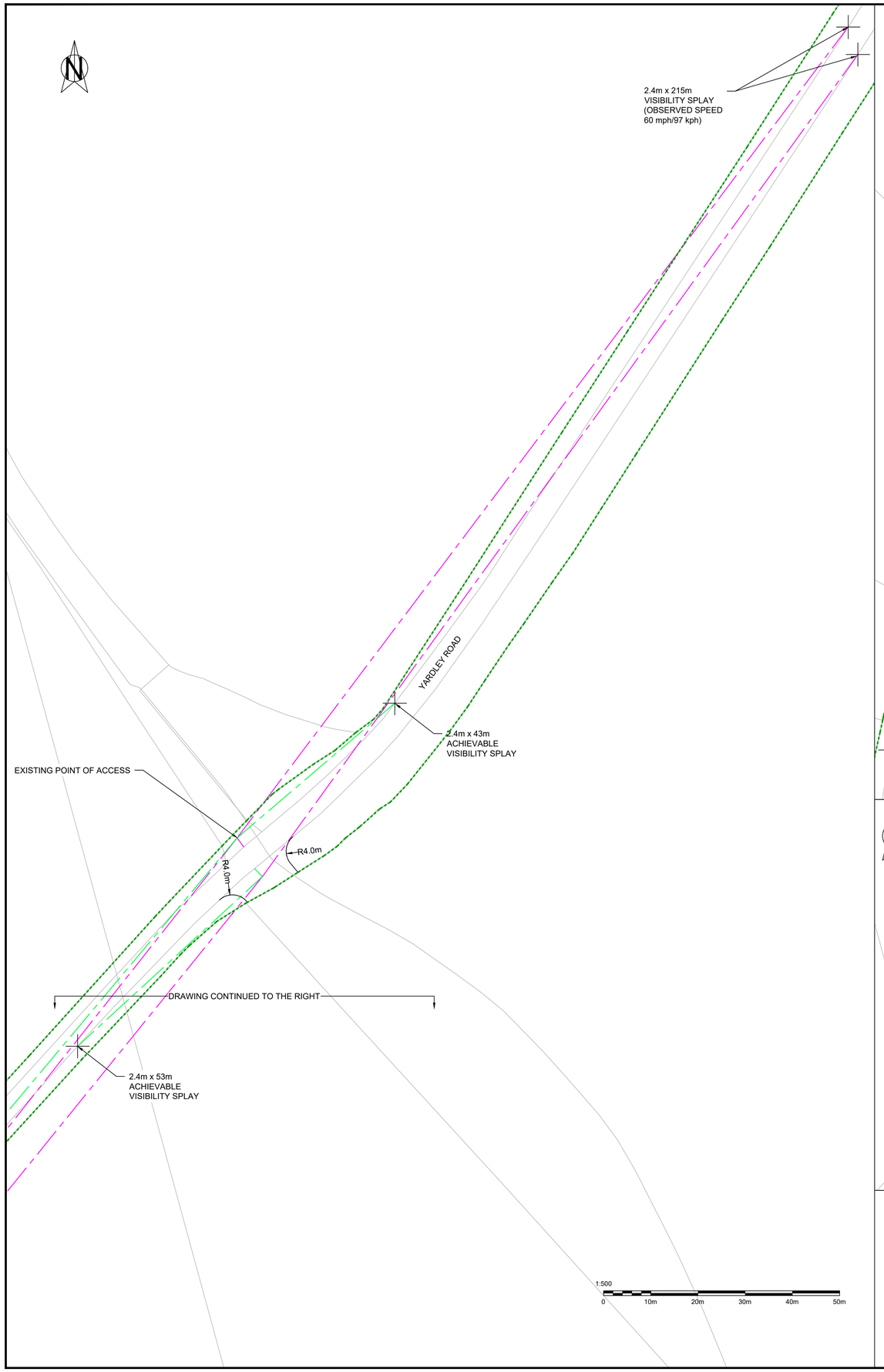
Drawing Title
CABLE ROUTE ACCESS 18
GENERAL ARRANGEMENT & VEHICLE TRACKING

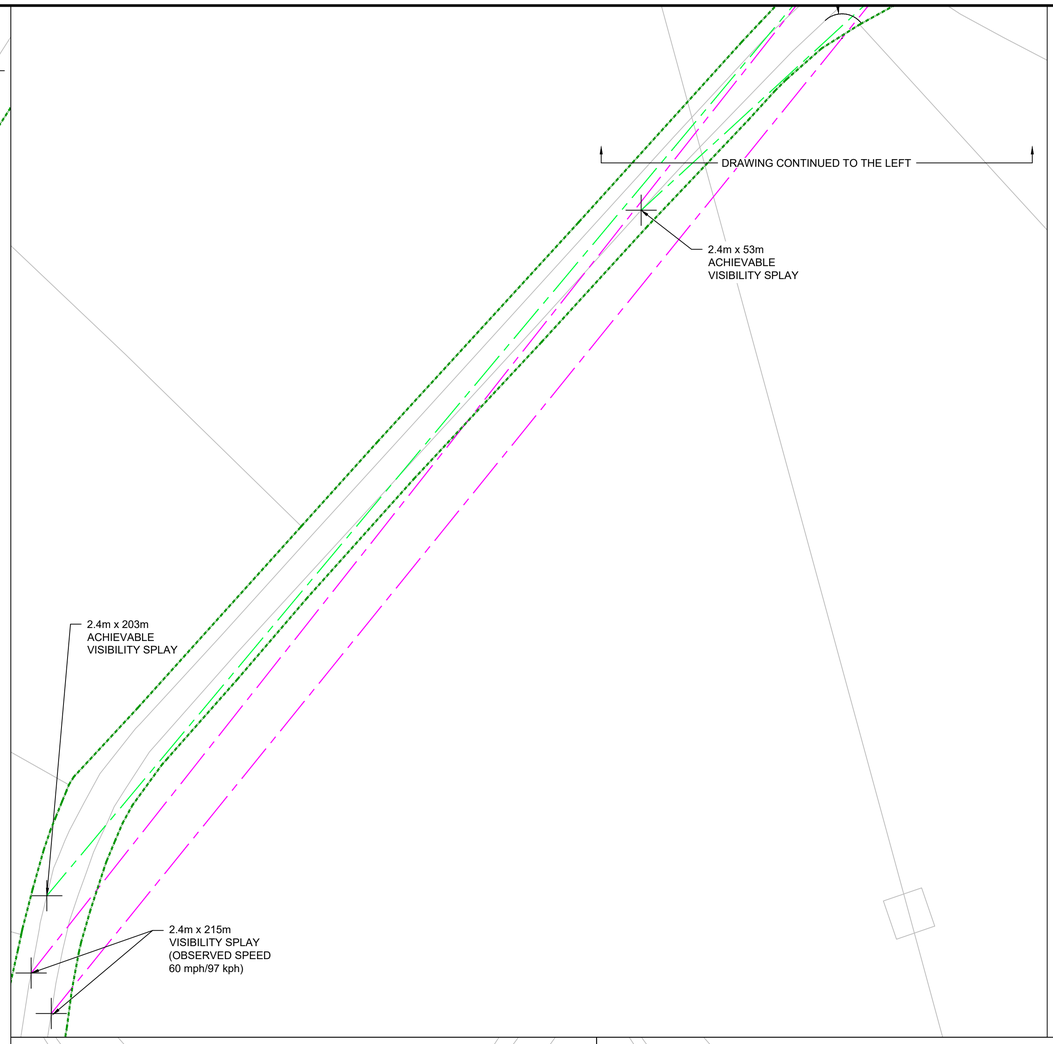
Scale @ A1	Drwn CS	Chkd OW
As shown	Aprd SM	Date MAR 2025

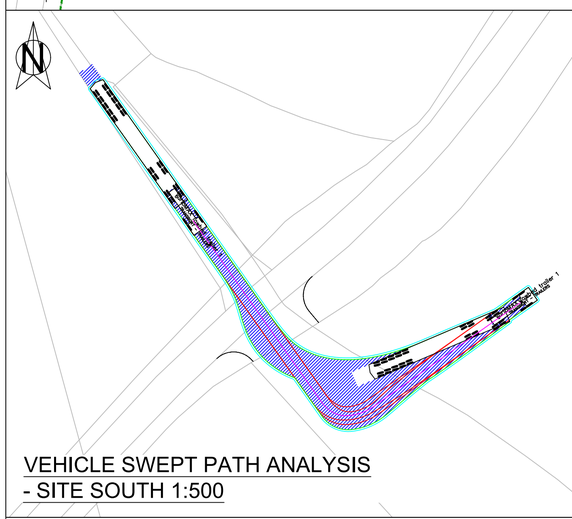
Drawing Ref
23061-KMC-XX-CR18-DR-CH-0001

Rev
C

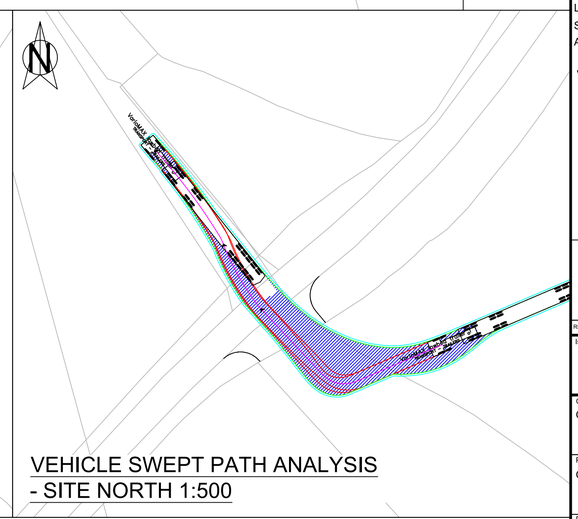
kmc
transport planning







VEHICLE SWEPT PATH ANALYSIS
- SITE SOUTH 1:500



VEHICLE SWEPT PATH ANALYSIS
- SITE NORTH 1:500

1:500
0 10m 20m 30m 40m 50m

1:500
0 10m 20m 30m 40m 50m

NOTES:

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4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.
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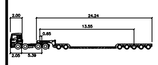
KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	10.04.2025	Preliminary Issue	CS	OW	SM

Issue Status

- [ ] CONCEPT
- [x] PRELIMINARY
- [ ] TENDER
- [ ] CONSTRUCTION
- [ ] AS BUILT
- [ ] H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

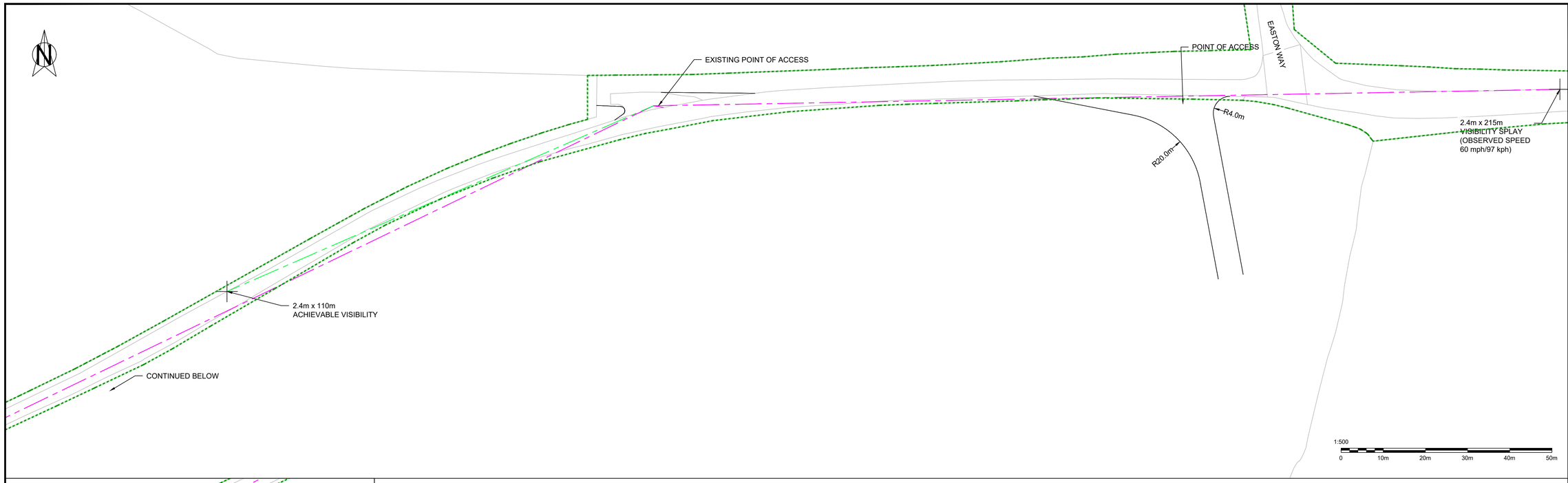
Project
GREEN HILL SOLAR FARM

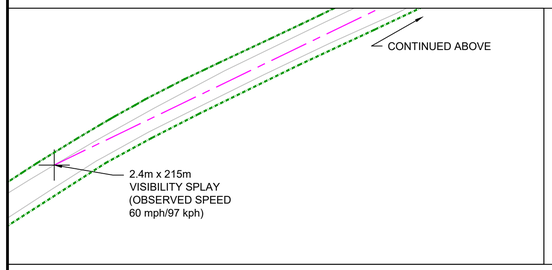
Drawing Title
CABLE ROUTE ACCESS 19 & 20
GENERAL ARRANGEMENT & VEHICLE TRACKING

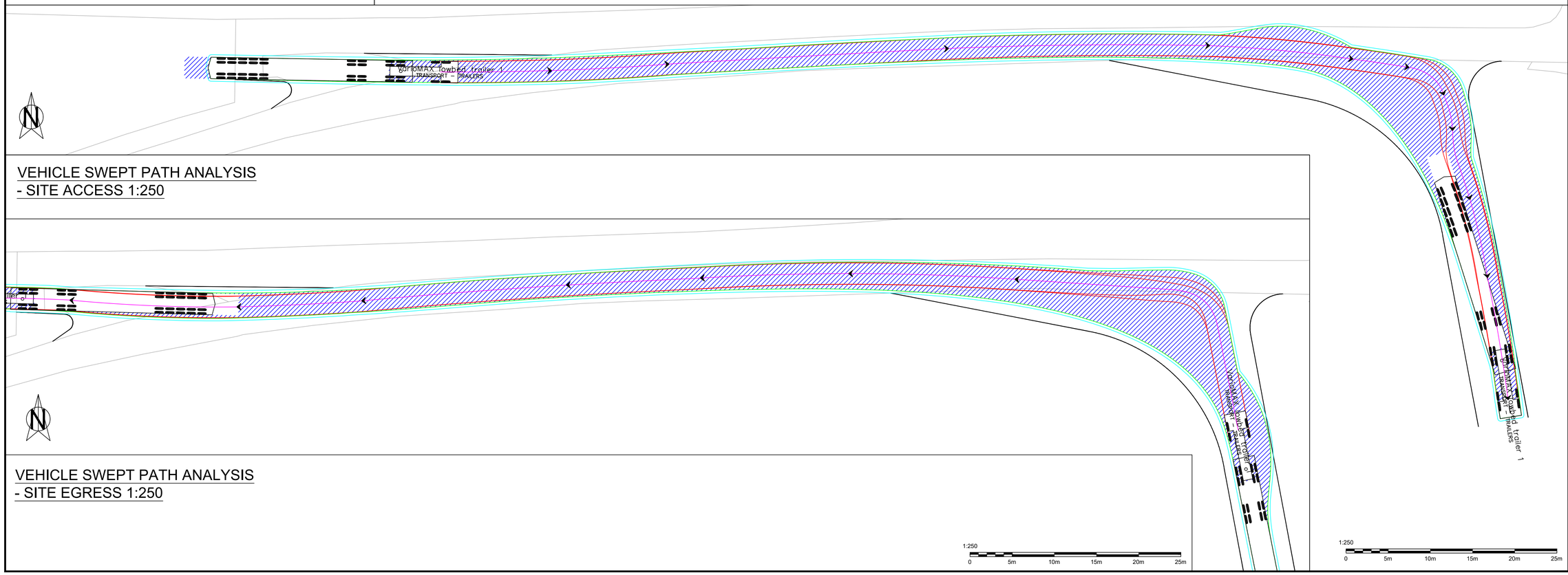
Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	APR 2025

Drawing Ref	Rev
23061-KMC-XX-CR19-20-DR-CH-0001	C

kmc
transport planning







VEHICLE SWEPT PATH ANALYSIS
- SITE ACCESS 1:250

VEHICLE SWEPT PATH ANALYSIS
- SITE EGRESS 1:250

NOTES:

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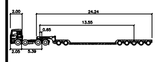
KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m
meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Boundary removed	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary Issue	CS	LF	SM

Issue Status

- ☐ CONCEPT
- ■ PRELIMINARY
- ☐ TENDER
- ☐ CONSTRUCTION
- ☐ AS BUILT
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

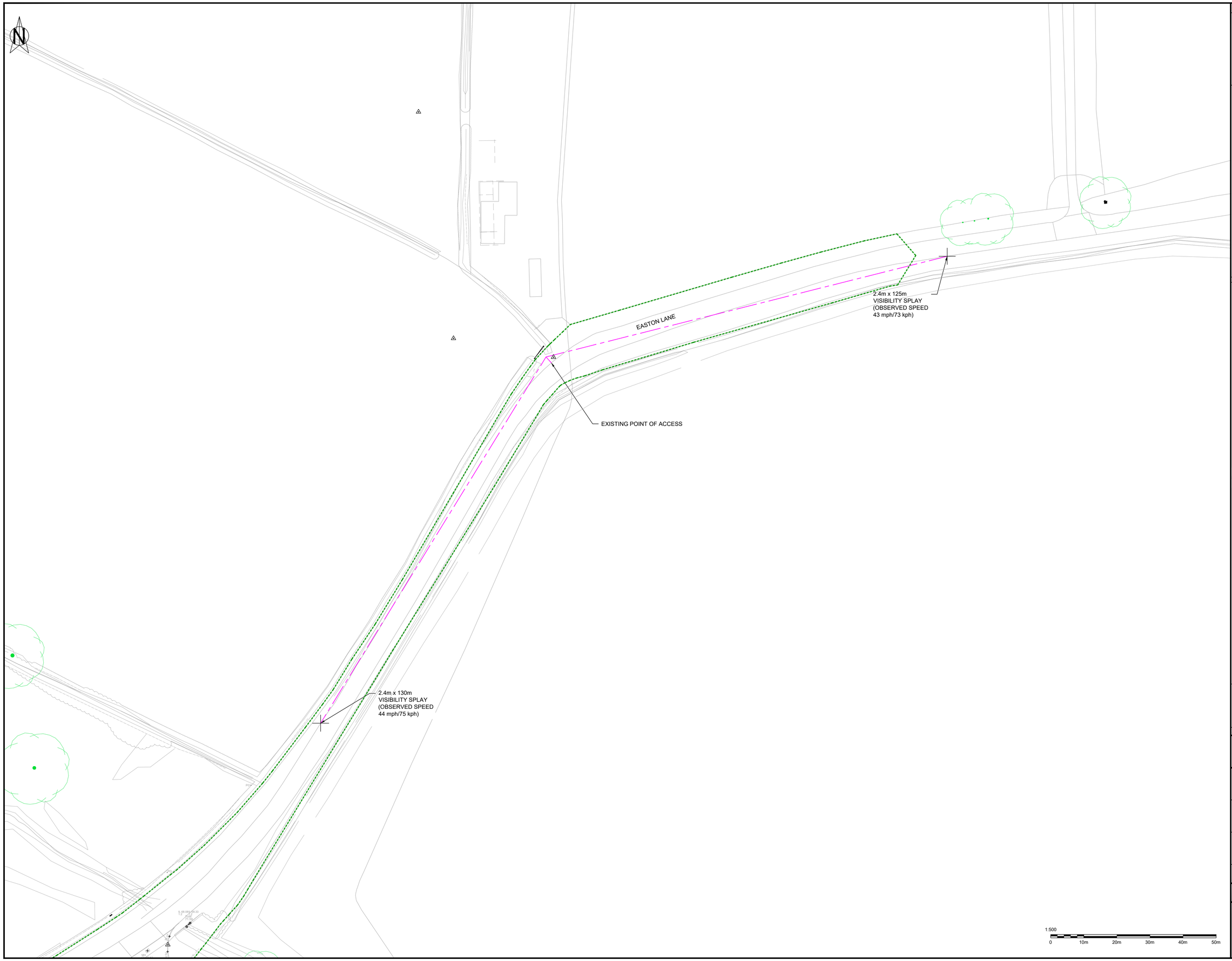
Project
GREEN HILL SOLAR FARM

Drawing Title
CABLE ROUTE ACCESS 21 & 22
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR21-22-DR-CH-0001	C

kmc
transport planning



NOTES:

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KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.6 EXISTING CONTOURS

VEHICLE PROFILE:

VARIO-MAX LOWBED - 29.63m meters

TRACTOR WIDTH	:	2.55
TRAILER WIDTH	:	2.55
TRACTOR TRACK	:	2.55
TRAILER TRACK	:	2.55
LOCK TO LOCK TIME	:	6.0
STEERING ANGLE	:	40.0
ARTICULATING ANGLE:		70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
B	19.05.2025	Boundary removed	CS	OW	SM
A	10.04.2025	Preliminary Issue	CS	OW	SM

Issue Status

- ☐ CONCEPT
- ■ PRELIMINARY
- ☐ TENDER
- ☐ CONSTRUCTION
- ☐ AS BUILT
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

Project
GREEN HILL SOLAR FARM

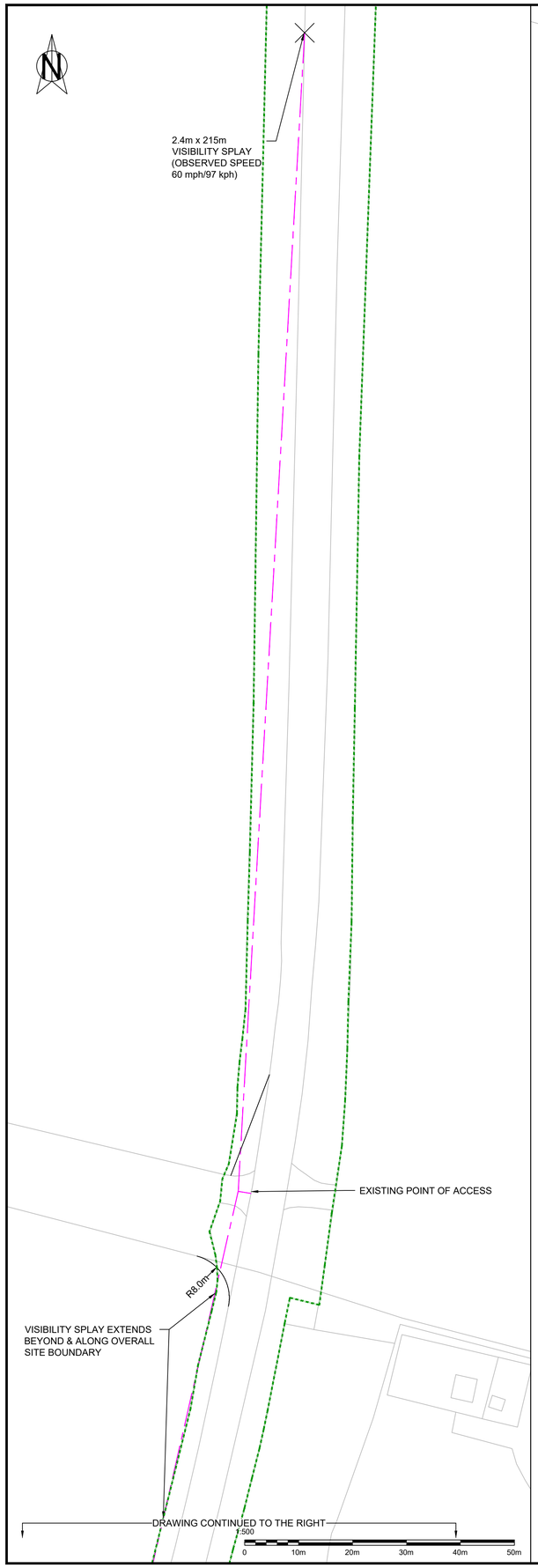
Drawing Title
CABLE ROUTE ACCESS 23
GENERAL ARRANGEMENT & VEHICLE TRACKING

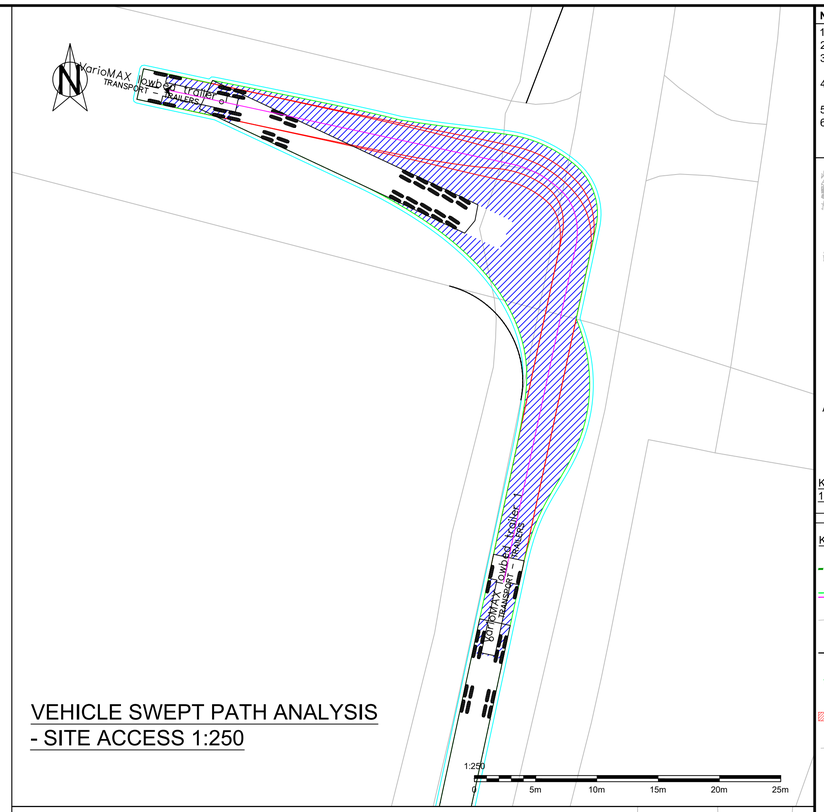
Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	APR 2025

Drawing Ref	Rev
23061-KMC-XX-CR23-DR-CH-0001	B

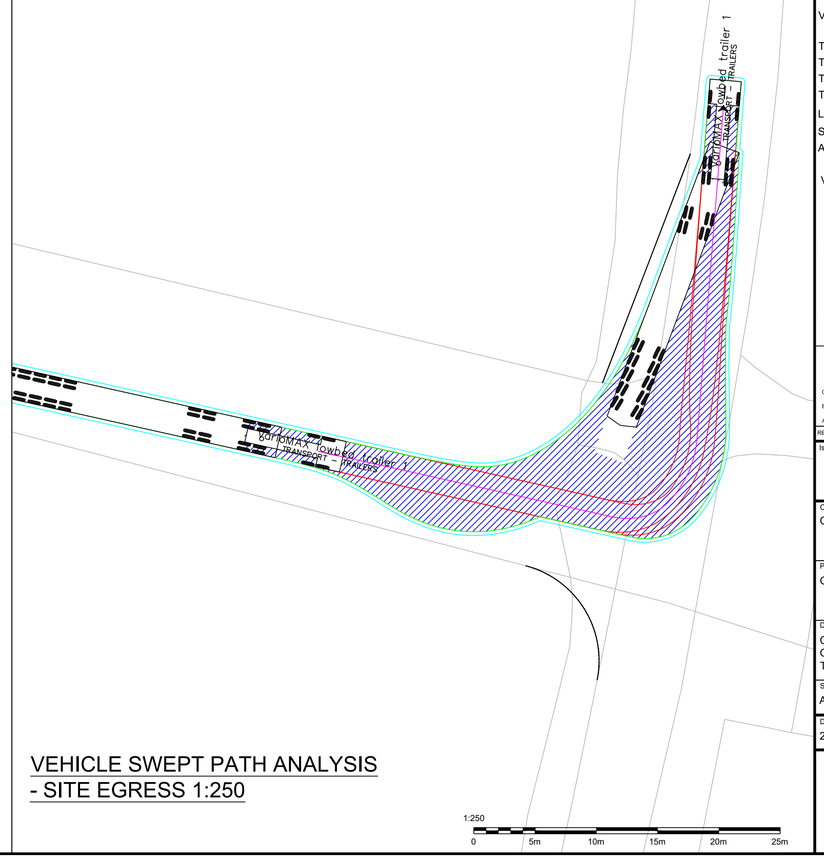
1:500
0 10m 20m 30m 40m 50m

kmc
transport planning





VEHICLE SWEPT PATH ANALYSIS - SITE ACCESS 1:250



VEHICLE SWEPT PATH ANALYSIS - SITE EGRESS 1:250

NOTES:

1. (C) This drawing is copyright.
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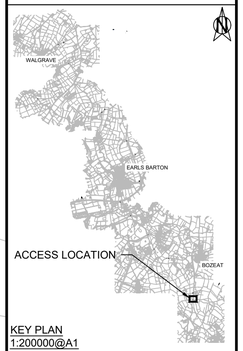
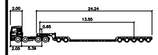


KEY PLAN
1:200000@A1

KEY:

- HIGHWAY BOUNDARY
- VISIBILITY SPLAY EXTENT
- EXISTING LAYOUT
- PROPOSED EDGE OF ACCESS
- EXISTING VEGETATION
- EXTENT OF VEGETATION REMOVAL
- 126.5 EXISTING CONTOURS

VEHICLE PROFILE:



VARIO-MAX LOWBED - 29.63m	meters
TRACTOR WIDTH	: 2.55
TRAILER WIDTH	: 2.55
TRACTOR TRACK	: 2.55
TRAILER TRACK	: 2.55
LOCK TO LOCK TIME	: 6.0
STEERING ANGLE	: 40.0
ARTICULATING ANGLE:	70.0

VEHICLE ANALYSIS KEY:

- VEHICLE PATH & DIRECTION
- VEHICLE BODY ENVELOPE
- VEHICLE FRONT WHEEL PATH
- 0.3m VEHICLE BUFFER ZONE AROUND TRACKING

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	19.05.2025	Visibility splay updated	CS	OW	SM
B	10.04.2025	Boundary updated, Drawing combined	CS	OW	SM
A	11.03.2025	Preliminary issue	CS	LF	SM

Issue Status

- ☐ CONCEPT
- ☐ CONSTRUCTION
- ■ PRELIMINARY
- ☐ AS BUILT
- ☐ TENDER
- ☐ H&S FILE ISSUE

Client
GREEN HILL SOLAR FARM LTD

Project
GREEN HILL SOLAR FARM

Drawing Title
CABLE ROUTE ACCESS 24
GENERAL ARRANGEMENT & VEHICLE TRACKING

Scale @ A1	Drwn	CS	Chkd	OW
As shown	Aprd	SM	Date	MAR 2025

Drawing Ref	Rev
23061-KMC-XX-CR24-DR-CH-0001	C

kmc transport planning

Appendix D Abnormal Load Report

Abnormal Indivisible Load Access to Green Hill Solar Project Substations – High Level Summary Document

Prepared for Island Green Power (IGP)

Shaftesbury House, High Street, Eccleshall, Staffordshire ST21 6BZ, UK
Tel: +44 (0)1785 850411

wynnslimited.com
Registered in England & Wales No. 3162297

NAME		SIGNATURE	DATE
Prepared by:	Steve Batsford	[redacted]	17.04.25
Checked by:	Andy Pearce		17.04.25
Approved by:	Andy Pearce		17.04.25

DISCLAIMER

Any conclusions, calculations or findings presented here should not be changed or altered.

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DOCUMENT REVISIONS

Issue	Date	Details
0	17.04.25	First Issue

Contents

1. Introduction

1.1. This document includes high level summary reports in respect to Abnormal Indivisible Loads (AIL) access to the proposed substations that are expected to be required for the Green Hill Solar Project.

1.2. This will require deliveries of transformer units to the following sites.

- Green Hill A (Old) – 95Te Transformer
- Green Hill B (Holcot) – 65Te Transformer
- Green Hill C (Sywell) – 155Te and 183Te Transformers
- Green Hill E (Mears Ashby) – 95Te Transformer
- Green Hill F (Bozeat) - 95Te Transformer
- Green Hill G (Warrington) - 95Te Transformer
- Grendon BESS (Grendon) – 155Te and 183Te Transformers

1.3. The report considers access to the proposed onshore substation in terms of AIL transportation of the main transformers and cable drums. Wider traffic and transport for Construction and Use vehicles is not within the scope of this document which details the issues on access for heavy transformers and cable drums only.

1.4. The report highlights preferred AIL access routes for transformer AILs via the public road network as far as is possible to date and highlights where additional remedial works will be necessary.

1.5. The report includes reference to the responses of highway and structural authorities where applicable including Northamptonshire, Milton Keynes City Council, National Highways Area 7 and National Highways East Region. The high level summary is intended to inform planning documentation. A more detailed report discussing the various issues raised and routes rejected will be issued to Island Green Power (IGP) under separate cover. This will include more information on legislative requirements, route negotiability and the structural status of the routes.

2. Transport Drawings

2.1. The anticipated transport dimensions of the transformers for each of the substation location are shown below in Table 1 as is the indicative AIL transport arrangement that has been used for initial consultation with highway authorities that are reproduced on the following pages. These are based on standard AIL transport configuration that are generally used for transformers of the dimensions stated.

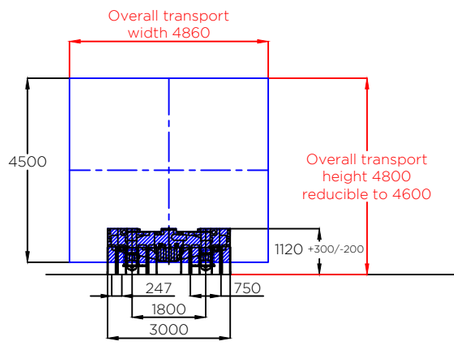
2.2. Drawings of indicative cable drum trailer arrangements are also included within this report.

Table 1 Transformer Transport Dimensions and Trailer Arrangements

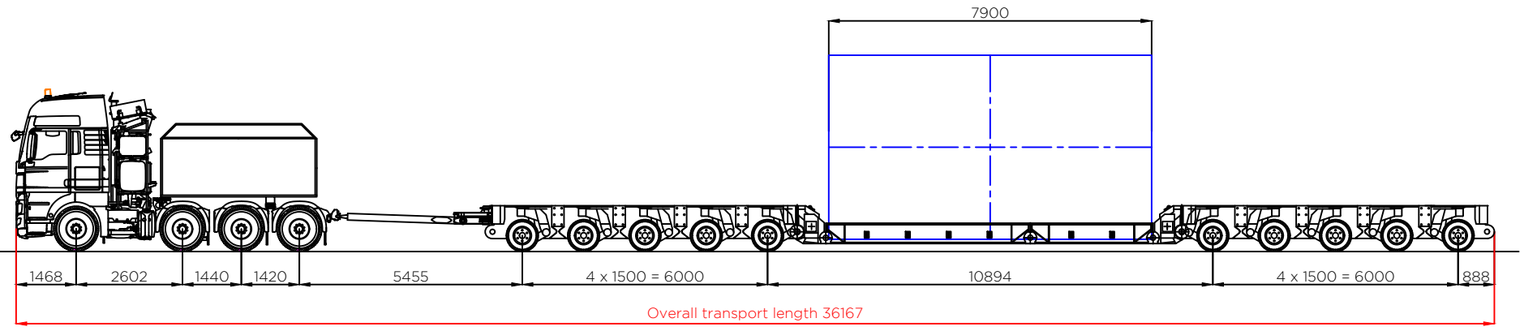
Site	Length (mm)	Width (mm)	Height (mm)	Weight (kgs)	Transport Arrangements
A	7600	2700	4500	95,000kgs	5 bed 5 trailer as shown in drawing number 23-1218.TC03
B	7000	2600	4000	65,000kgs	5 bed 5 trailer as shown in drawing number 23-1218.TC03
C	10000	4000	4900	183,000kgs	16 axle girder frame as shown in drawing number 23-1218.TC02 and 20 axle girder frame as shown in drawing number 23-1218.TC01
E	7600	2700	4500	95,000kgs	5 bed 5 trailer as shown in drawing number 23-1218.TC03
F	7600	2700	4500	95,000kgs	5 bed 5 trailer as shown in drawing number 23-1218.TC03
G	7600	2700	4500	95,000kgs	5 bed 5 trailer as shown in drawing number 23-1218.TC03
Grendon BESS	10000	4000	4900	183,000kgs	16 axle girder frame as shown in drawing number 23-1218.TC02 and 20 axle girder frame as shown in drawing number 23-1218.TC01
Cable Drum Sites	3800	4500	4500	30,000kgs	4 axle modular reeling trailer as shown in drawing number 23-1218.TC04 and 4axle spooling trailer as shown in drawing number 23-1218.TC03

Attachment 1

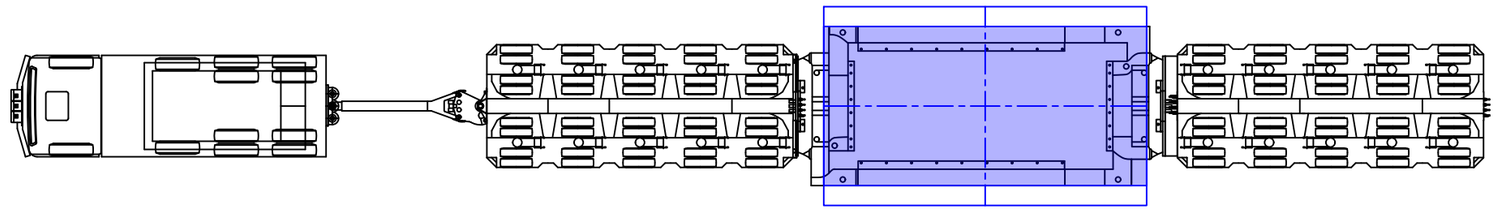
Transport Arrangements



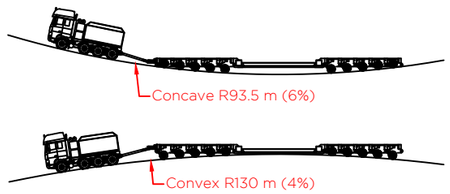
Profile view
Scale 1:150



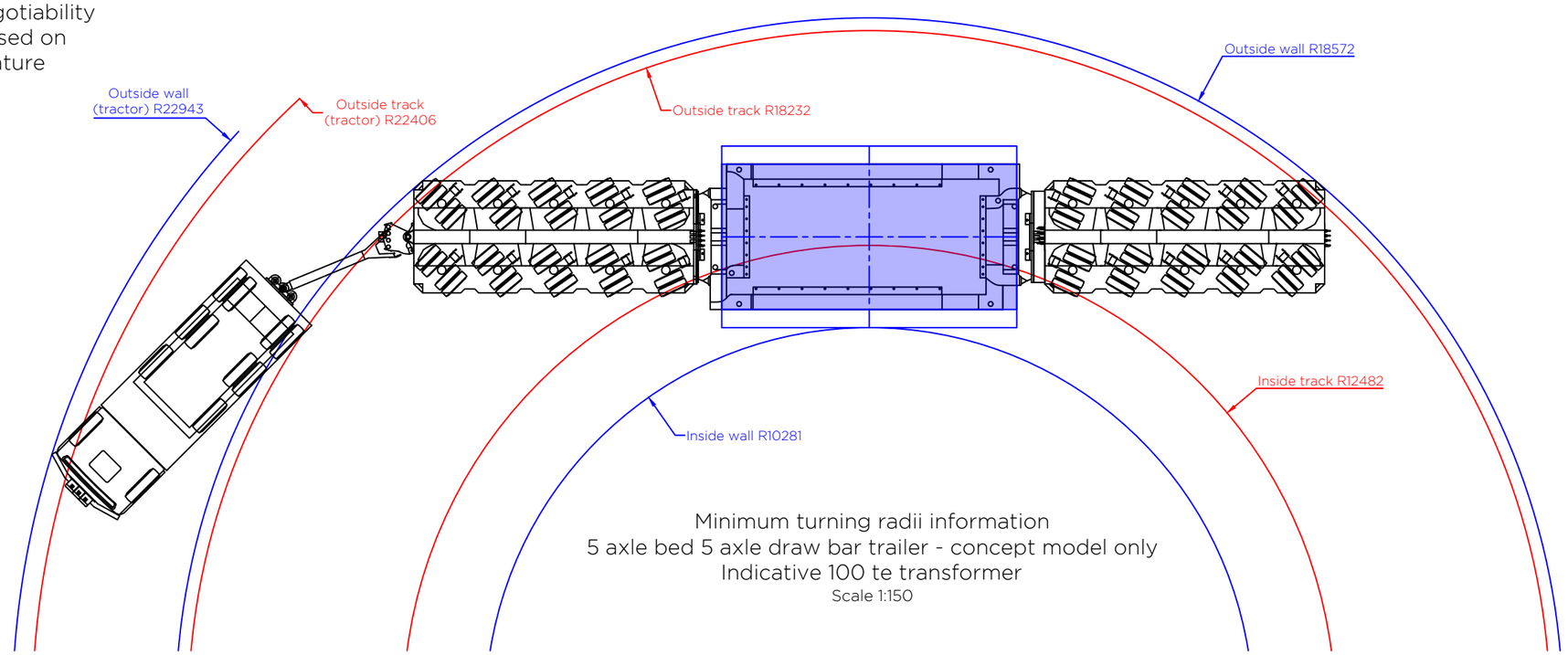
Elevation view - 5 axle bed 5 axle draw bar trailer - concept model only
Indicative 100 te transformer
Scale 1:150



Plan view - 5 axle bed 5 axle draw bar trailer - concept model only
Indicative 100 te transformer
Scale 1:150



Vertical curve negotiability
information based on
hauliers literature
Scale 1:600



Minimum turning radii information
5 axle bed 5 axle draw bar trailer - concept model only
Indicative 100 te transformer
Scale 1:150

Load table	
5 axle bed 5 axle draw bar trailer	
Self weight of transformer	100.0 te
Self weight of trailer	Say 46.0 te
Self weight of aux. steelwork (for L&S)	0.0 te
Total combined weight	146.0 te
Load per axle line	14.6 te
Load per axle	7.3 te
Load per wheel (4 per axle)	1.83 te
Overall ground bearing pressure	4.06 te/m²
Tractor (40 te)	
Front axle	7.0 te
Second steer	7.0 te
Rear axle	13.0 te
Rear axle	13.0 te

Notes:
[1] The figures shown above are representative of the transport configuration portrayed. However as tractor and trailer arrangements vary then the loads and dimensions indicated should be treated as probable values.

[2] Actual dimensions, including axle spacing and mean running height, may vary slightly depending on manufacturer of trailer deployed.

[3] All linear measures in millimetres unless stated otherwise.

[4] Indicative transformer shown only.

[5] Running height dependent upon tank base and transport lug arrangement.

Rev.	Date	Amendments
1		
0	14.03.23	Issued for comment

Revisions

Prepared by:

Shaftesbury House, 2 High Street,
Eccleshall, Stafford, ST21 6BZ
Tel: (01785) 850411

Independent Transportation Engineers

Client:

Island GREEN POWER

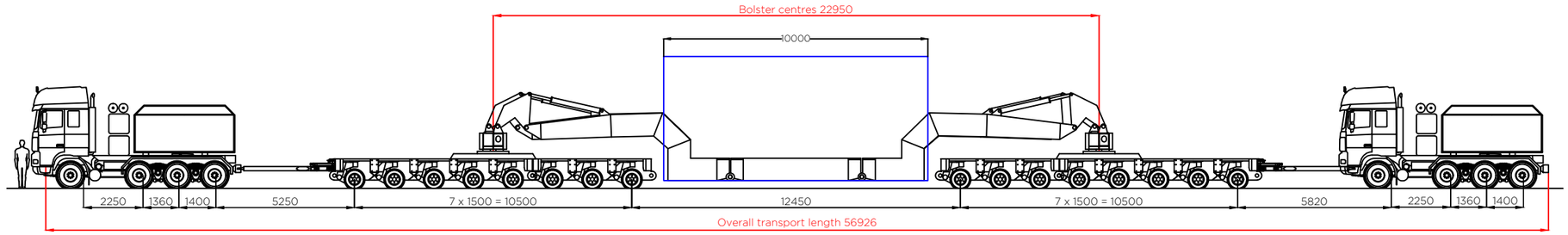
Project:
Solar Farm Northampton (Grendon)

Title:
Indicative transport configuration
Indicative 100.0 te transformer carried on
5 axle bed 5 axle draw bar trailer
showing minimum turning radii

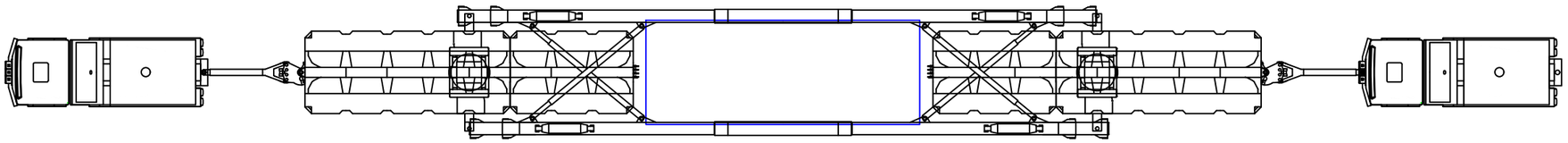
Drawing status:
Final report

Scale (A3):	Drawn By:	Checked By:
As shown	MTO	---
Dwg. no:	Sheet:	Rev:
23-1218.TC03	1 of 1	0

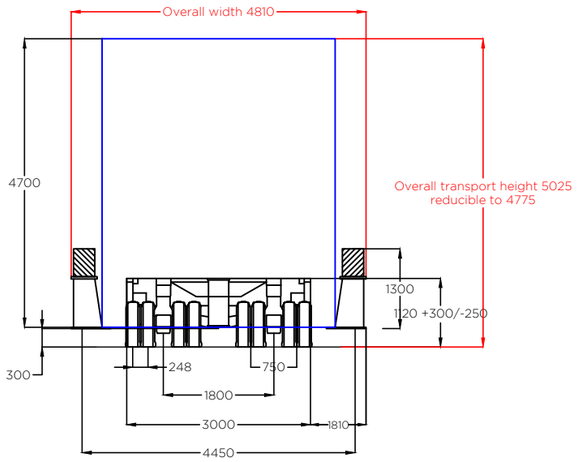
P:\Clients\Existing Clients\Island Green Power\23-1218 Solar Farm in Northamptonshire (Grendon)\Transport Configurations\23-1218.TC03 Solar Farm Northampton (Grendon) 100 te transformer 5 bed 5 R0.dwg



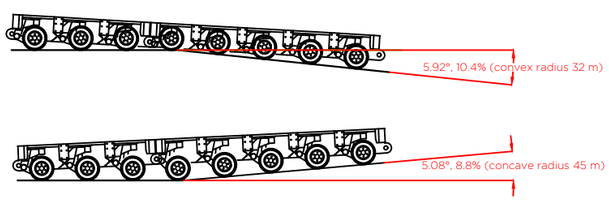
Side Elevation - 16 axle girder frame trailer - concept model only
Indicative 183 te transformer
Scale 1:200



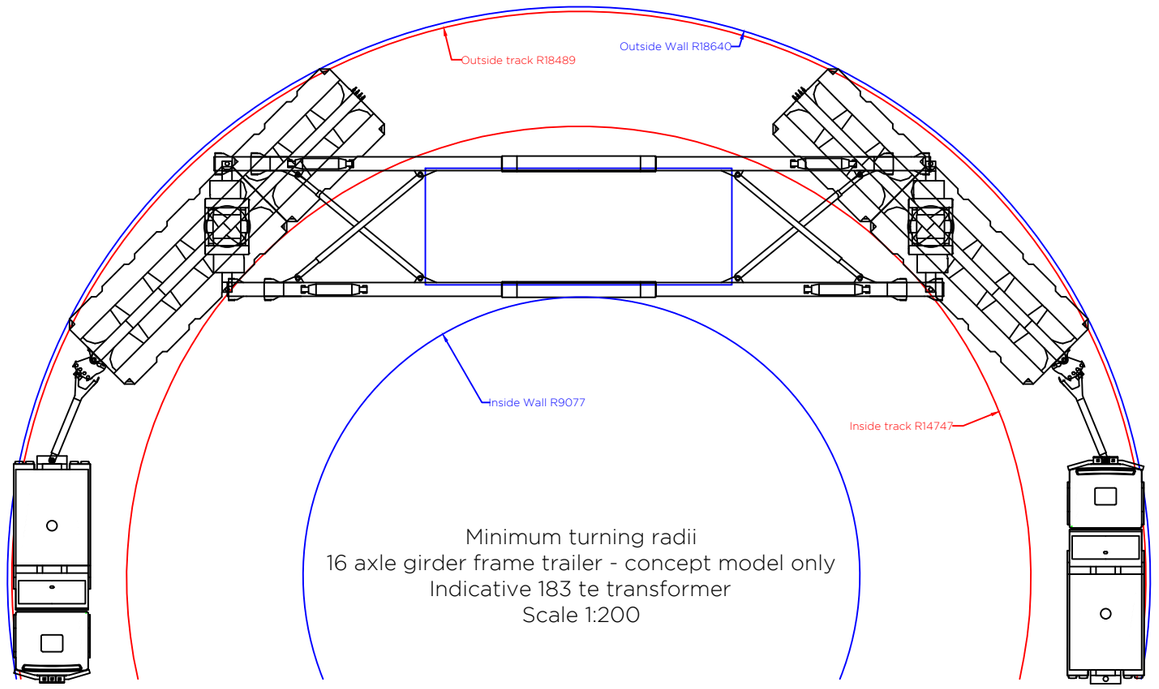
Plan View - 16 axle girder frame trailer - concept model only
Indicative 183 te transformer
Scale 1:200



Profile view
Indicative 183 te transformer
Scale 1:100
NOTE: Final Design/Transport Arrangement to be Determined.
Detail is Illustrative Only.



Vertical curve negotiabilty information
based on manufacturers literature
(Scale 1:200)



Minimum turning radii
16 axle girder frame trailer - concept model only
Indicative 183 te transformer
Scale 1:200

Load Table

16 axle girder frame trailer	
Self weight of load	183.0 te
Self weight of trailer	86.8 te
Self weight of aux. steelwork (for L&S)	0.0 te
Total combined weight	269.6 te
Load per trailer	134.8 te
Load per axle line (2 axles per line)	16.85 te
Load per wheel (4 wheels per axle)	2.11 te
Overall ground bearing pressure	4.28 te/m²

Tractors x2 (42 te)	
Front axle	8.0 te
Second steer	10.0 te
Rear axle	12.0 te
Rear axle	12.0 te

Notes:-
[1] The figures shown above are representative of the transport configuration portrayed. However as tractor and trailer arrangements vary then the loads and dimensions indicated should be treated as probable values.

[2] Actual dimensions, including axle spacing and mean running height, may vary slightly depending on manufacturer of trailer deployed.

[3] All linear measures in millimeters unless stated otherwise.

[4] Transformer drawing indicative only.

Rev.	Date	Amendments
1		
0	03.12.24	Issued for comment

Revisions

Prepared By:
Shaftesbury House, 2 High Street,
Eccleshall, Stafford, ST21 6BZ
Tel: (01785) 850411
Independent Transportation Engineers

Client:
Island Green Power

Project:
Solar Farm Northamptonshire (Grendon)

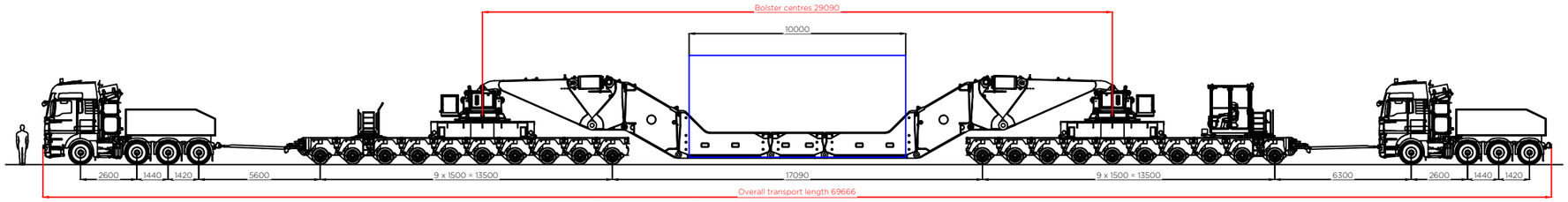
Title:
Indicative Transport Configuration
183 te transformer carried within
16 axle girder frame trailer
showing minimum turning radii

Drawing Status:
Final Report

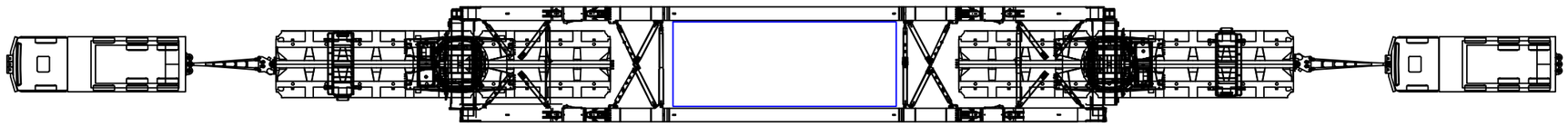
Scale (A3):	Drawn By:	Checked By:
As shown	MTO	---

DWG. No:	Sheet:	Rev:
23-1218.TC02	1 of 1	0

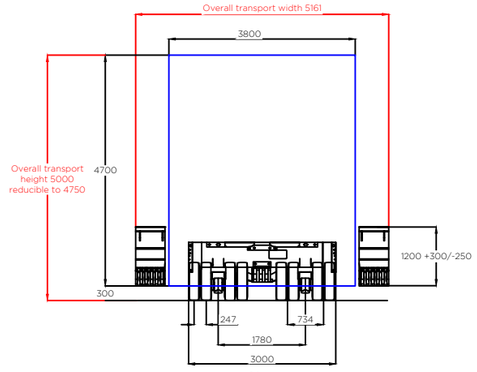
P:\Clients\Existing Clients\Island Green Power\23-1218 Solar Farm in Northamptonshire (Grendon)\Transport Configurations\23-1218.TC02 Solar Farm Northampton (Grendon) 183te transformer 16 Axle Girder Frame.R0.dwg



Side Elevation - 20 axle girder frame trailer - concept model only
Indicative 183 te transformer
Scale 1:250



Plan View - 20 axle girder frame trailer - concept model only
Indicative 183 te transformer
Scale 1:250



Profile view
Indicative 183 te transformer
Scale 1:125
NOTE: Final Design/Transport Arrangement to be Determined.
Detail is Illustrative Only.

Minimum turning radii
20 axle girder frame trailer - concept model only
Indicative 183 te transformer
Scale 1:250

Load table	
20 axle girder frame trailer	
Self weight of transformer	183.0 te
Self weight of trailer	134.0 te
Self weight of aux. steelwork (for L&S)	0.0 te
Total combined weight	317.0 te
Load per trailer	158.50 te
Load per axle line	15.85 te
Load per axle	7.92 te
Load per wheel (4 per axle)	1.98 te
Overall ground bearing pressure	3.91 te/m²
Tractor(s) (42 te)	
Front axle	7.0 te
Second steer	8.0 te
Rear axle	13.5 te
Rear axle	13.5 te

Notes:-
[1] The figures shown above are representative of the transport configuration portrayed. However as tractor and trailer arrangements vary then the loads and dimensions indicated should be treated as probable values.

[2] Actual dimensions, including axle spacing and mean running height, may vary slightly depending on manufacturer of trailer deployed.

[3] All linear measures in millimeters unless stated otherwise.

[4] Transformer drawing indicative only.

Rev.	Date	Amendments
1		
0	03.12.24	Issued for comment

Revisions

Prepared by:

Shaftesbury House, 2 High Street,
Eccleshall, Stafford, ST21 6BZ
Tel: (01785) 850411

Independent Transportation Engineers

Client: Island Green Power

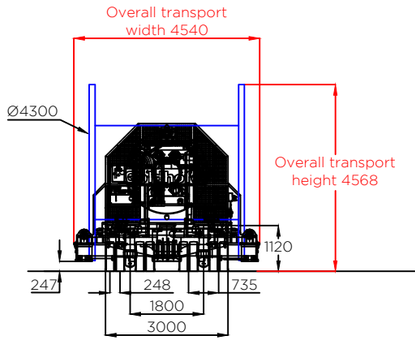
Project: Solar Farm Northamptonshire (Grendon)

Title: Indicative Transport Configuration
183 te transformer carried within
20 axle girder frame trailer
showing minimum turning radii

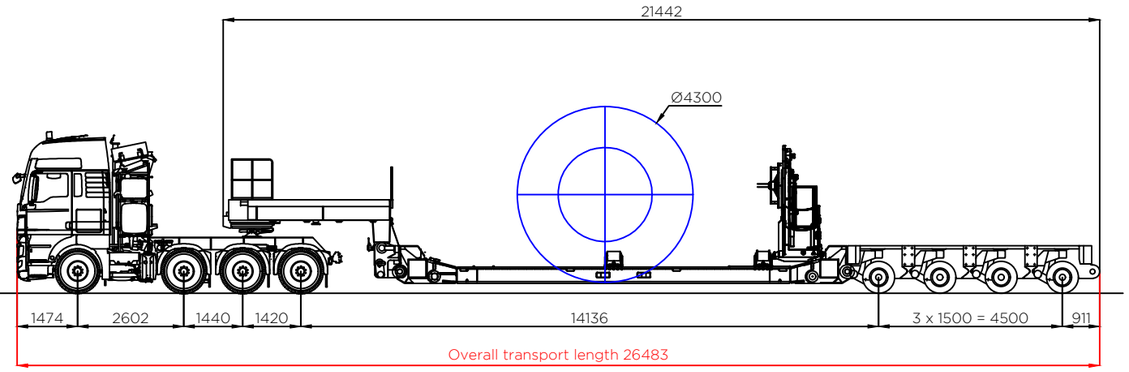
Drawing status: Final Report

Scale (A3):	Drawn By:	Checked By:
As shown	MTO	---
Dwg. no:	**Sheet:**	**Rev:**
23-1218.TC01	1 of 1	0

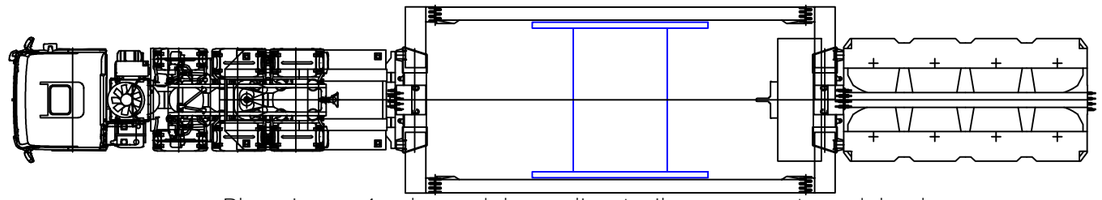
P:\Clients\Existing Clients\Island Green Power\23-1218 Solar Farm in Northamptonshire (Grendon)\Transport Configurations\23-1218.TC01 Solar Farm Northampton (Grendon) 183te transformer 20 Axle Girder Frame.R0.dwg



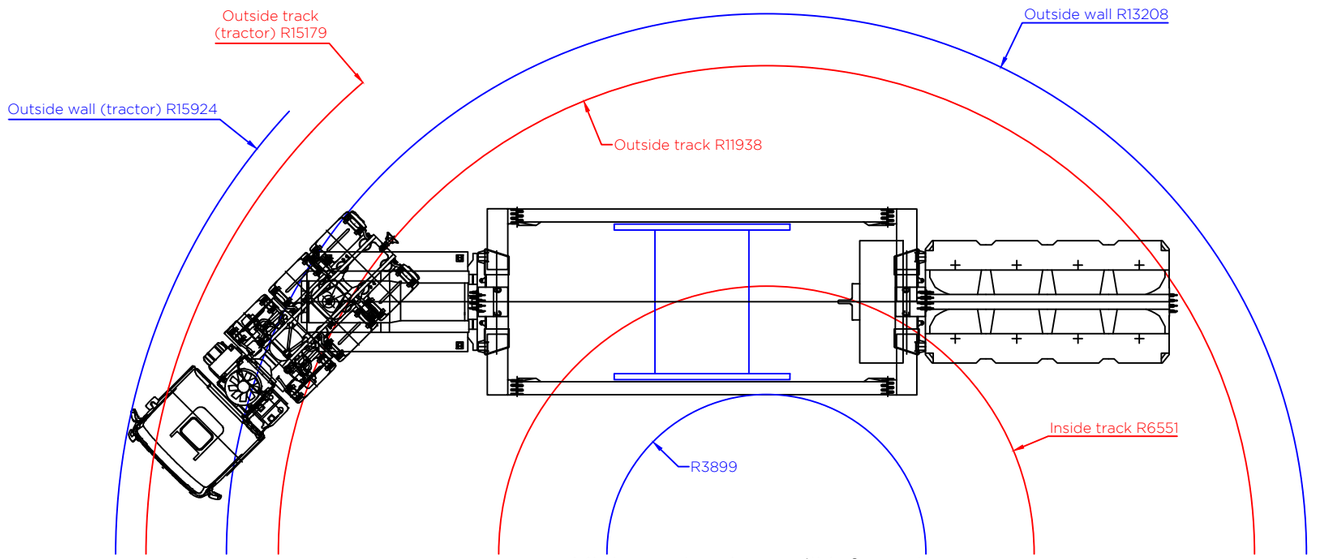
Profile view



Elevation view - 4 axle modular reeling trailer - concept model only
Indicative 30 te cable drum
Scale 1:150



Plan view - 4 axle modular reeling trailer - concept model only
Indicative 30 te cable drum
Scale 1:150



Minimum turning radii information
4 axle modular reeling trailer - concept model only
Indicative 30 te cable drum
Scale 1:150

Load table	
4 axle modular reeling trailer	
Self weight of cable drum	30.0 te
Self weight of trailer	33.3 te
Self weight of tractor	15.0 te
Total combined weight	78.3 te
Load per axle line (trailer)	10.55 te
Load per axle	5.28 te
Load per wheel (4 per axle)	1.32 te
Overall ground bearing pressure	3.13 te/m²
Tractor (15 te)	
Front axle	7.0 te
Second steer	8.0 te
Rear axle	10.55 te
Rear axle	10.55 te

Notes:
[1] The figures shown above are representative of the transport configuration portrayed. However as tractor and trailer arrangements vary then the loads and dimensions indicated should be treated as probable values.

[2] Actual dimensions, including axle spacing and mean running height, may vary slightly depending on manufacturer of trailer deployed.

[3] All linear measures in millimetres unless stated otherwise.

Rev.	Date	Amendments
1		
0	14.04.25	Issued for comment

Revisions

Prepared by:
Shaftesbury House, 2 High Street,
Eccleshall, Stafford, ST21 6BZ
Tel: (01785) 850411
Independent Transportation Engineers

Client: Island GREEN POWER

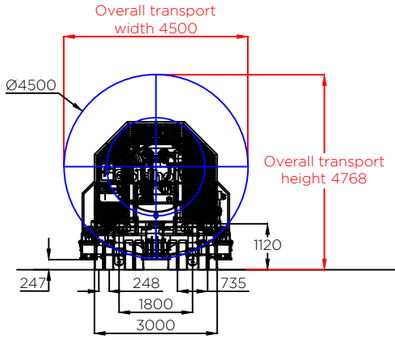
Project: **Solar Farm Northampton (Grendon)**

Title: **Indicative transport configuration**
Indicative 30.0 te cable drum carried on
4 axle modular reeling trailer
showing minimum turning radii

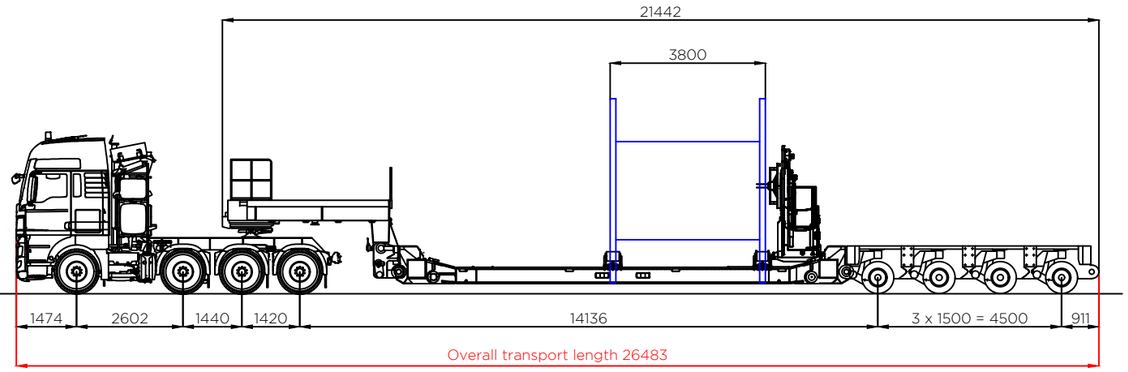
Drawing status: Final report

Scale (A3):	Drawn By:	Checked By:
As shown	MTO	ARP
Dwg. no:	Sheet:	Rev:
23-1218.TC04	1 of 1	0

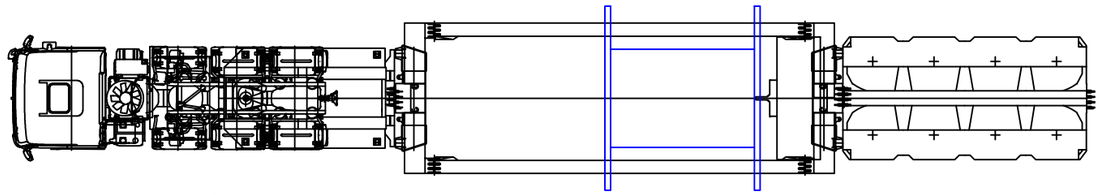
P:\Clients\Existing Clients\Island Green Power\23-1218 Solar Farm in Northamptonshire (Grendon)\Transport Configurations\23-1218.TC05 Solar Farm Northampton 30t Cable Drum 4 Axle reeling trailer R0 - Copy.dwg



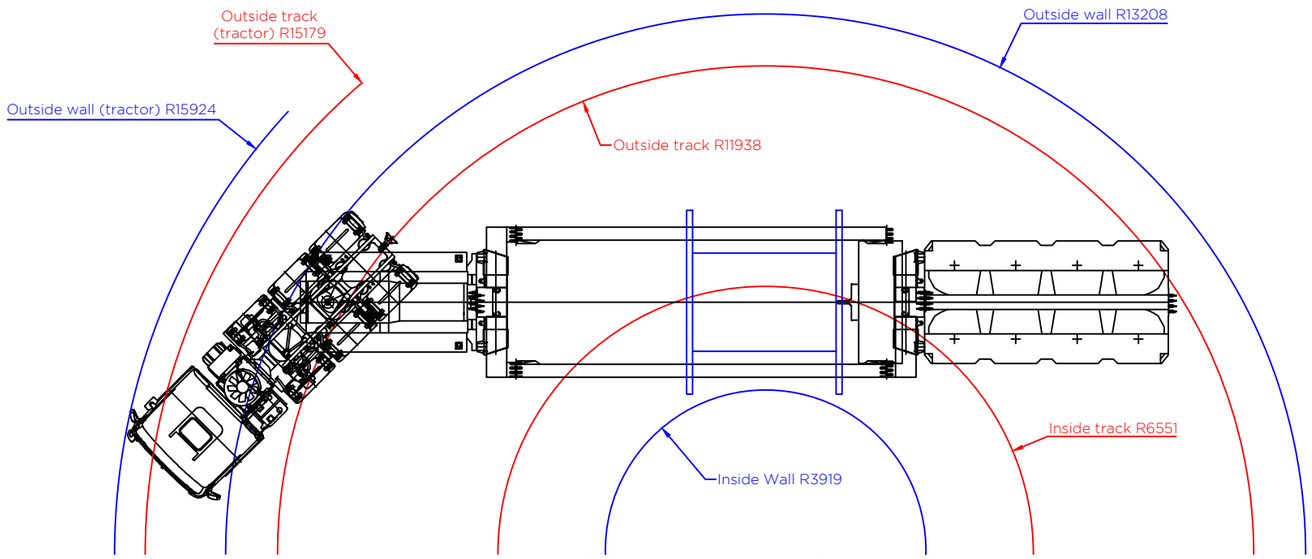
Profile view



Elevation view - 4 axle modular spooling trailer - concept model only
Indicative 30 te cable drum Scale 1:150



Plan view - 4 axle modular spooling trailer - concept model only
Indicative 30 te cable drum
Scale 1:150



Minimum turning radii information
4 axle modular spooling trailer - concept model only
Indicative 30 te cable drum
Scale 1:150

Load table	
4 axle modular spooling trailer	
Self weight of cable drum	30.0 te
Self weight of trailer	33.3 te
Self weight of tractor	15.0 te
Total combined weight	78.3 te
Load per axle line (trailer)	10.55 te
Load per axle	5.28 te
Load per wheel (4 per axle)	1.32 te
Overall ground bearing pressure	3.13 te/m²
Tractor (15 te)	
Front axle	7.0 te
Second steer	8.0 te
Rear axle	10.55 te
Rear axle	10.55 te

Notes:
[1] The figures shown above are representative of the transport configuration portrayed. However as tractor and trailer arrangements vary then the loads and dimensions indicated should be treated as probable values.

[2] Actual dimensions, including axle spacing and mean running height, may vary slightly depending on manufacturer of trailer deployed.

[3] All linear measures in millimetres unless stated otherwise.

Rev.	Date	Amendments
1		
0	14.04.25	Issued for comment

Revisions

Prepared by:
Shaftesbury House, 2 High Street,
Eccleshall, Stafford, ST21 6BZ
Tel: (01785) 850411
Independent Transportation Engineers

Client: Island GREEN POWER

Project: **Solar Farm Northampton (Grendon)**

Title: **Indicative transport configuration**
Indicative 30.0 te cable drum carried on
4 axle modular spooling trailer
showing minimum turning radii

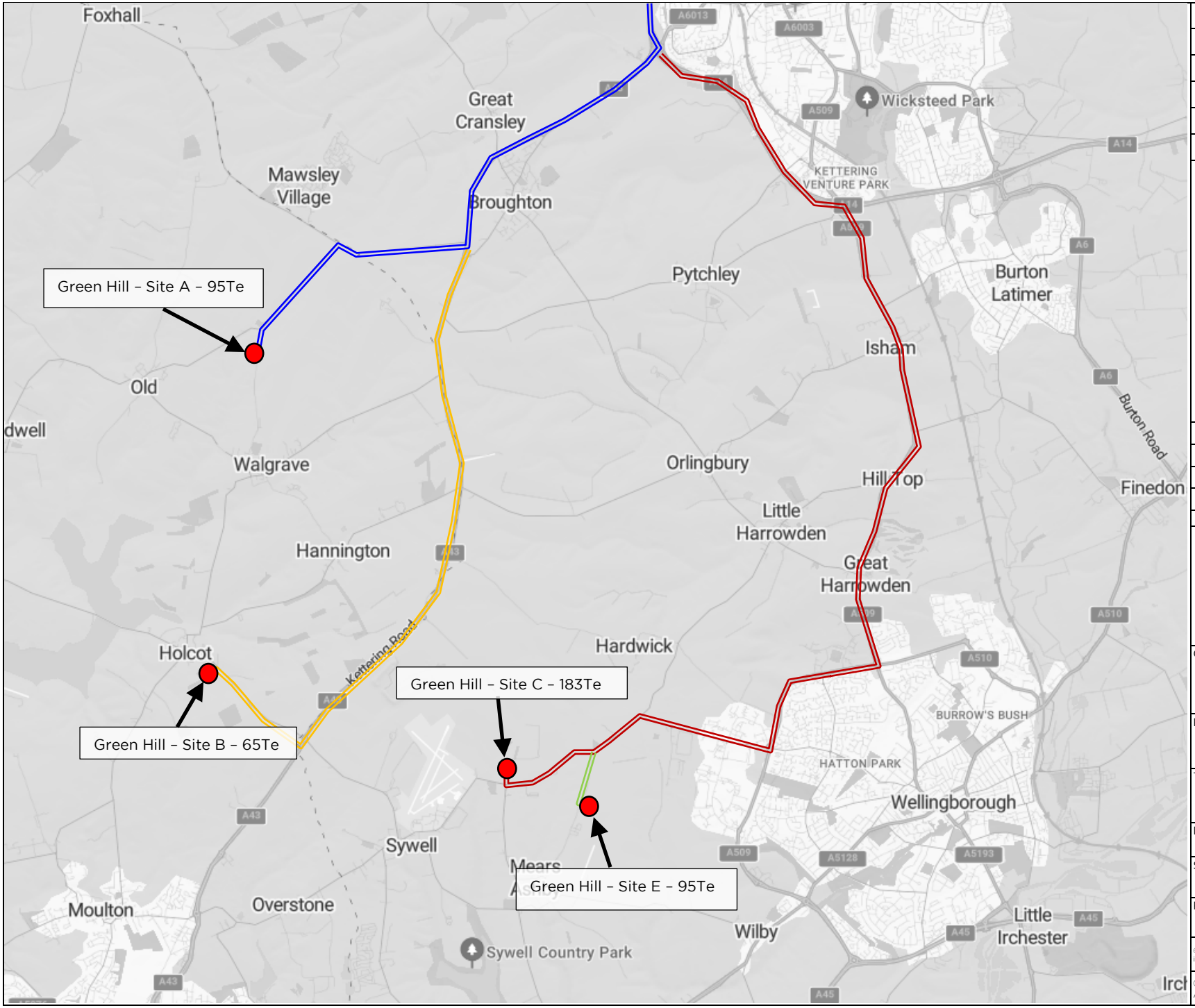
Drawing status: Final report

Scale (A3):	Drawn By:	Checked By:
As shown	MTO	ARP
Dwg. no:	Sheet:	Rev:
23-1218.TC04	1 of 1	0

P:\Clients\Existing Clients\Island Green Power\23-1218 Solar Farm in Northamptonshire (Grendon)\Transport Configurations\23-1218.TC04 Solar Farm Northampton 30t Cable Drum 4 Axle spooling trailer R0.dwg

Attachment 2

Overview Map



Key	
	Route 1 to Green Hill – Site A
	Route 2 to Green Hill – Site B
	Route 3 to Green Hill – Site C
	Route 4 to Green Hill – Site E
	Sites for delivery of Transformers

Rev	Date	Amendments:
B		
A		
0	17.04.2025	First Issue

Revisions

Wynns Ltd.
Independent Transportation Engineers

Shaftesbury House, 2 High Street, Eccleshall, Stafford, ST21 6BZ. Tel: (01785) 850411

Client: Island Green Power

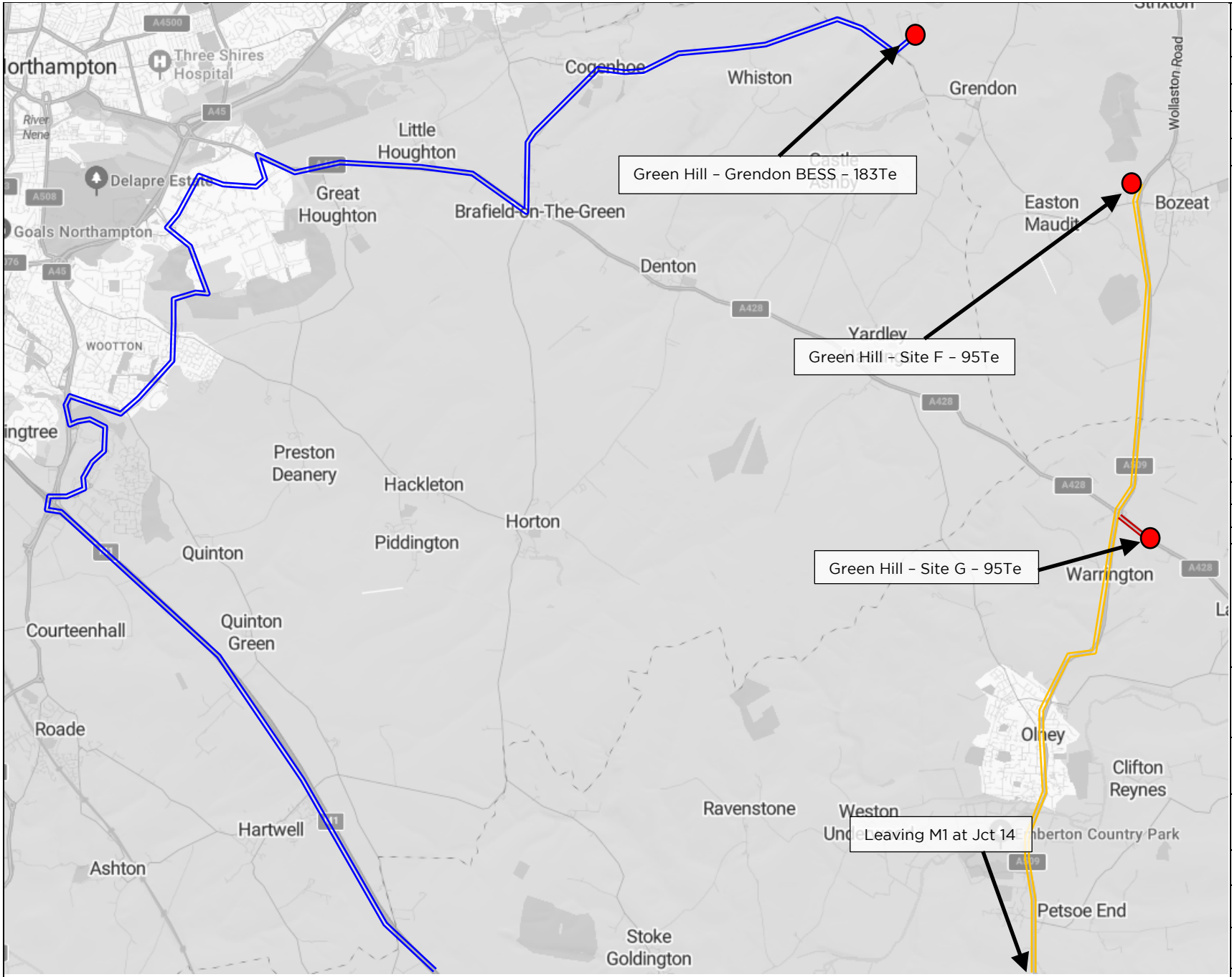
Project: Green Hill Solar

Title: Map 1 – Routes to site locations – North of Wellingborough

Drawing Status: Final Report

Scale (A4):	Drawn by:	Checked by:
NTS	SMB	ARP

Ref No.:	Sheet:	Rev.:
23-1218-Map1	1 of 2	0



Key

	Route 5 to Green Hill – BESS site
	Route 6 to Green Hill – Site F
	Route 7 to Green Hill – Site G
	Sites for delivery of Transformers

Rev	Date	Amendments:
B		
A		
0	17.04.2025	First Issue

Revisions

Wynns Ltd. Independent Transportation Engineers

Shaftesbury House, 2 High Street, Eccleshall, Stafford, ST21 6BZ. Tel: (01785) 850411

Client: Island Green Power

Project: Green Hill Solar

Title: Map 1 – Routes to site locations – South of Wellingborough

Drawing Status: Final Report

Scale (A4):	Drawn by:	Checked by:
NTS	SMB	ARP

Ref No.:	Sheet:	Rev.:
23-1218-Map1	2 of 2	0

3. Green Hill Solar Project Individual Summary Reports

3.1. *Green Hill A (Old)*

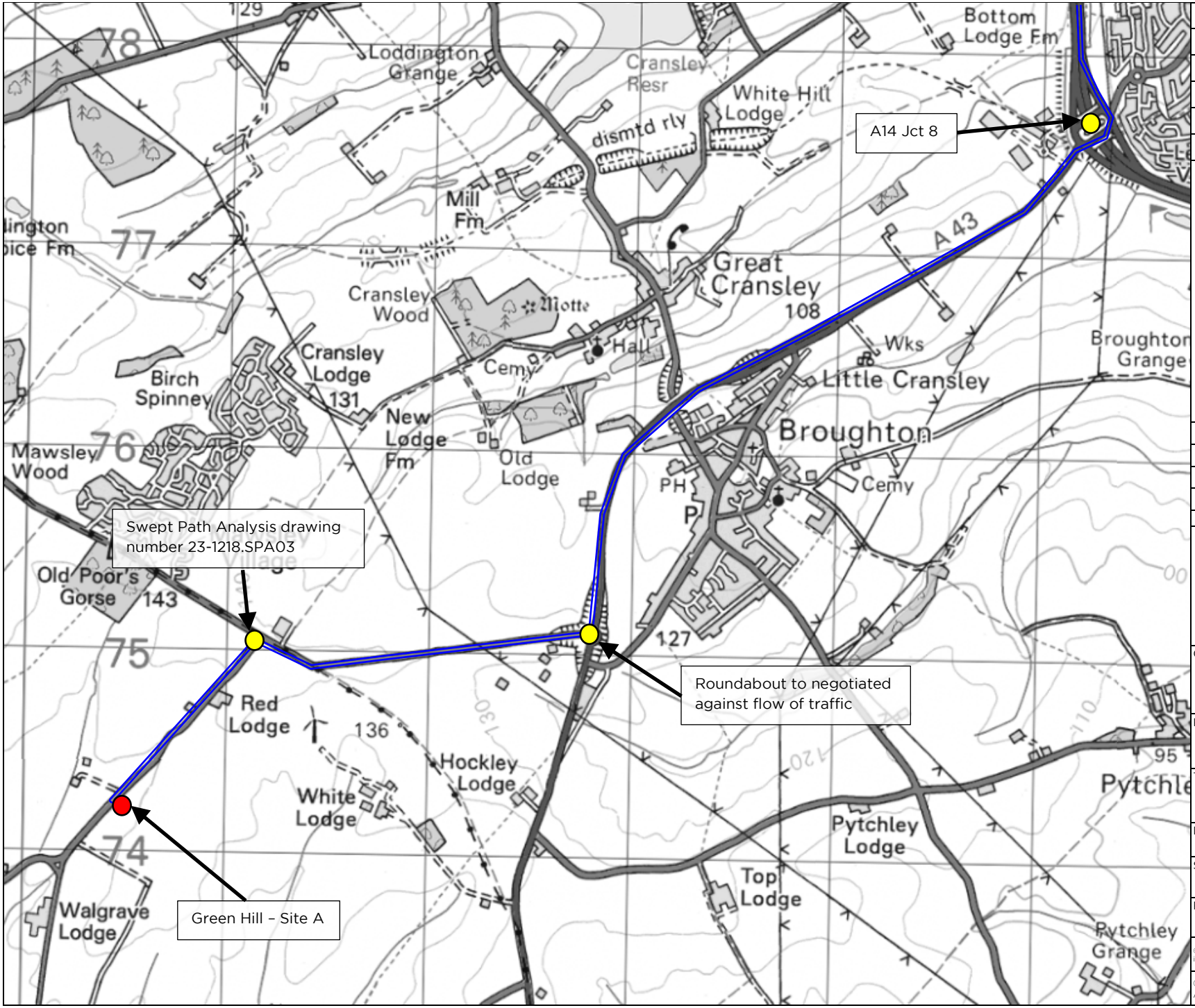
Site	Green Hill Solar - Green Hill A (Old)
Route Inspection and AIL Access Report Recently undertaken by Wynns?	Yes
Has Agreement in Principle (AIP) been provided by National Highways in line with the Water Preferred Policy	Not applicable as 100te nett transformer will be moved within STGO Category 3 and as such will not require Special Order permissions from National Highways.
National Highways AIP Reference Number	N/A
Proposed port Delivery	Port of Immingham The port of Immingham is well established for heavy project cargo and no issues are expected in respect to marine access. It should be noted that as the load is STGO it will not be specifically limited to Immingham as the closest port but Immingham does provide suitable facilities.
Maximum Transport Weight considered during the most recent report in line with future project requirements	Weight - 95te nett transformer Length – 7.60m Width – 2.70m Height – 4.5m
Typical trailer used in route clearance works	A 5 bed 5 trailer at 141te gross weight as shown in drawing number 23-1218.TC03.
Expected delivery date of next planned transformer if known	To be confirmed
Last Recorded Special Order Movement **(according to available records)**	No movements to this site as is a new development.

Site	Green Hill Solar - Green Hill A (Old)
Suggested route based on historical information	Exit A1 at junction of A47 and head west. (OS Grid Ref: TL 07537 99743) Turn left A43 towards Corby Turn left A14 Turn right A43 Turn right Mawsley Road Turn left Broughton Road to site (OS Grid Ref: SP 80419 74222)
Is a map available of the proposed route(s)?	Yes – See Attachment 3
Any Known Problems for AIL Access in terms of structures?	No – As the gross vehicle weight of the drawbar trailer is less than 150Te the vehicle will be considered as a STGO CAT3 movement. This requires that the movement is notified through the National Highways ESDAL platform with 5 working days notice. If no rejections are received within this window, the movement has permission to travel. Notification WYNL/188 was transmitted on 10/12/24 via the ESDAL platform to which no rejections were received. Had a haulier made this same application, they would have therefore received the required permission to travel.
Authorities consulted in respect to AIL Access	• A1(M) Alconbury to Peterborough DBFO • Cambridgeshire County Council Abnormal Load Service • Lincolnshire County Council • National Highways Area 7 • National Highways East Region • National Highways Yorkshire & North East Region • Network Rail LC & Rail over Road • North & West Northants Abnormal Load Service • North Lincolnshire Council Unitary Authority
Any Known Problems for AIL Access in terms of Onsite issues?	N/A – Proposal Stage
Any Known Problems for AIL Access in terms of negotiability and	No The roundabout at A43 with Mawsley Road (OS Grid Ref:

Site	Green Hill Solar - Green Hill A (Old)
other route comments?	SP 82830 75106) is to be negotiated in contraflow. Left turn onto Broughton Road from Mawsley Road (OS Grid Ref: SP 81147 75055). Swept path analysis deemed this negotiable without any requirement for land take.
Do routing issues currently present a serious risk that access to the site may be restricted?	No
Any other Relevant Information and Notes: N/A	

Attachment 3

Site A - Map



Key

	Route 1 to Green Hill – Site A
	Points of Interest
	Green Hill - Site A

Rev	Date	Amendments:
B		
A		
0	17.04.2025	First Issue

Revisions

Wynns Ltd. Independent Transportation Engineers

Shaftesbury House, 2 High Street, Eccleshall, Stafford, ST21 6BZ. Tel: (01785) 850411

Client: Island Green Power

Project: Green Hill Solar

Title: Map 1 – Route to Green Hill - Site A

Drawing Status: Final Report

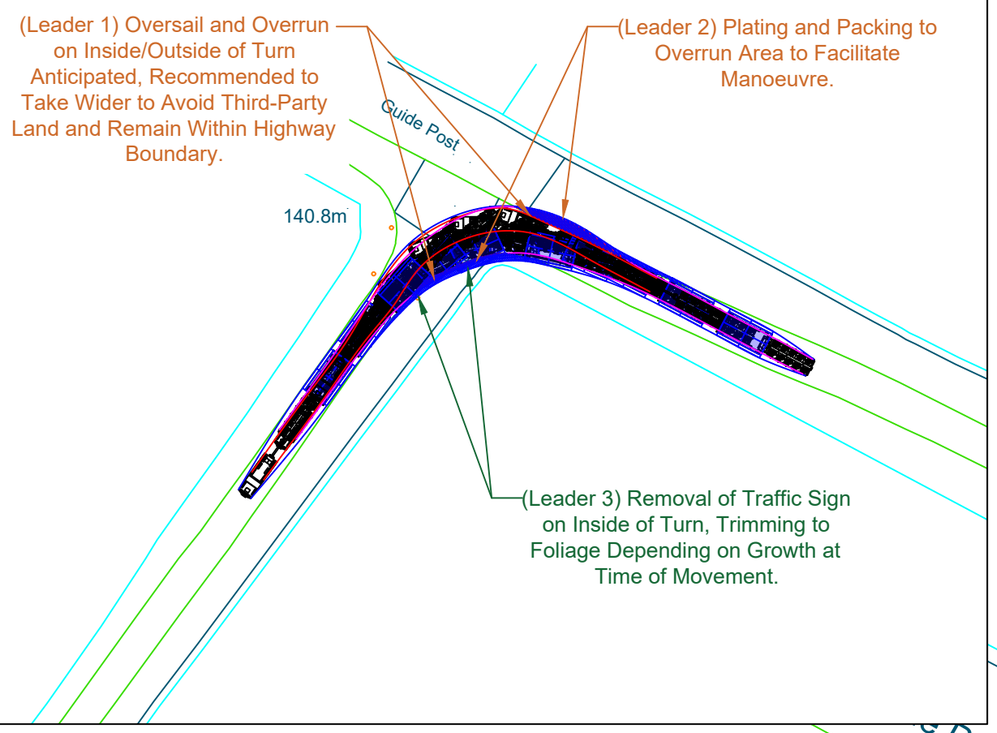
Scale (A4):	Drawn by:	Checked by:
NTS	SMB	ARP

Ref No.:	Sheet:	Rev.:
23-1218-Map1	1 of 1	0

Attachment 4

Site A – Swept Path Analysis

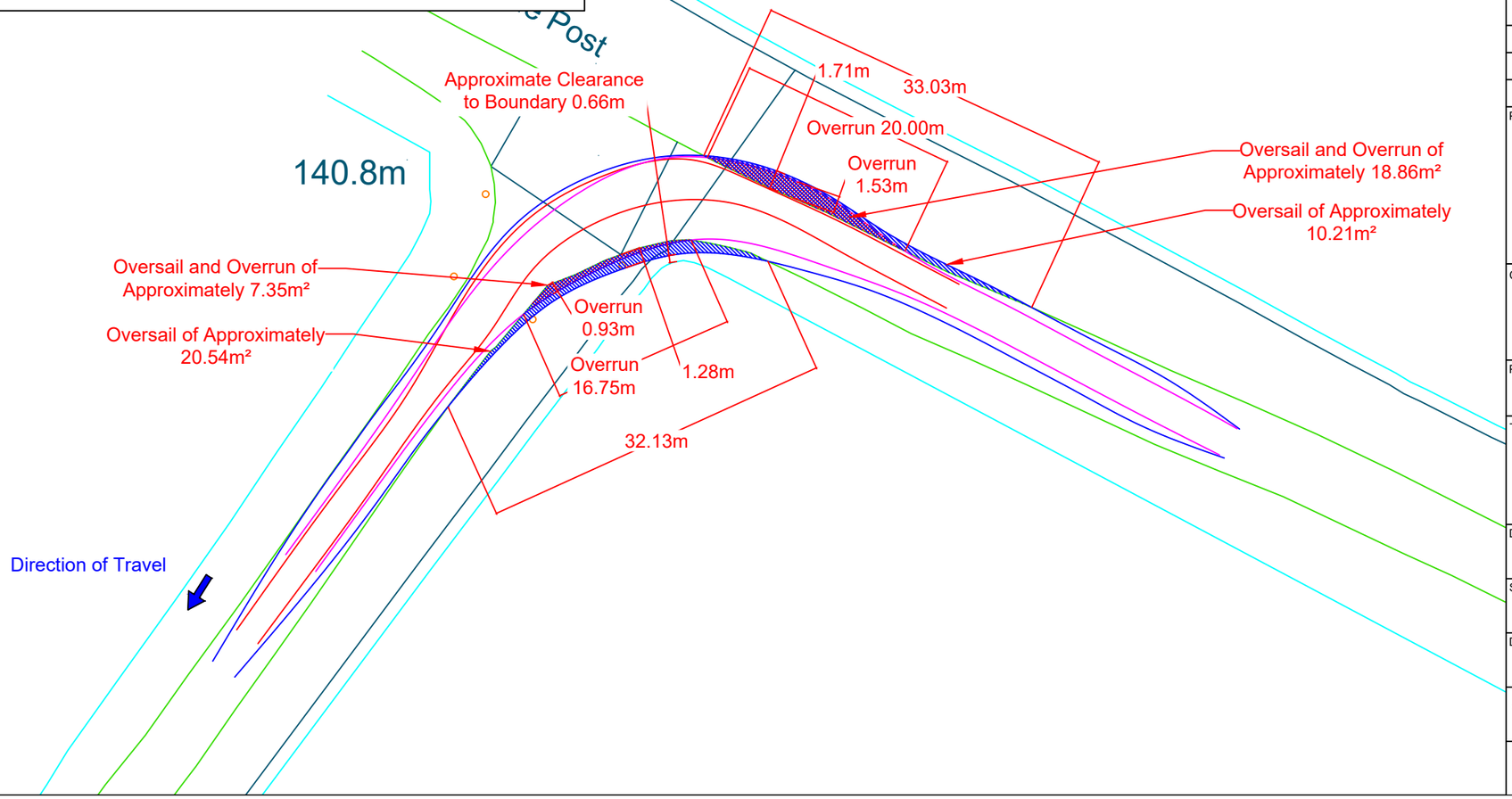
Swept Path Assessment
Indicative of 5 Axle Bed 5 Axle Trailer
Constructed from OS Mastermap Data
Scale 1:1000



Swept Path Assessment
Indicative of 5 Axle Bed 5 Axle Trailer
Constructed from OS Mastermap Data
Scale 1:500

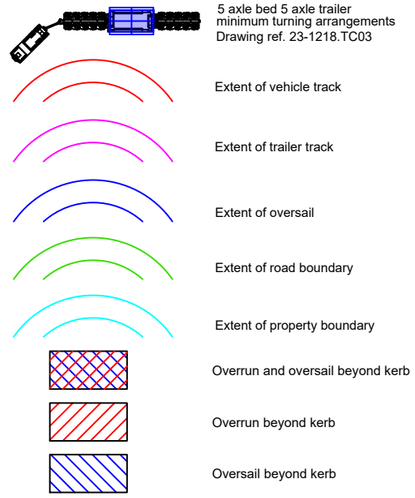
The delivery vehicle can be seen turning left onto Broughton Road from Unclassified Road at approximate OS grid reference: SP 81145 75059.

The configuration is recommended to occupy the full available carriageway to aid in reducing and mitigating oversail and overrun where possible. The configuration anticipates oversail and overrun on the inside and outside of the turn, this is recommended to remain within the highway boundary and mitigate possible conflict into third-party land, this anticipates an approximate clearance of 0.66m from the property boundary (Leader 1). Where overrun occurs, plating and packing to the present verges/kerbs should be implemented to facilitate delivery (Leader 2). It should be noted that traffic signs are positioned on the inside of the turn which would require removal (position is approximate), additionally, depending on growth at the time of movement, trimming to foliage may be required to facilitate; all remedial works are expected to remain within the highway boundary (Leader 3). This section is considered to be negotiable based on the aforementioned considerations.



Location Plan

Legend:



Rev.	Date	Amendments
1		
0	14.03.25	Issued for comment

Revisions

Prepared by:
Shaftesbury House, 2 High Street,
Eccleshall, Stafford, ST21 6BZ
Tel: (01785) 850411
Independent Transportation Engineers

Client: Island Green Power

Project: Green Hill Solar Farm

Title: Swept Path Assessment
Negotiability of left turn onto Broughton Road from Unclassified Road, at approximate OS grid reference: SP 81145 75059, considerate of indicative 100te transformer transported on 5 axle bed 5 axle trailer.

Drawing status: Final Report

Scale (A3):	Drawn by:	Checked by:
As shown	MTO	ARP

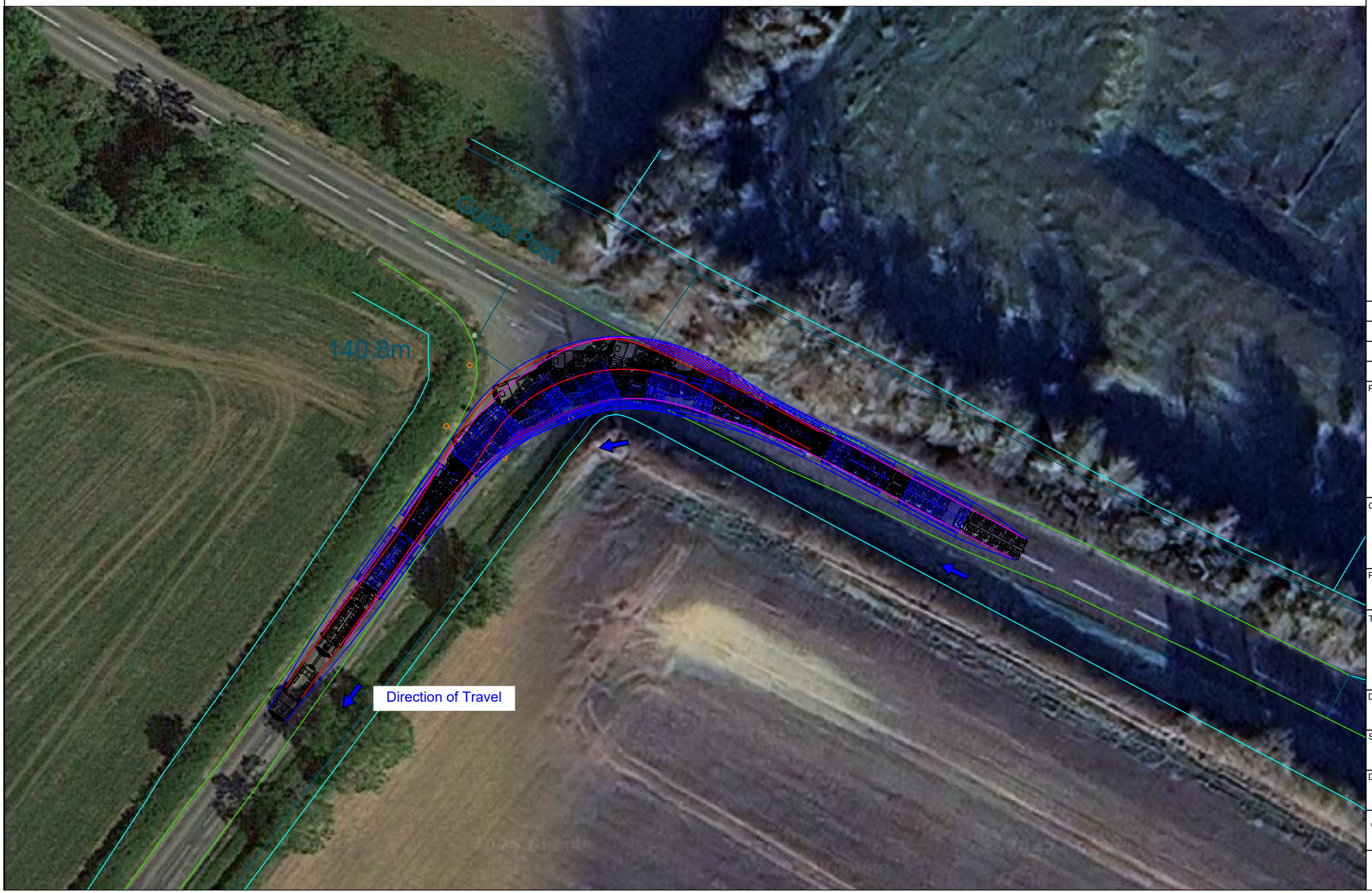
Dwg. no:	Sheet:	Rev:
23-1218.SPA03	1 of 2	0

P:\Clients\Existing Clients\Island Green Power\23-1218 Solar Farm in Northamptonshire (Grendon)\Swept Path Assessments

N

Swept Path Assessment
Indicative of 5 Axle Bed 5 Axle Trailer
Constructed from OS Mastermap Data
Scale 1:500

NOTE: Overlay onto aerial image is not representative of the configuration relative to the environment. This is for illustrative purposes only, and should only be taken as such.



Location Plan

Legend:

- 5 axle bed 5 axle trailer minimum turning arrangements Drawing ref. 23-1218.TC03
- Extent of vehicle track
- Extent of trailer track
- Extent of oversail
- Extent of road boundary
- Extent of property boundary
- Overrun and oversail beyond kerb
- Overrun beyond kerb
- Oversail beyond kerb

Rev.	Date	Amendments
1		
0	14.03.25	Issued for comment

Revisions

Prepared by:

Shaftesbury House, 2 High Street,
Eccleshall, Stafford, ST21 6BZ
Tel: (01785) 850411

Independent Transportation Engineers

Client: Island Green Power

Project: Green Hill Solar Farm

Title: Swept Path Assessment
Negotiability of left turn onto Broughton Road from Unclassified Road, at approximate OS grid reference: SP 81145 75059, considerate of indicative 100te transformer transported on 5 axle bed 5 axle trailer.

Drawing status: Final Report

Scale (A3):	Drawn by:	Checked by:
As shown	MTO	ARP

Dwg. no:	Sheet:	Rev:
23-1218.SPA03	2 of 2	0

P:\Clients\Existing Clients\Island Green Power\23-1218 Solar Farm in Northamptonshire (Grendon)\Swept Path Assessments

3.2. *Green Hill B (Holcot)*

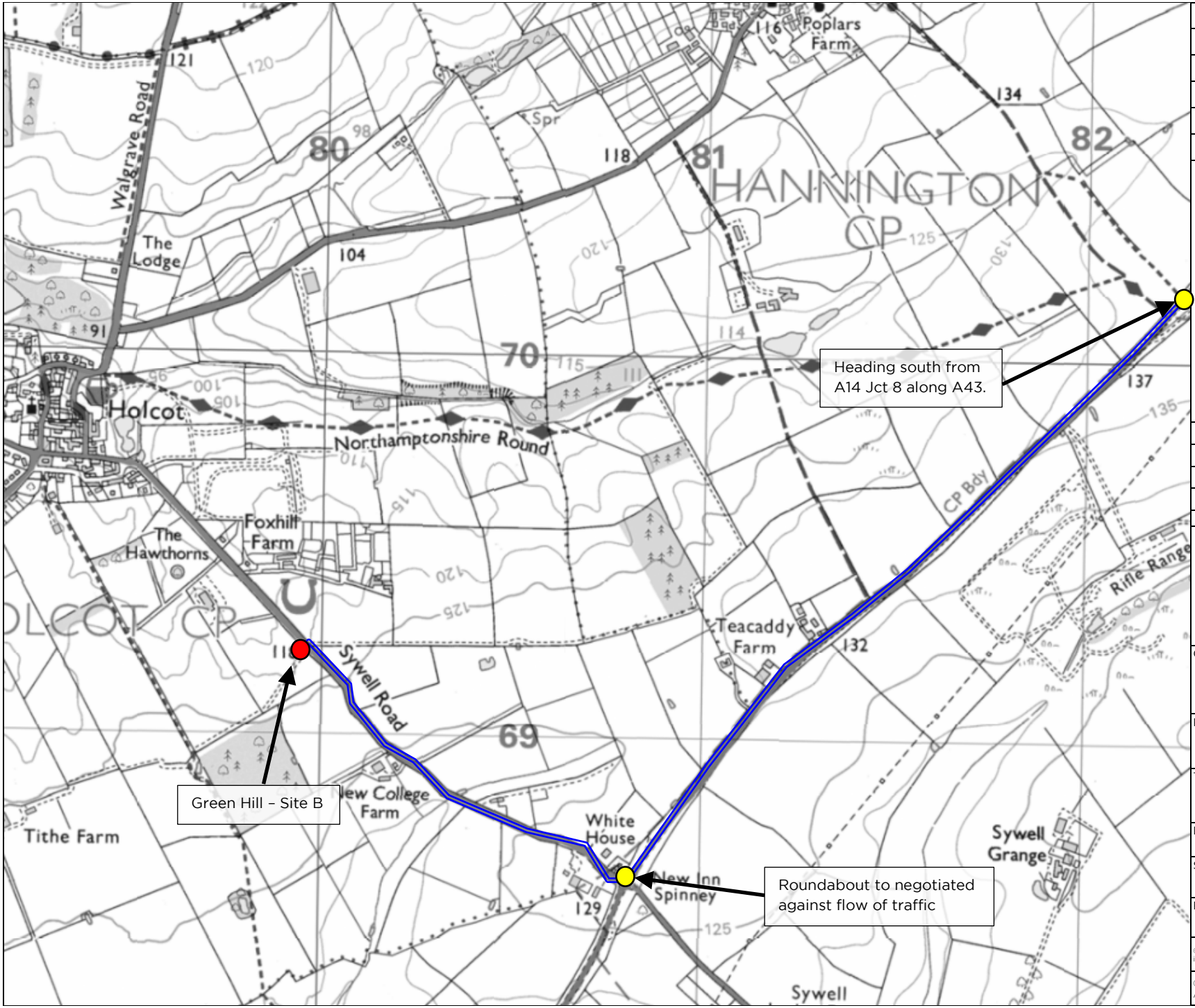
Site	Green Hill Solar - Green Hill B (Holcot)
Route Inspection and AIL Access Report Recently undertaken by Wynns?	Yes
Has Agreement in Principle (AIP) been provided by National Highways in line with the Water Preferred Policy	Not applicable as 100te nett transformer will be moved within STGO Category 3 and as such will not require Special Order permissions from National Highways.
National Highways AIP Reference Number	N/A
Proposed port Delivery	Port of Immingham The port of Immingham is well established for heavy project cargo and no issues are expected in respect to marine access. It should be noted that as the load is STGO it will not be specifically limited to Immingham as the closest port but Immingham does provide suitable facilities.
Maximum Transport Weight considered during the most recent report in line with future project requirements	Weight – 95Te nett transformer Length – 7.60m Width – 2.70m Height – 4.5m This payload was originally investigated and received structural clearance before the size of the transformer required was reduced to 65Te nett. As the vehicle is within the agreed envelope, updated notifications are not required until made by the haulier once appointed.
Typical trailer used in route clearance works	A 5 bed 5 trailer at 141te gross weight as shown in drawing number 23-1218.TC03.
Expected delivery date of next planned transformer if known	To be confirmed

Site	Green Hill Solar - Green Hill B (Holcot)
Last Recorded Special Order Movement **(according to available records)**	No movements to this site as is a new development.
Suggested route based on historical information	Exit A1 at junction of A47 and head west. (OS Grid Ref: TL 07537 99743) Turn left A43 towards Corby Turn left A14 At A14 Jct 8, turn right A43 Turn right Sywell Road to site (OS Grid Ref: SP 80024 69164)
Is a map available of the proposed route(s)?	Yes – See Attachment 5
Any Known Problems for AIL Access in terms of structures?	No – As the gross vehicle weight of the drawbar trailer is less than 150Te the vehicle will be considered as a STGO CAT3 movement. This requires that the movement is notified through the National Highways ESDAL platform with 5 working days notice. If no rejections are received within this window, the movement has permission to travel. Notification WYNL/189 was transmitted on 10/12/24 via the ESDAL platform to which no rejections were received. Had a haulier made this same application, they would have therefore received the required permission to travel.
Authorities consulted in respect to AIL Access	• A1(M) Alconbury to Peterborough DBFO • Cambridgeshire County Council Abnormal Load Service • Lincolnshire County Council • National Highways Area 7 • National Highways East Region • National Highways Yorkshire & North East Region • Network Rail LC & Rail over Road • North & West Northants Abnormal Load Service • North Lincolnshire Council Unitary Authority
Any Known Problems for AIL Access in terms	N/A – Proposal Stage

Site	Green Hill Solar - Green Hill B (Holcot)
of Onsite issues?	
Any Known Problems for AIL Access in terms of negotiability and other route comments?	No The roundabout at A43 with Sywell Road (OS Grid Ref: SP 80807 68634) is to be negotiated in contraflow.
Do routing issues currently present a serious risk that access to the site may be restricted?	No
Any other Relevant Information and Notes: N/A	

Attachment 5

Site B – Map



Key

	Route 1 to Green Hill – Site B
	Points of Interest
	Green Hill - Site B

Rev	Date	Amendments:
B		
A		
0	17.04.2025	First Issue

Revisions

Wynns Ltd.
Independent Transportation Engineers

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Client: Island Green Power

Project: Green Hill Solar

Title: Map 1 – Route to Green Hill - Site B

Drawing Status: Final Report

Scale (A4):	Drawn by:	Checked by:
NTS	SMB	ARP

Ref No.:	Sheet:	Rev.:
23-1218-Map1	1 of 1	0

3.3. *Green Hill C (Sywell)*

Site	Green Hill Solar - Green Hill C (Sywell)
Route Inspection and AIL Access Report Recently undertaken by Wynns?	Yes
Has Agreement in Principle (AIP) been provided by National Highways in line with the Water Preferred Policy	No formal AIP has been issued by National Highways but they have requested that consideration is given to securing a route from Sutton Bridge. Formal AIP will need to be agreed once final route clearance works are completed. As of 17.04.2025 this is outstanding confirmation. A route investigation from Port of Sutton Bridge has been transmitted for the movement of this transformer to which we are awaiting response from multiple parties.
National Highways AIP Reference Number	TBC once route confirmed.
Proposed port Delivery	Port of Sutton Bridge The port of Sutton Bridge is well established for heavy project cargo and no issues are expected in respect to marine access. It is expected that the AIP will stipulate use of Port of Sutton Bridge in line with the Water Preferred Policy should a negotiable route received clearance.
Maximum Transport Weight considered during the most recent report in line with future project requirements	Weight – 183Te nett transformer Length – 10.00m Width – 4.00m Height – 4.90m
Typical trailer used in route clearance works	16 axle girder frame (269.6Te Gross Vehicle Weight) as shown in drawing number 23-1218.TC02 and 20 axle girder frame (317.0Te Gross Vehicle Weight) as shown in drawing number 23-1218.TC01
Expected delivery date of next planned transformer if known	To be confirmed

Site	Green Hill Solar - Green Hill C (Sywell)
Last Recorded Special Order Movement **(according to available records)**	No movements to this site as is a new development.
Suggested route based on historical information	Turn left from Port of Sutton Bridge, West Bank Road. Turn left to roundabout and turn right onto A17. Turn left A151 Turn left A16 Turn right A47 To avoid unsuitable structure at Dogsthorpe Roundabout, turn left A15. Circumnavigate Eye Roundabout and return along A15. Take exit slip road for A47 to continue along A47. Turn left A43 Turn left A14 At A14 Jct 9 take 4th exit A509 towards Wellingborough Turn right Sywell Road Turn left Moonshine Gap Continue to site (OS Grid Ref: SP 83536 68299)
Is a map available of the proposed route(s)?	Yes – See Attachment 6
Any Known Problems for AIL Access in terms of structures?	No – As of 17.04.2025 we are awaiting responses from local and highway authorities. No issues have arisen at time of production of report. A small detour is required within Peterborough to avoid an unsuitable interchange structure at A47/A15. (OS Grid Ref: TF 20037 02249) Although no issues have arisen at time of production of report it should be recognised that the final status of the proposed route cannot be confirmed until all structural authorities have responded to the route consultation.
Authorities consulted in respect to AIL Access	• Hertfordshire Police • Lincolnshire County Council • Lincolnshire Police • National Highways Area 7 • National Highways East Region • Network Rail • North & West Northants