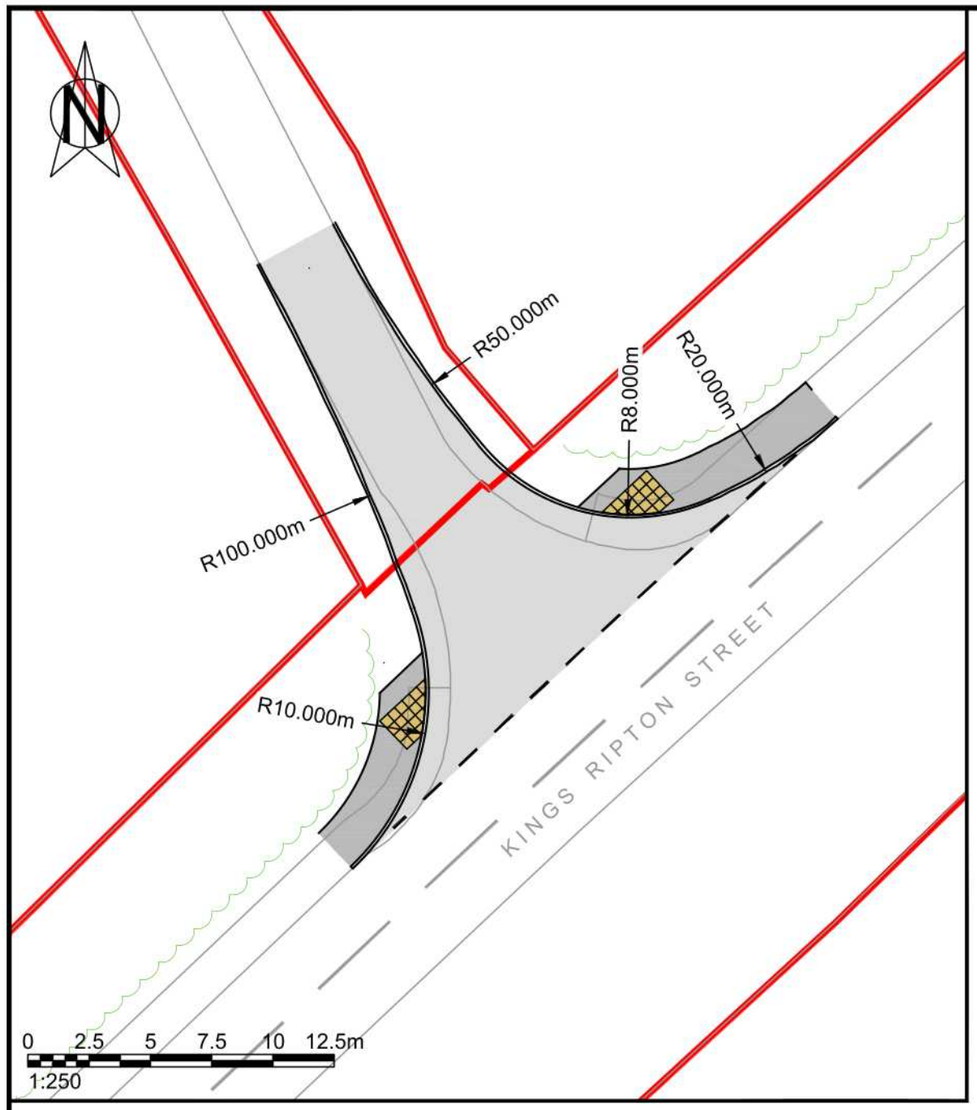






| REV | DATE | DESCRIPTION | DRN | CHKD | APRD |
|---|---|---|---|---|---|
| B | 28.10.2025 | Pedestrian crossing and footways revised. | DW | JS | KMcM |
| A | 25.09.2025 | Approximate line of existing trees added and visibility splays revised. | DW | JS | KMcM |

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

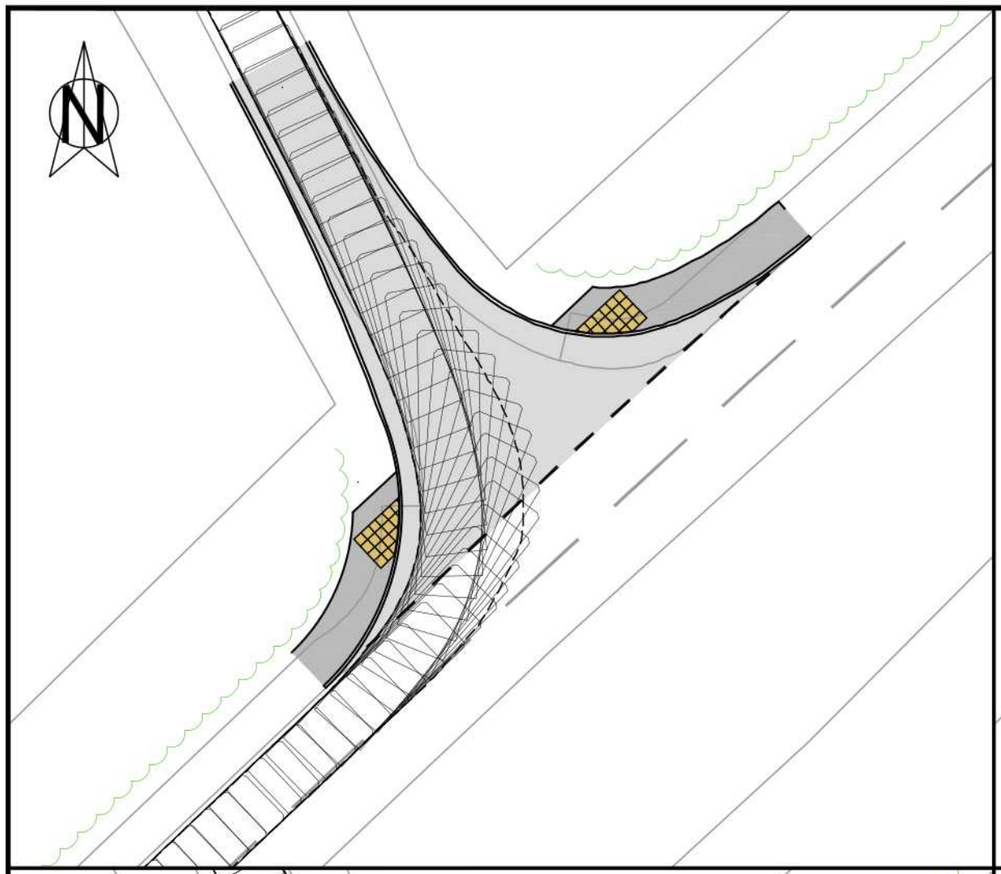
| Scale @ A3 | Drwn | Chkd |
|---|---|---|
| 1:250 / 1:1,000 | DW | JS |
| | Aprd: KMcM | Date: 17.09.2025 |

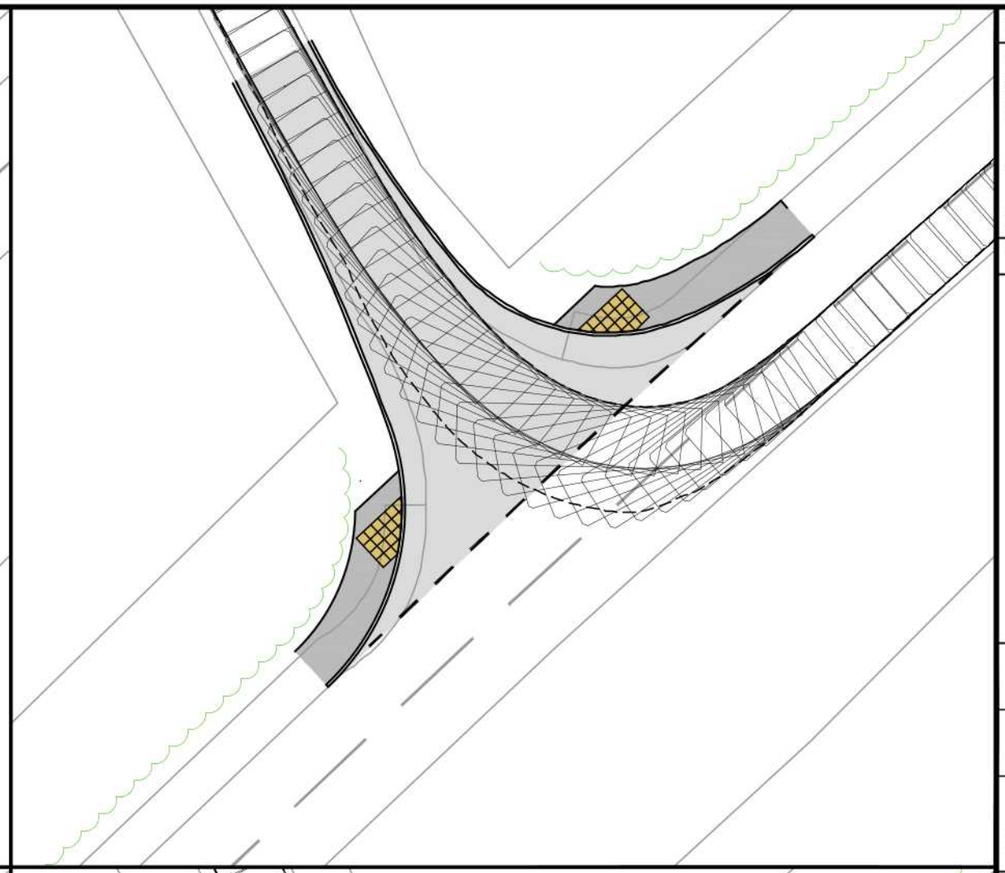
| Drawing Ref | Rev |
|---|---|
| KMC25097 / 004 (1) | B |

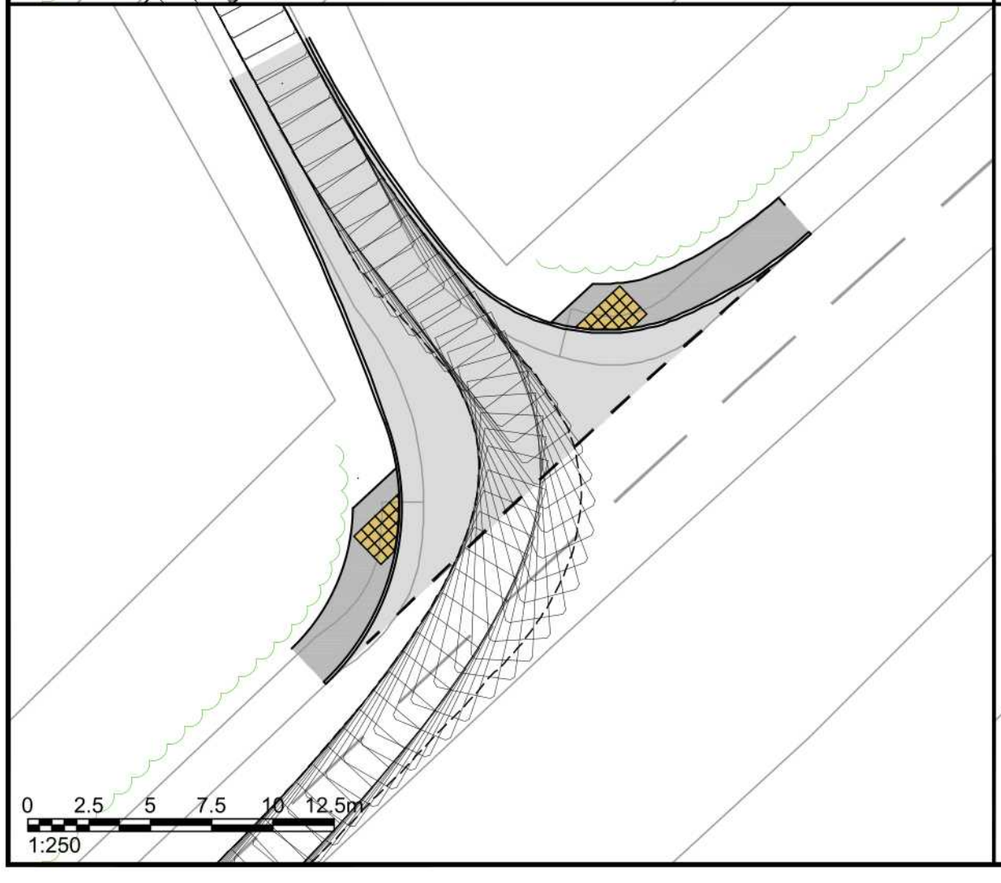
**NOTES:**

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







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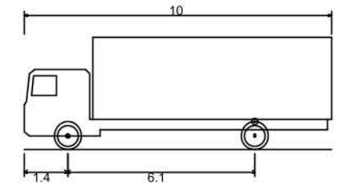
**FTA DESIGN HG RIGID VEHICLE (1998)**




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

Client
Sapley Park Farms

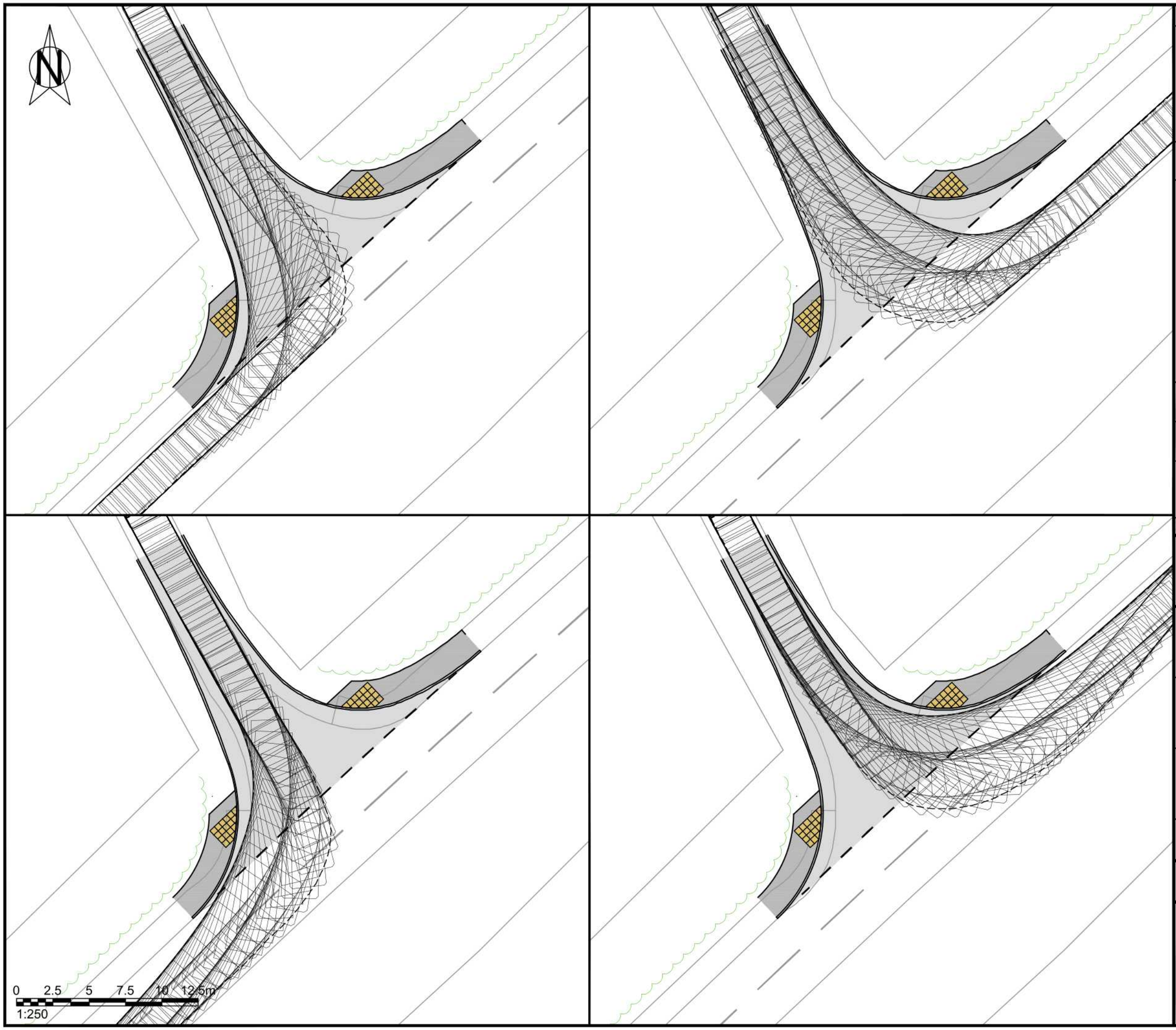
Project
Kings Ripton Road, Sapley

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) | B |

kmc
transport planning




**NOTES:**

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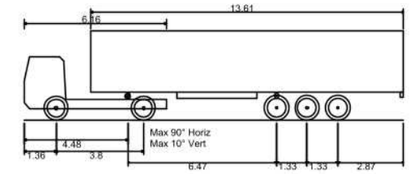
**FTA DESIGN ARTICULATED VEHICLE (1998)**




| | |
|---|---|
| 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 |
|---|---|---|---|---|---|
| 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

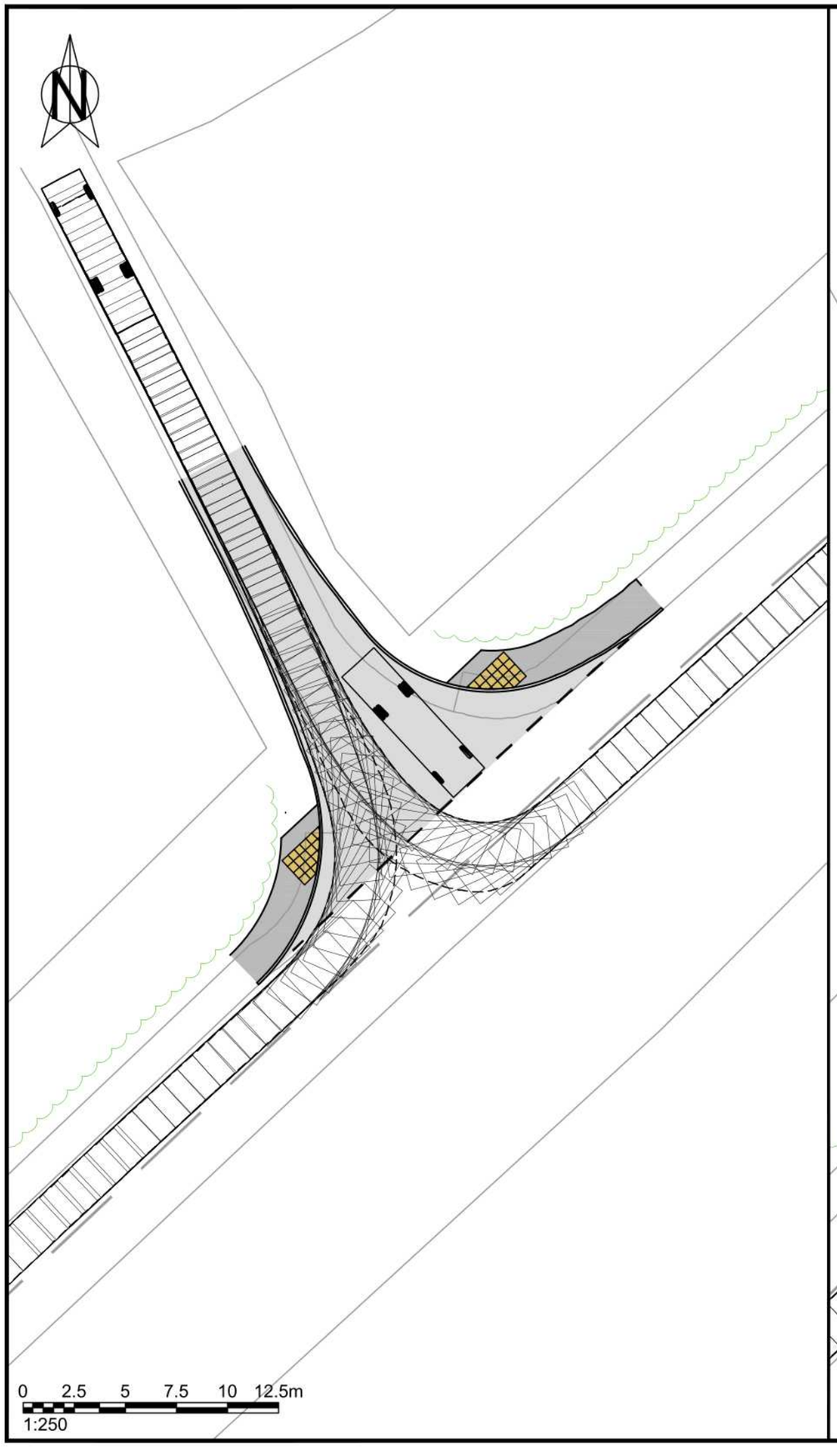
Project
Kings Ripton Road, Sapley

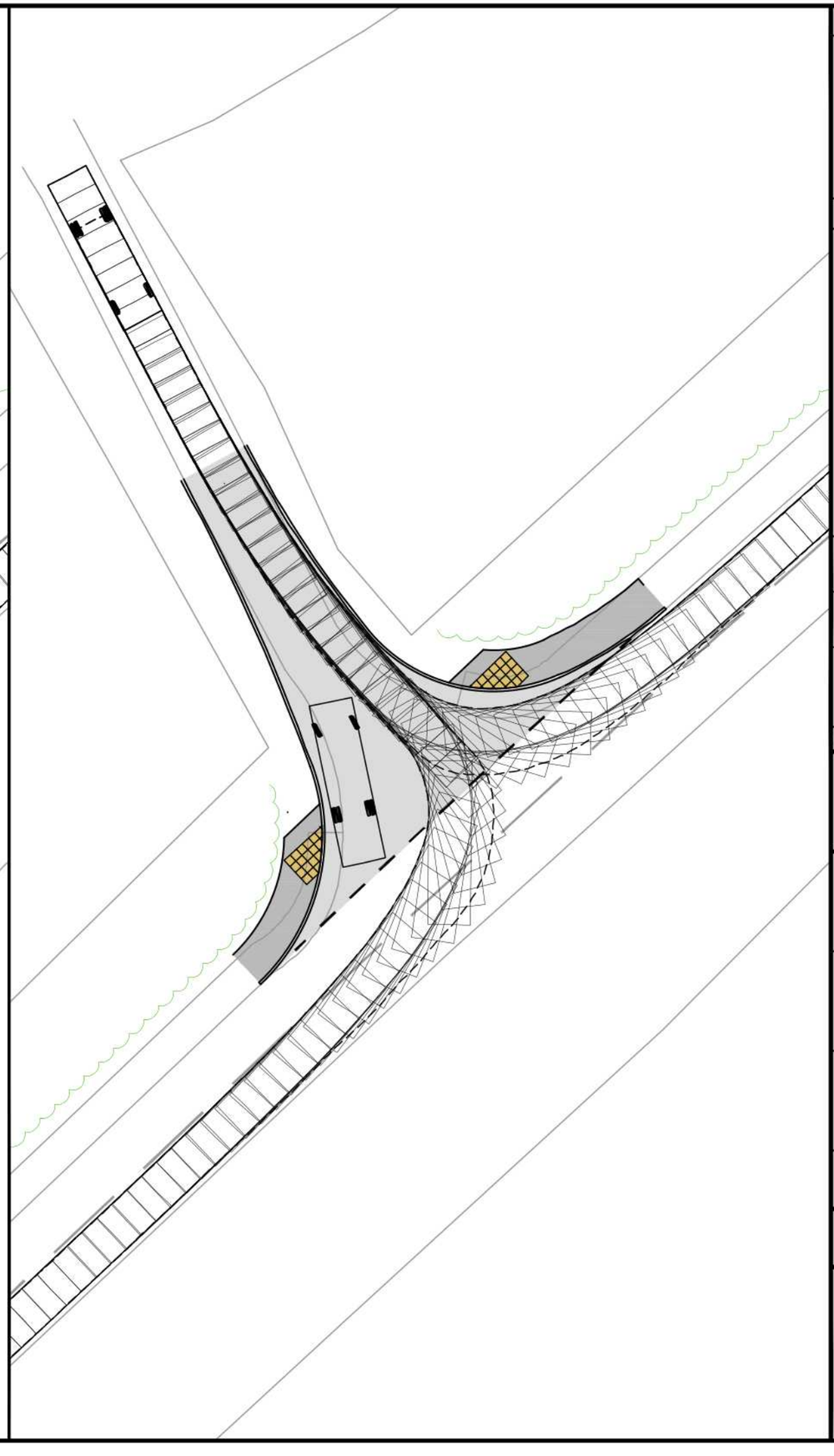
Drawing Title
Existing Access Improvements
Sheet 2 of 5: Vehicular Swept Paths Analysis using FTA Design Articulated Vehicle

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

| Drawing Ref | Rev |
|---|---|
| KMC25097 / 004 (2) | B |

kmc transport planning



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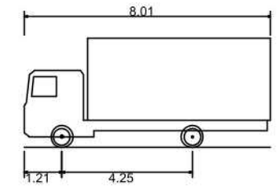
**7.5T BOX VAN**




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

Client
Sapley Park Farms

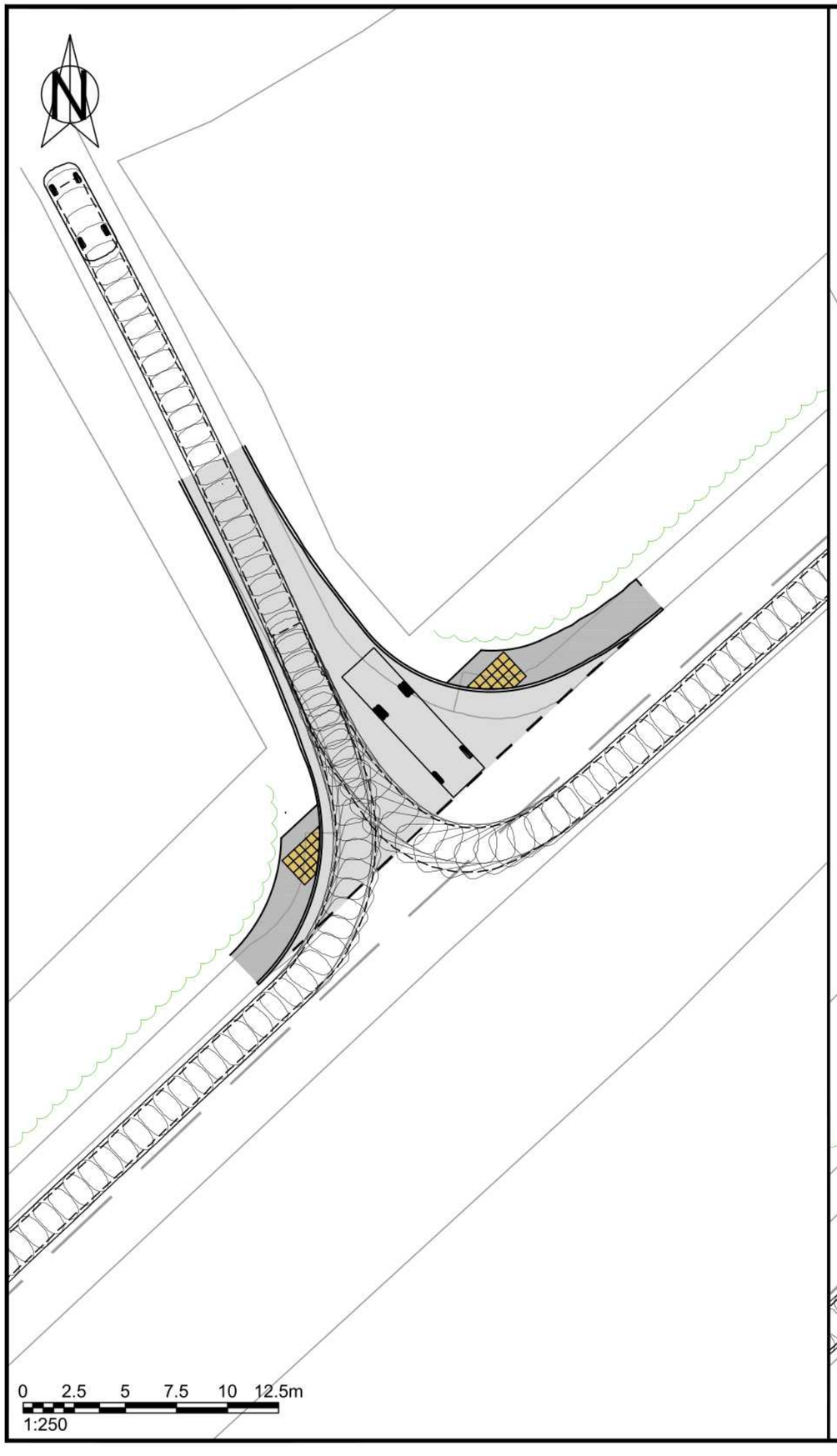
Project
Kings Ripton Road, Sapley

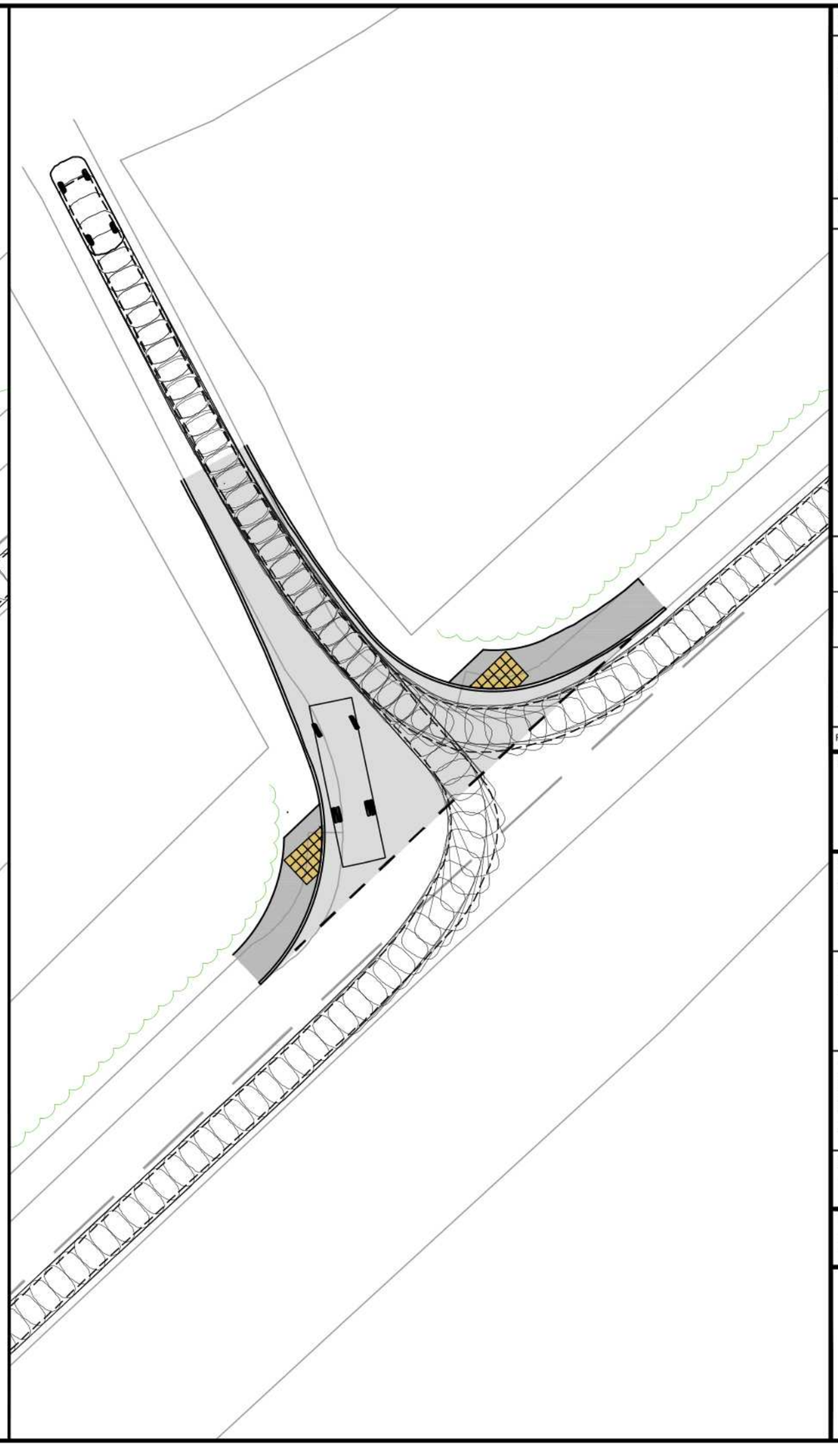
Drawing Title
Existing Access Improvements
Sheet 4 of 5: Vehicular Swept Paths Analysis using 7.5T Box Van

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

| Drawing Ref | Rev |
|---|---|
| KMC25097 / 004 (4) | B |

kmc transport planning



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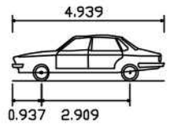
**LARGE SIZE CAR (Jaguar S-Type)**




| | |
|---|---|
| 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 |
|---|---|---|---|---|---|
| B | 28.10.2025 | Pedestrian crossing and footways revised. | DW | JS | KMcM |
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Issue Status

- [ ] CONCEPT
- [ ] CONSTRUCTION
- [x] PRELIMINARY
- [ ] AS BUILT
- [ ] TENDER
- [ ] 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) | B |

kmc transport planning