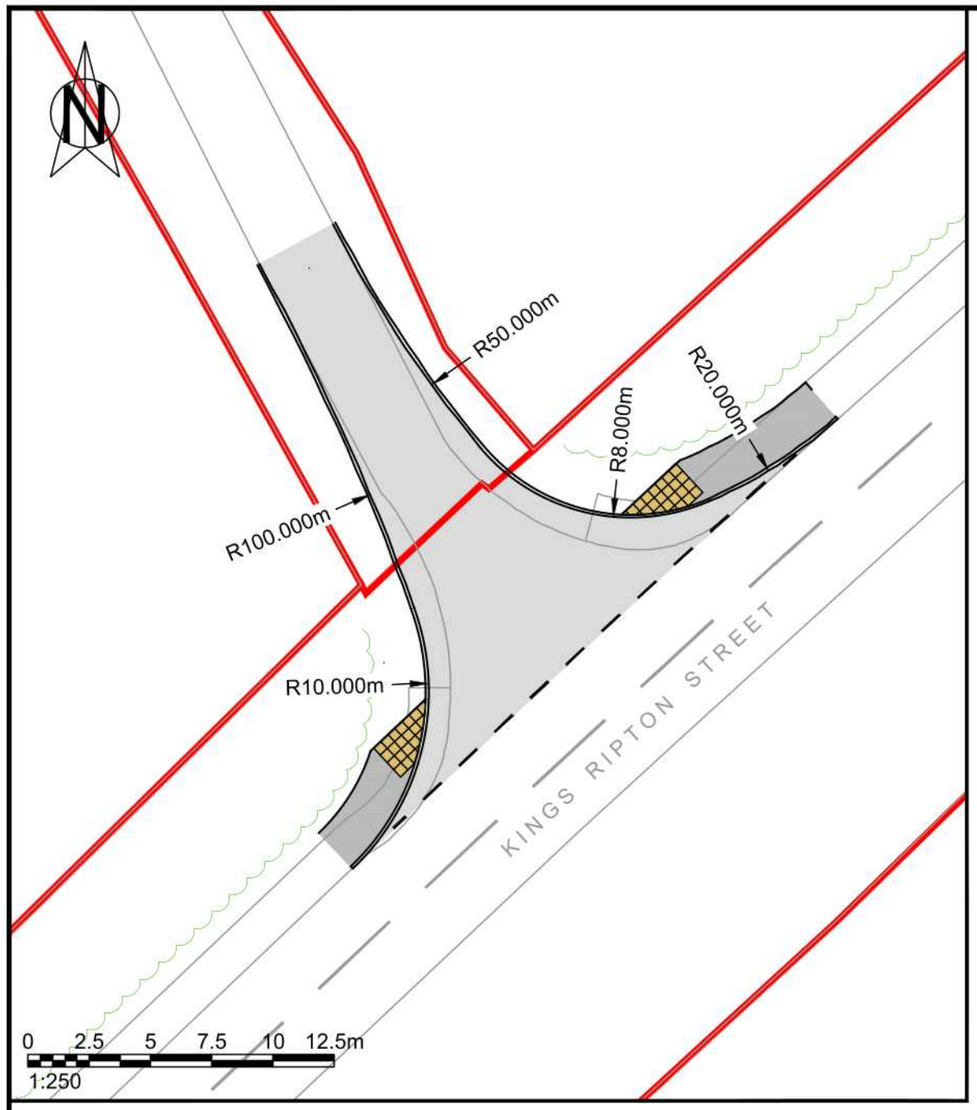


REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	10.11.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
B	28.10.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
A	25.09.2025	Approximate line of existing trees added and visibility splays revised.	DW	JS	KMcM

Issue Status

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

Client
Sapley Park Farms

Project
Kings Ripton Road, Sapley

Drawing Title
Existing Access Improvements
Sheet 1 of 5: General Arrangement

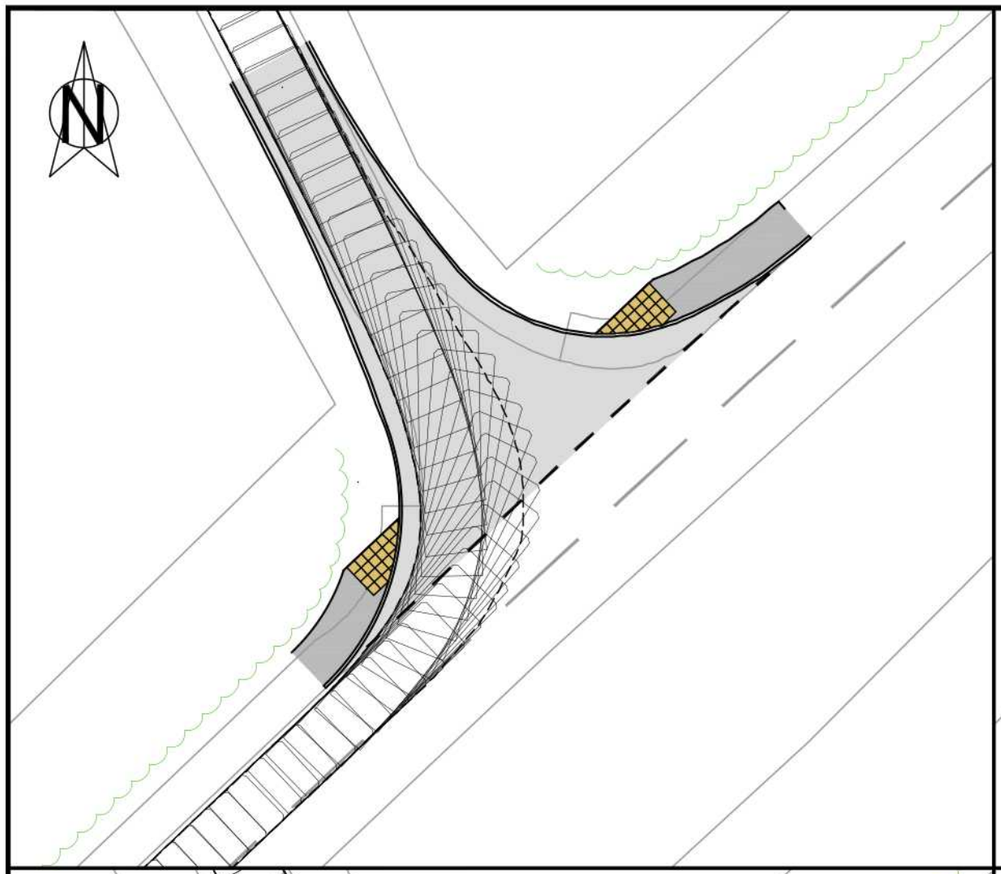
Scale @ A3	Drwn	Chkd
1:250 / 1:1,000	DW	JS
	Aprd: KMcM	Date: 17.09.2025

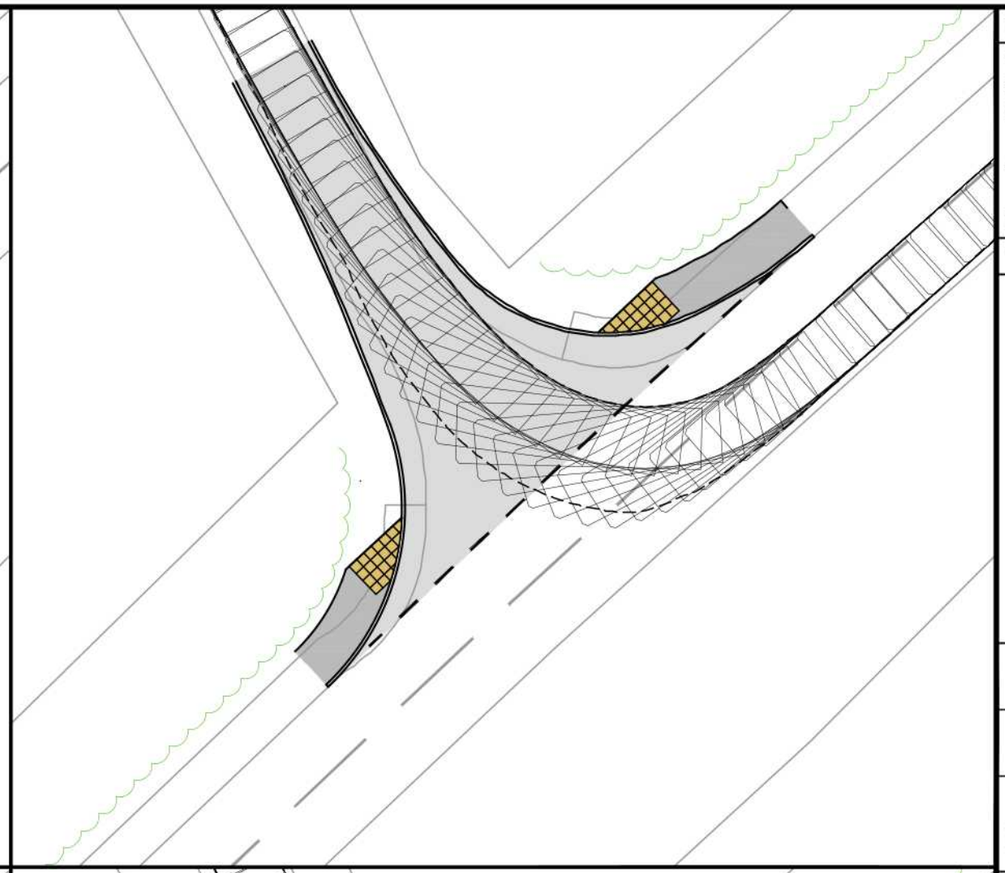
Drawing Ref	Rev
KMC25097 / 004 (1)	C

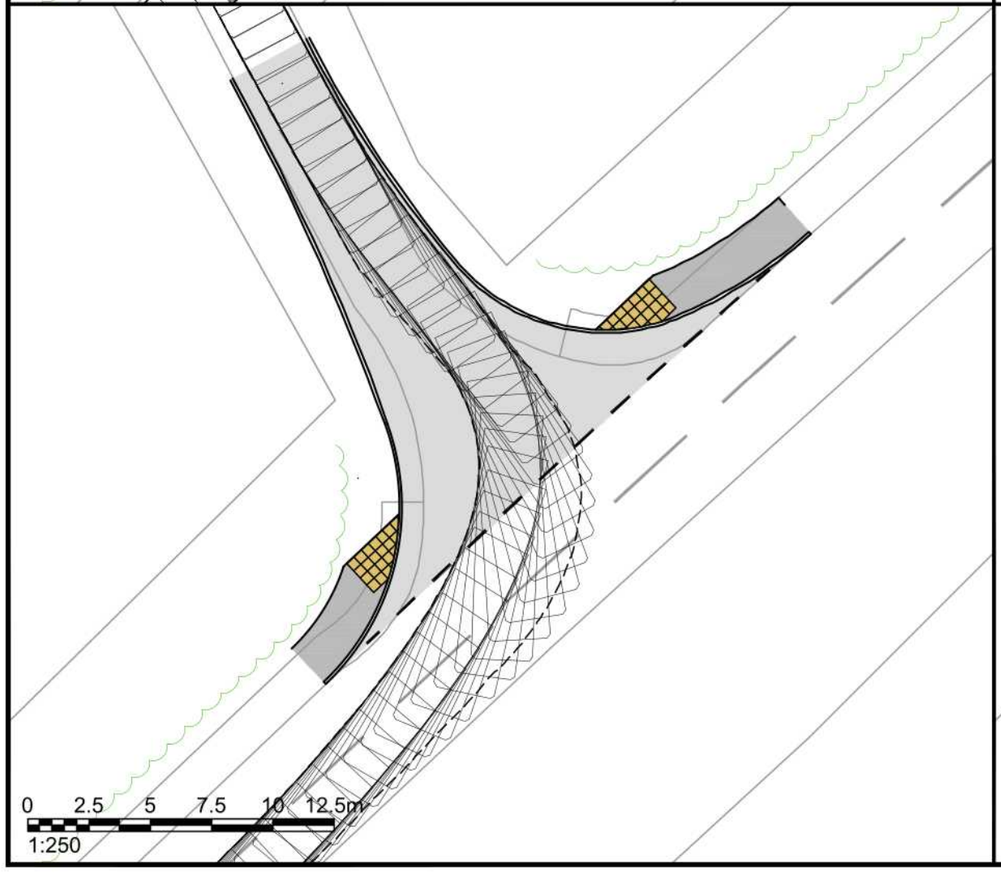
NOTES:

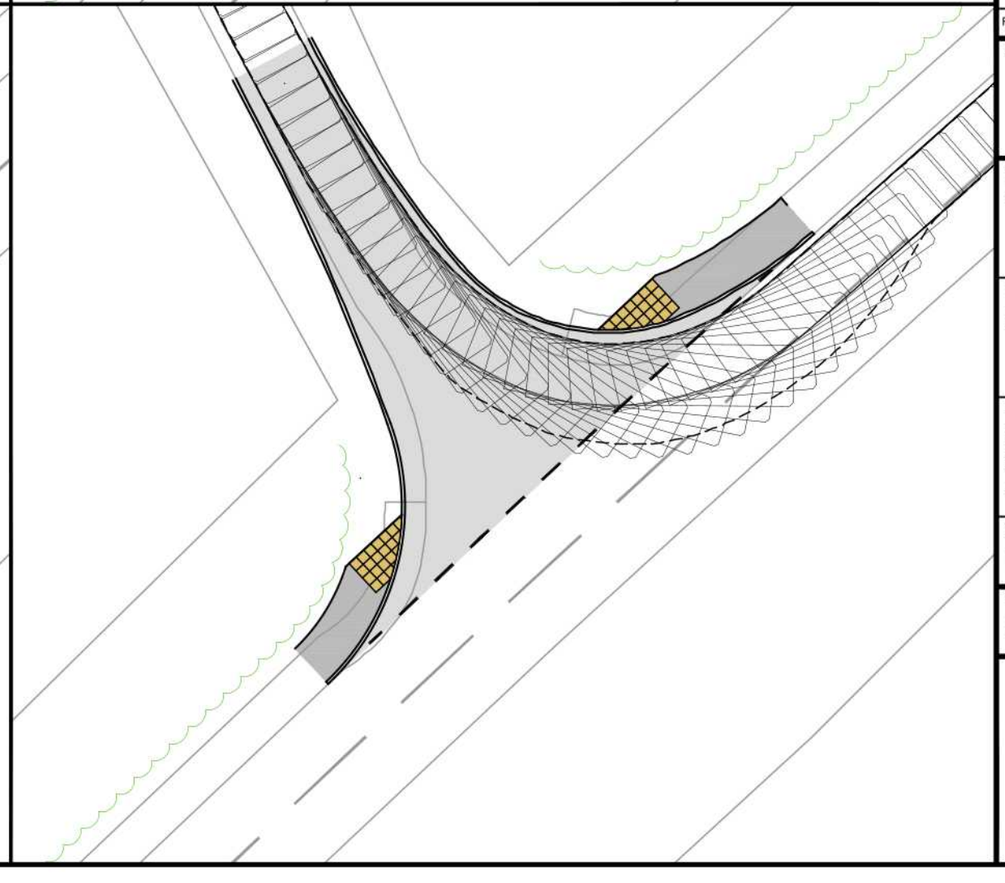
1. (C) This drawing is copyright.
2. All dimensions to be checked on site.
3. Do not scale from this drawing; only figured dimensions are to be worked from.
4. Any discrepancies must be reported immediately before proceeding.
5. This drawing to be read & printed in colour.

kmc transport planning





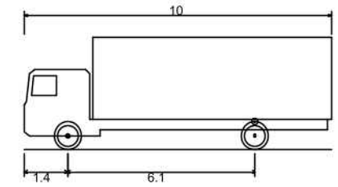




NOTES:

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.

FTA DESIGN HG RIGID VEHICLE (1998)



Overall Length	10.000m
Overall Width	2.500m
Overall Body Height	3.645m
Min Body Ground Clearance	0.440m
Track Width	2.470m
Lock to Lock Time	3.00s
Kerb to Kerb Turning Radius	11.000m

FORWARD MOVEMENTS
(design speed - 5kph)

REVERSE MOVEMENTS
(design speed - 2.5kph)

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	10.11.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
B	28.10.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
A	25.09.2025	Approximate line of existing trees added and visibility splays revised.	DW	JS	KMcM

Issue Status

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

Client
Sapley Park Farms

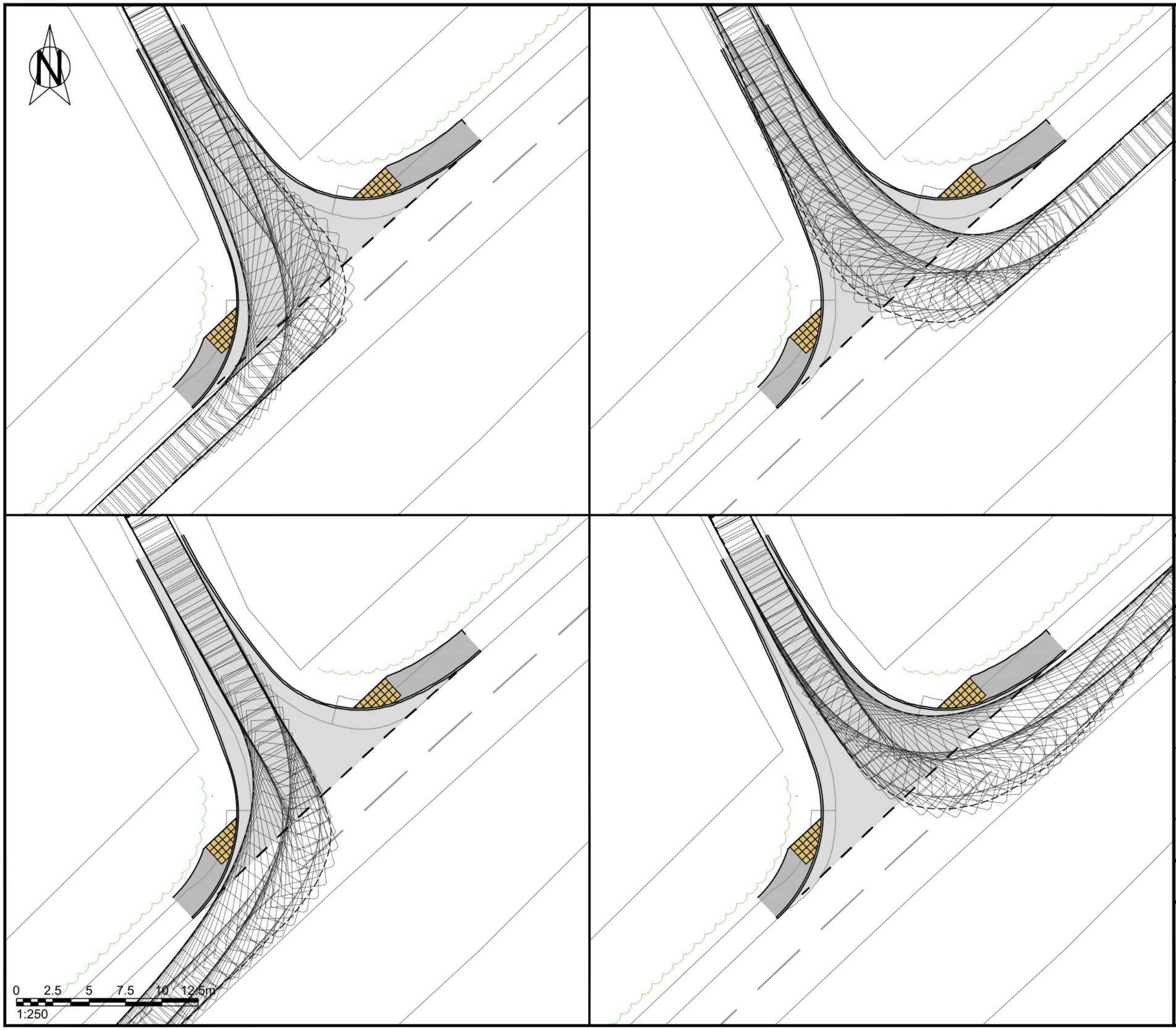
Project
Kings Ripton Road, Sapley

Drawing Title
Existing Access Improvements
Sheet 3 of 5: Vehicular Swept Paths Analysis using FTA Design HG Rigid Vehicle

Scale @ A3	Drwn	Chkd
1:250	DW	JS
	Aprd: KMcM	Date: 17.09.2025

Drawing Ref	Rev
KMC25097 / 004 (3)	C

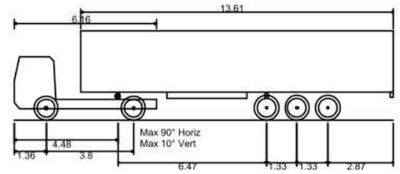
kmc
transport planning



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.

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

FORWARD MOVEMENTS *(design speed - 5kph)*

REVERSE MOVEMENTS *(design speed - 2.5kph)*

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	10.11.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
B	28.10.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
A	25.09.2025	Approximate line of existing trees added and visibility splays revised.	DW	JS	KMcM

Issue Status

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

Client
Sapley Park Farms

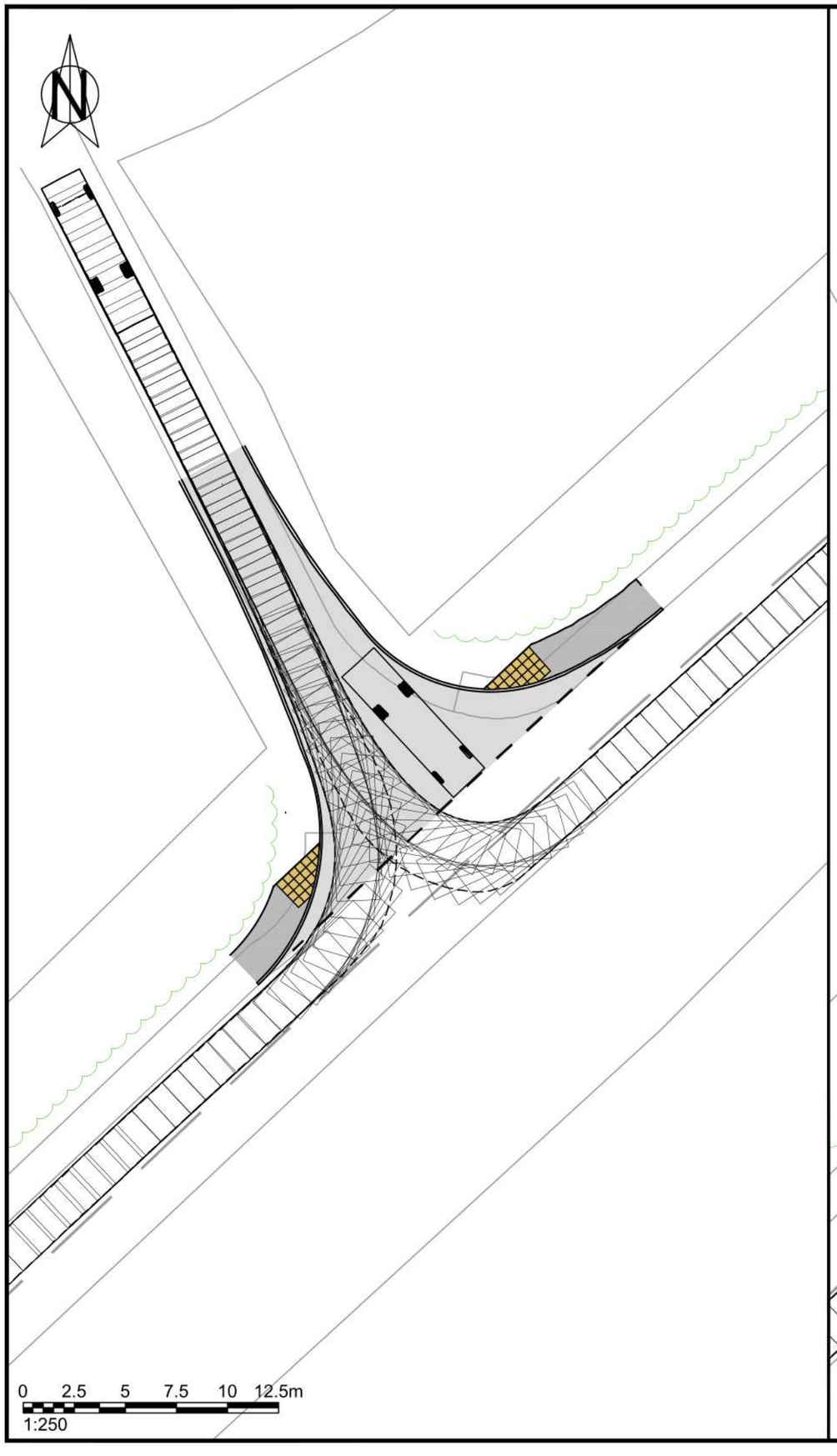
Project
Kings Ripton Road, Sapley

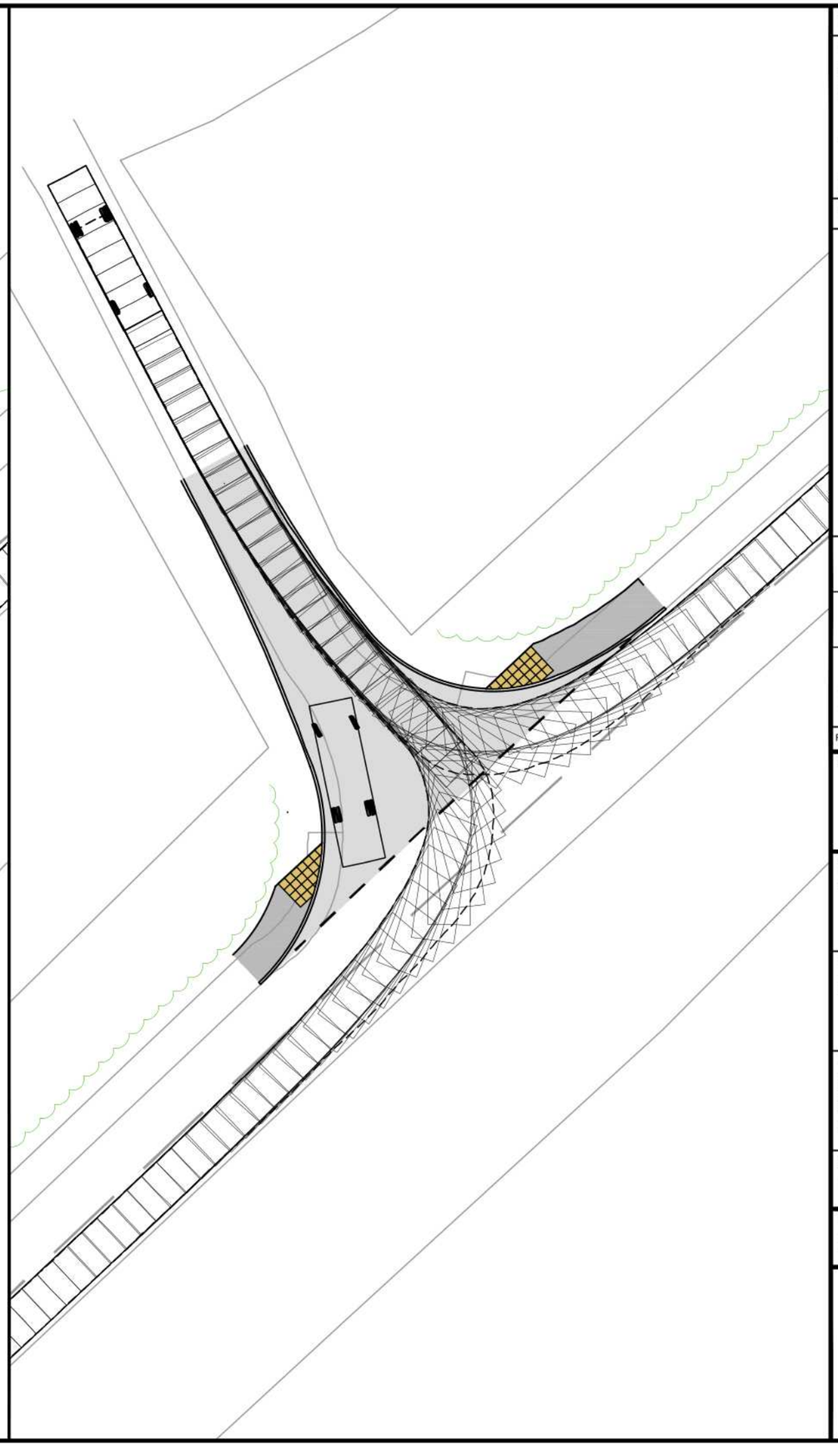
Drawing Title
Existing Access Improvements
Sheet 2 of 5: Vehicular Swept Paths Analysis using FTA Design Articulated Vehicle

Scale @ A3	Drwn DW	Chkd JS
1:250	Aprd KMcM	Date 17.09.2025

Drawing Ref	Rev
KMC25097 / 004 (2)	C

kmc transport planning

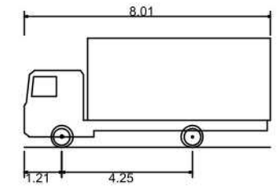




NOTES:

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.

7.5T BOX VAN



Overall Length	8.010m
Overall Width	2.100m
Overall Body Height	3.556m
Min Body Ground Clearance	0.351m
Track Width	2.064m
Lock to Lock Time	4.00s
Kerb to Kerb Turning Radius	7.400m

FORWARD MOVEMENTS *(design speed - 5kph)*

REVERSE MOVEMENTS *(design speed - 2.5kph)*

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	10.11.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
B	28.10.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
A	25.09.2025	Approximate line of existing trees added and visibility splays revised.	DW	JS	KMcM

Issue Status

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

Client
Sapley Park Farms

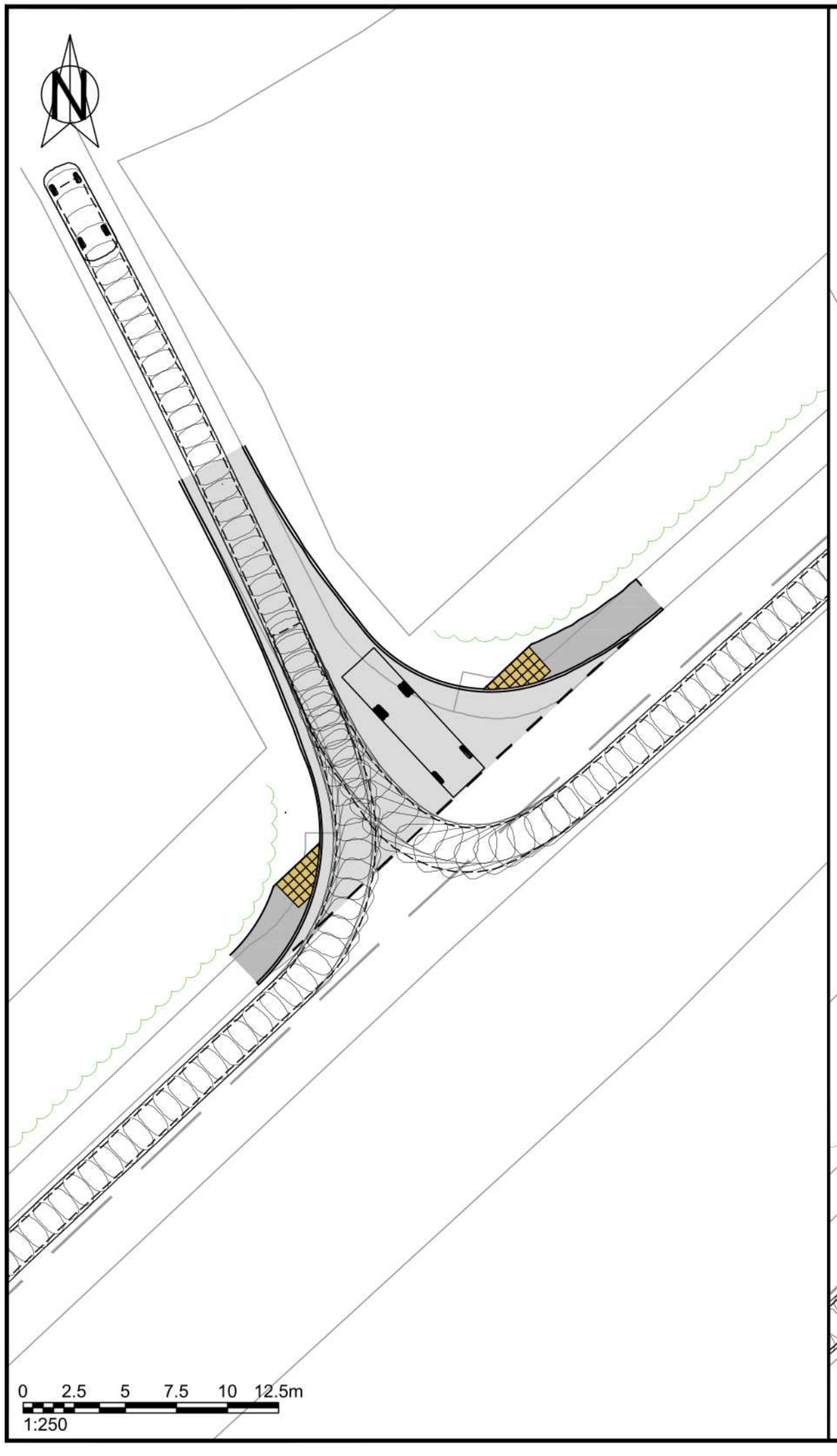
Project
Kings Ripton Road, Sapley

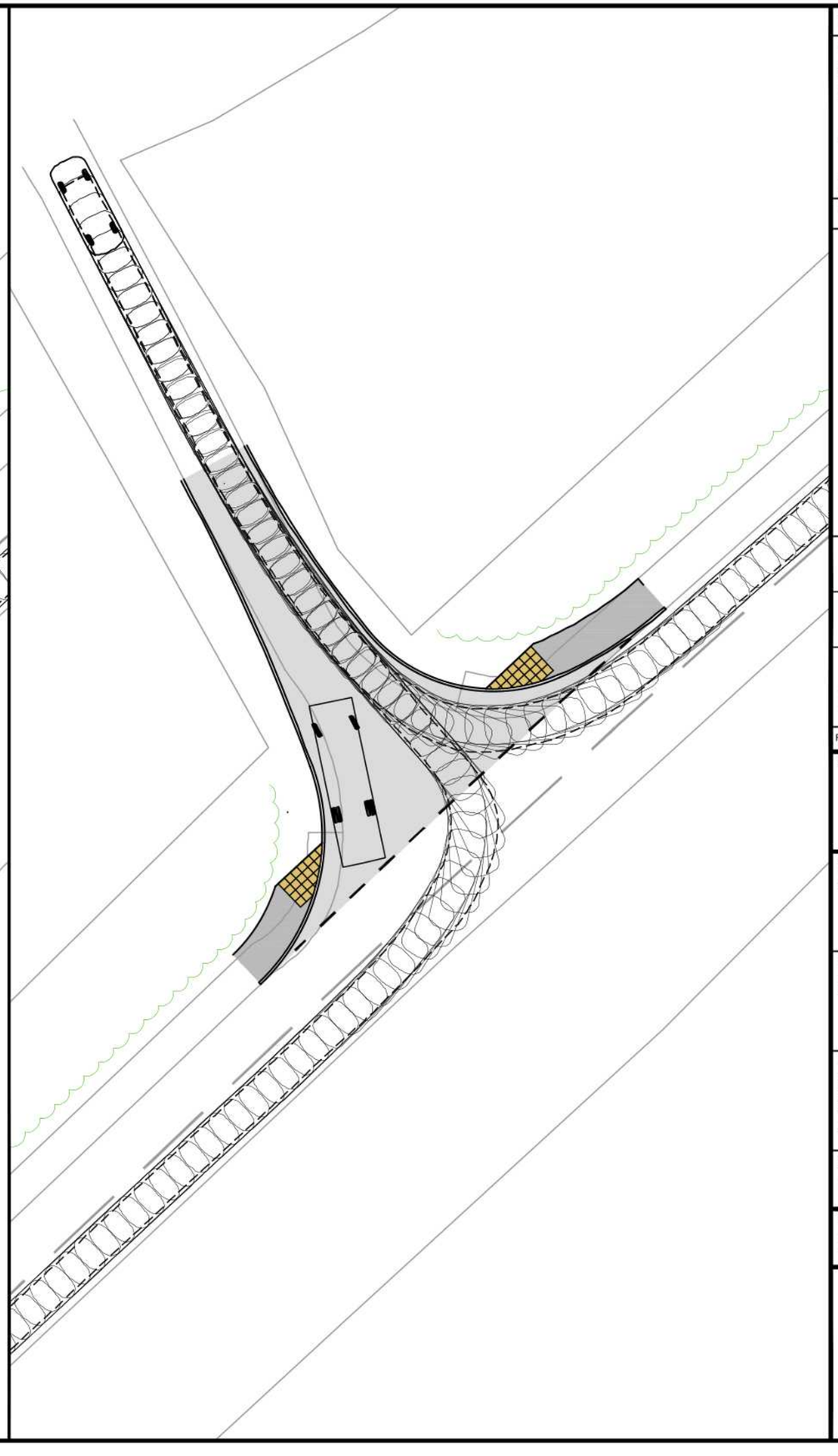
Drawing Title
Existing Access Improvements
Sheet 4 of 5: Vehicular Swept Paths Analysis using 7.5T Box Van

Scale @ A3	Drwn	Chkd
1:250	DW	JS
	Aprd: KMcM	Date: 17.09.2025

Drawing Ref	Rev
KMC25097 / 004 (4)	C

kmc transport planning

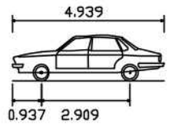




NOTES:

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.

LARGE SIZE CAR (Jaguar S-Type)



Overall Length	4.939m
Overall Width	1.878m
Overall Body Height	1.474m
Min Body Ground Clearance	0.259m
Max Track Width	1.544m
Lock to Lock Time	4.00s
Kerb to Kerb Turning Radius	6.000m

FORWARD MOVEMENTS *(design speed - 5kph)*

REVERSE MOVEMENTS *(design speed - 2.5kph)*

REV	DATE	DESCRIPTION	DRN	CHKD	APRD
C	10.11.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
B	28.10.2025	Pedestrian crossing and footways revised.	DW	JS	KMcM
A	25.09.2025	Approximate line of existing trees added and visibility splays revised.	DW	JS	KMcM

Issue Status

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

Client
Sapley Park Farms

Project
Kings Ripton Road, Sapley

Drawing Title
Existing Access Improvements
Sheet 5 of 5: Vehicular Swept Paths Analysis using Large Size Car / 7.5T Box Van

Scale @ A3	Drwn	Chkd
1:250	DW	JS
	Aprd: KMcM	Date: 17.09.2025

Drawing Ref	Rev
KMC25097 / 004 (5)	C

kmc transport planning