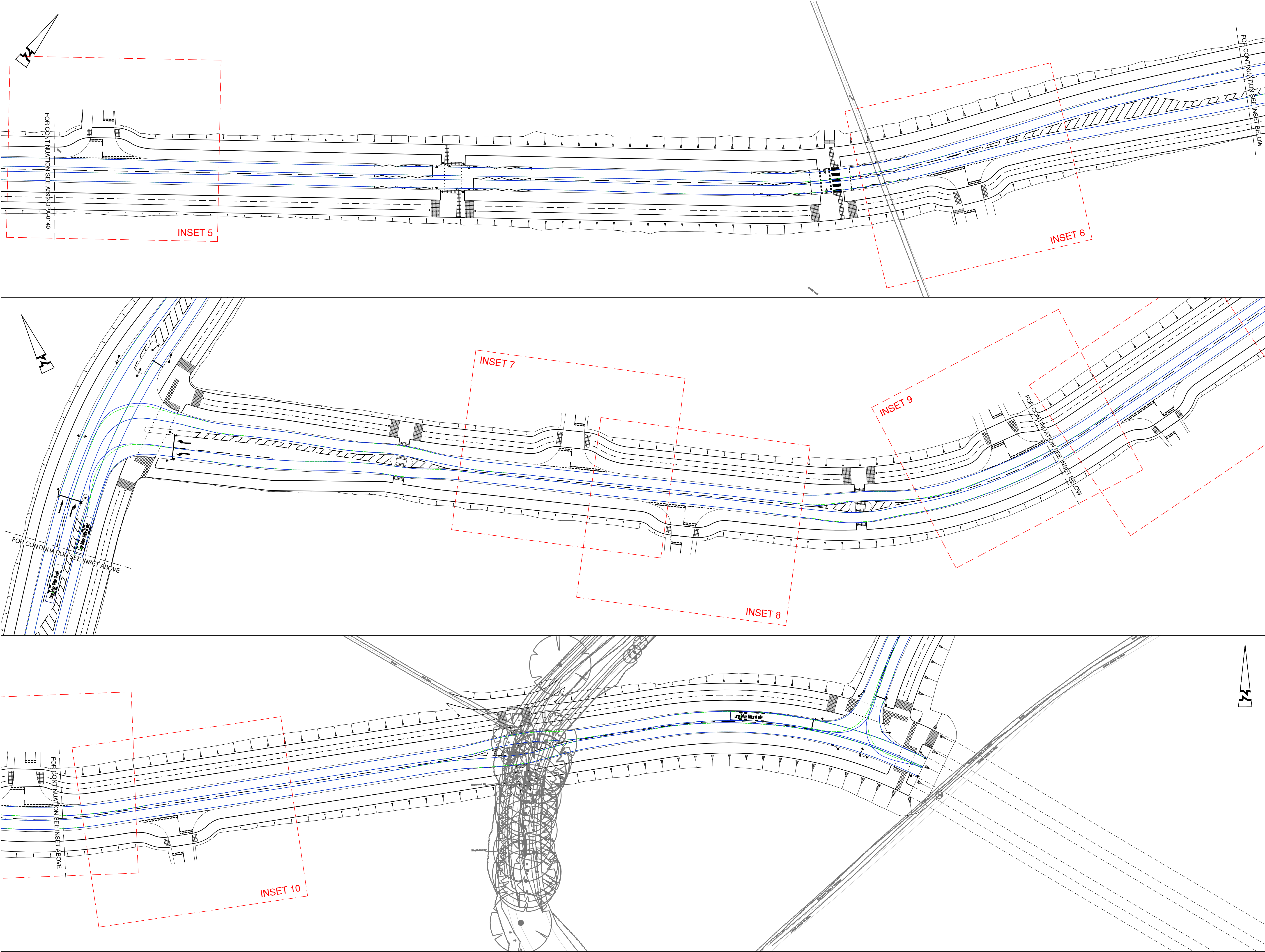




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GENERAL NOTES:

- Do not scale.
- Refer to all other Project Drawings and supporting notes.

VEHICLE DIMENSIONS AND SPECIFICATIONS:

Large Refuse Vehicle (4 axle)

Overall Length	11.347m
Overall Width	2.500m
Overall Body Height	3.751m
Min Body Ground Clearance	2.500m
Track Width	2.500m
Lock to lock time	6.000m
Wall to Wall Turning Radius	11.330m

Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to lock time	4.000m
Wall to Wall Turning Radius	6.000m

KEY:

- Approach Sightlines to Junction
- 120m Roundabout Visibility Splay (40mph, DMRB CD109)
- 43m Roundabout Visibility Splay (30mph, MIS)

0 5 10 15 20 25m
Scale 1:500

KEY PLAN
NTS

Redline Boundary

B	07.25	KEY PLAN REDLINE BOUNDARY UPDATED	CS	LPA
A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked

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Project

LODDON GARDEN VILLAGE

Title

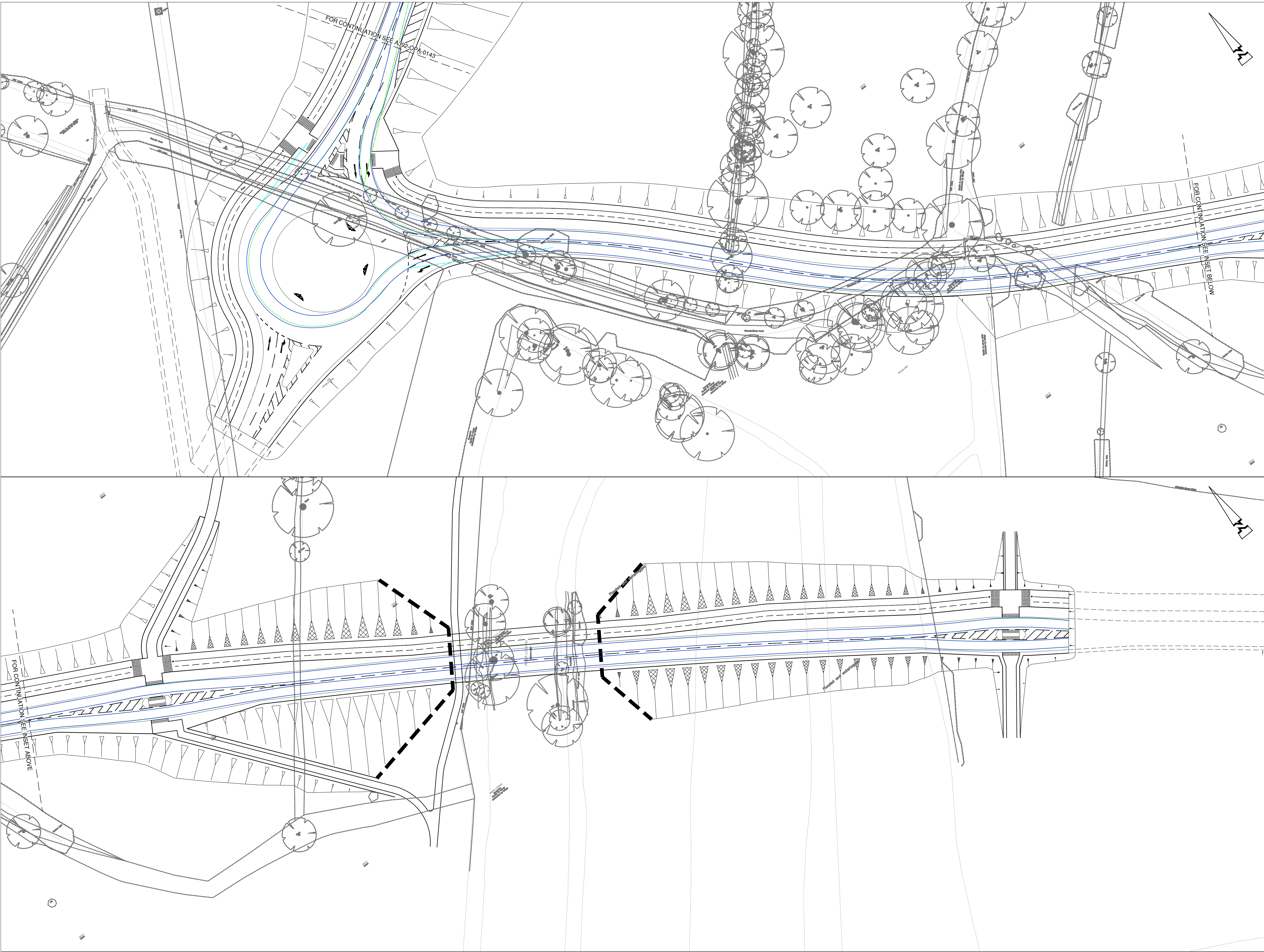
REFUSE VEHICLE AND FIRE TENDER SWEPT PATHS
SHEET 2 OF 6

Status

Scale	Date	Drawn	Checked
1:500 @ A1	JUN 2025	RG	CS

Drawing No: A392-OPA-0141

Revision: B



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GENERAL NOTES:

- Do not scale.
- Refer to all other Project Drawings and supporting notes.

VEHICLE DIMENSIONS AND SPECIFICATIONS:

Large Refuse Vehicle (4 axle)

Overall Length	11.347m
Overall Width	2.500m
Overall Body Height	3.751m
Min Body Ground Clearance	2.500m
Track Width	2.500m
Lock to lock time	4.000m
Wall to Wall Turning Radius	11.330m

Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to lock time	4.000m
Wall to Wall Turning Radius	6.000m

KEY:

- Approach Sightlines to Junction
- 120m Roundabout Visibility Splay (40mph, DMRB CD109)
- 43m Roundabout Visibility Splay (30mph, MIS)

0 5 10 15 20 25m
Scale 1:500

KEY PLAN
NTS
Redline Boundary

B	07.25	KEY PLAN REDLINE BOUNDARY UPDATED	CS	LPA
A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked

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Project

LODDON GARDEN VILLAGE

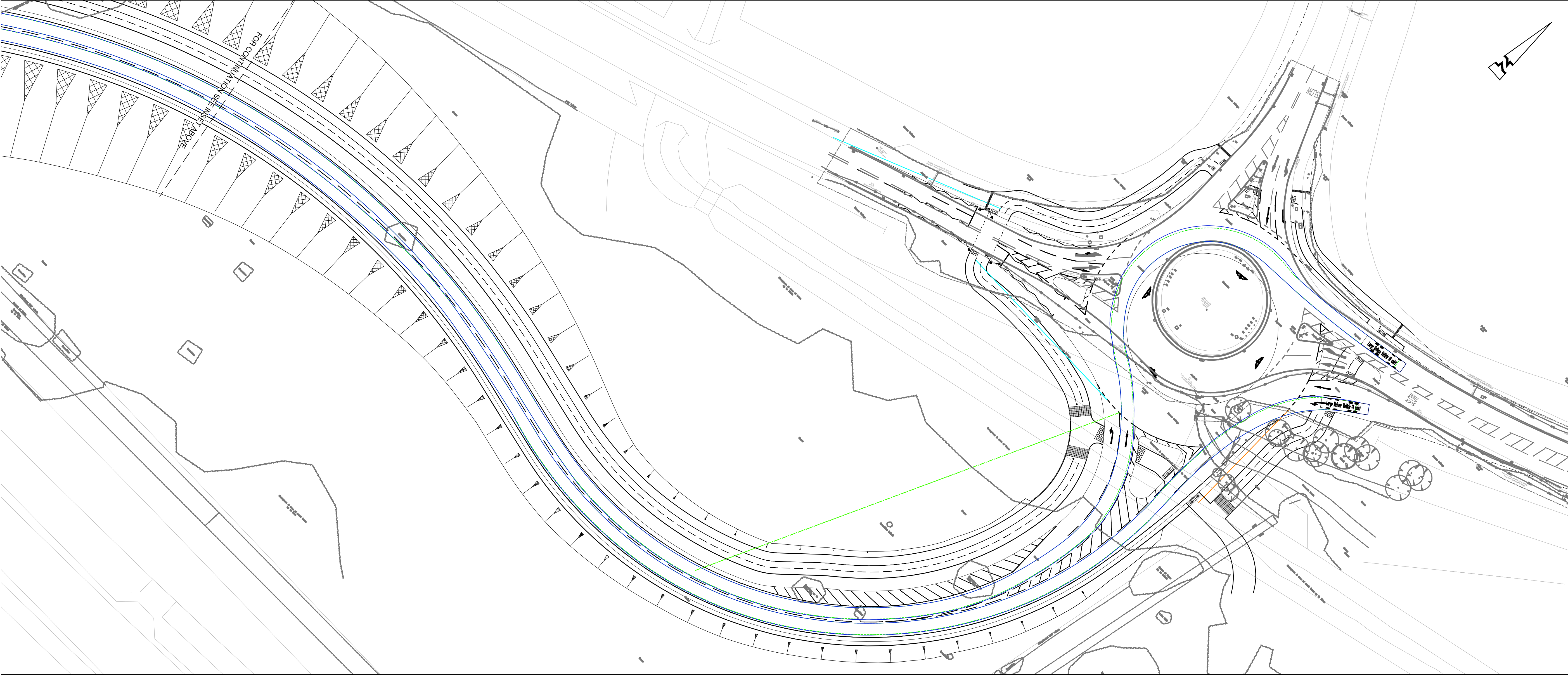
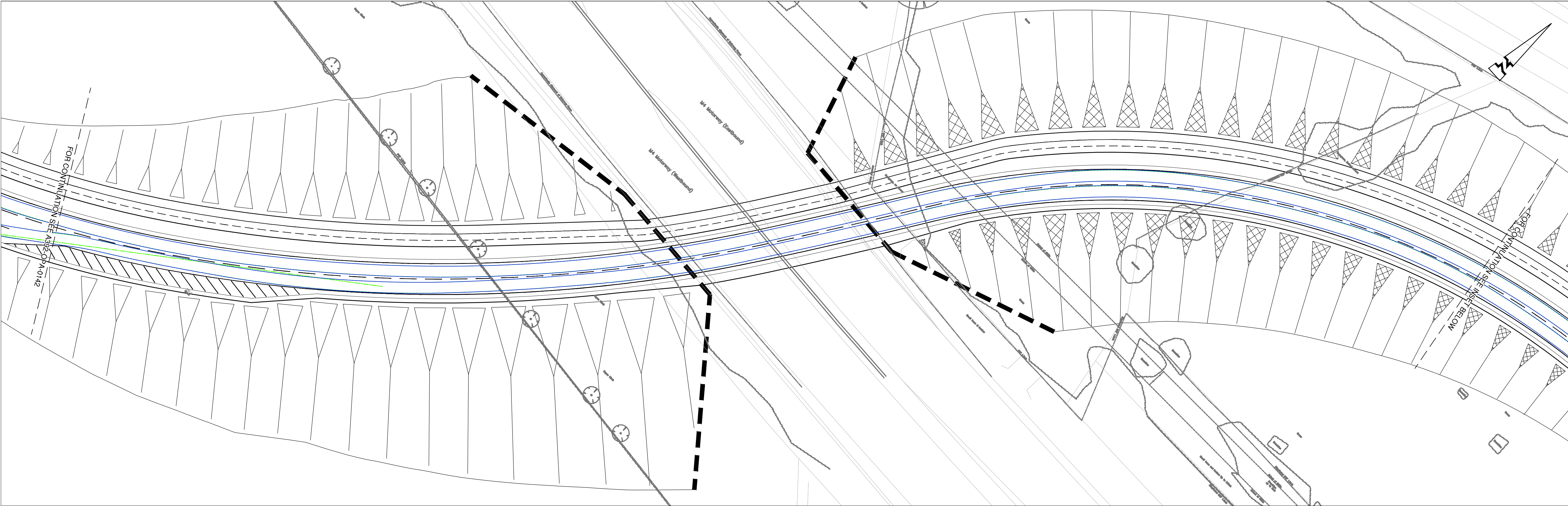
Title

REFUSE VEHICLE AND FIRE TENDER SWEEP PATHS
SHEET 3 OF 6

Status

Scale	Date	Drawn	Checked
1:500 @ A1	JUN 2025	RG	CS

Drawing No.	Revision
A392-OPA-0142	B



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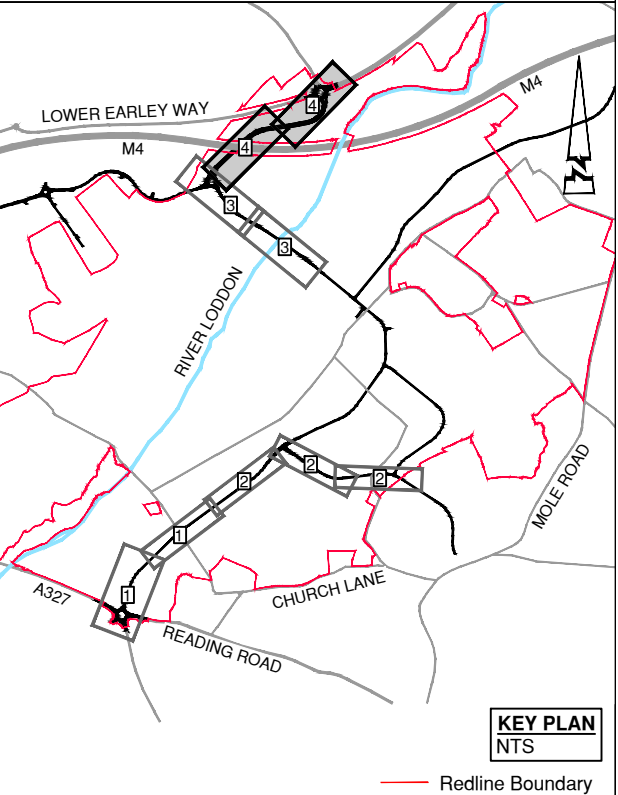
- GENERAL NOTES:
- Do not scale.
 - Refer to all other Project Drawings and supporting notes.

VEHICLE DIMENSIONS AND SPECIFICATIONS:

	Large Refuse Vehicle (4 axle)	11.347m
	Standard Design Vehicle (SDV)	4.800m

- KEY:
- Approach Sightlines to Junction
 - 120m Roundabout Visibility Splay (40mph, DMRB CD109)
 - 43m Roundabout Visibility Splay (30mph, MIS)

Scale 1:500



B	07.25	KEY PLAN REDLINE BOUNDARY UPDATED	CS	LPA
A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked



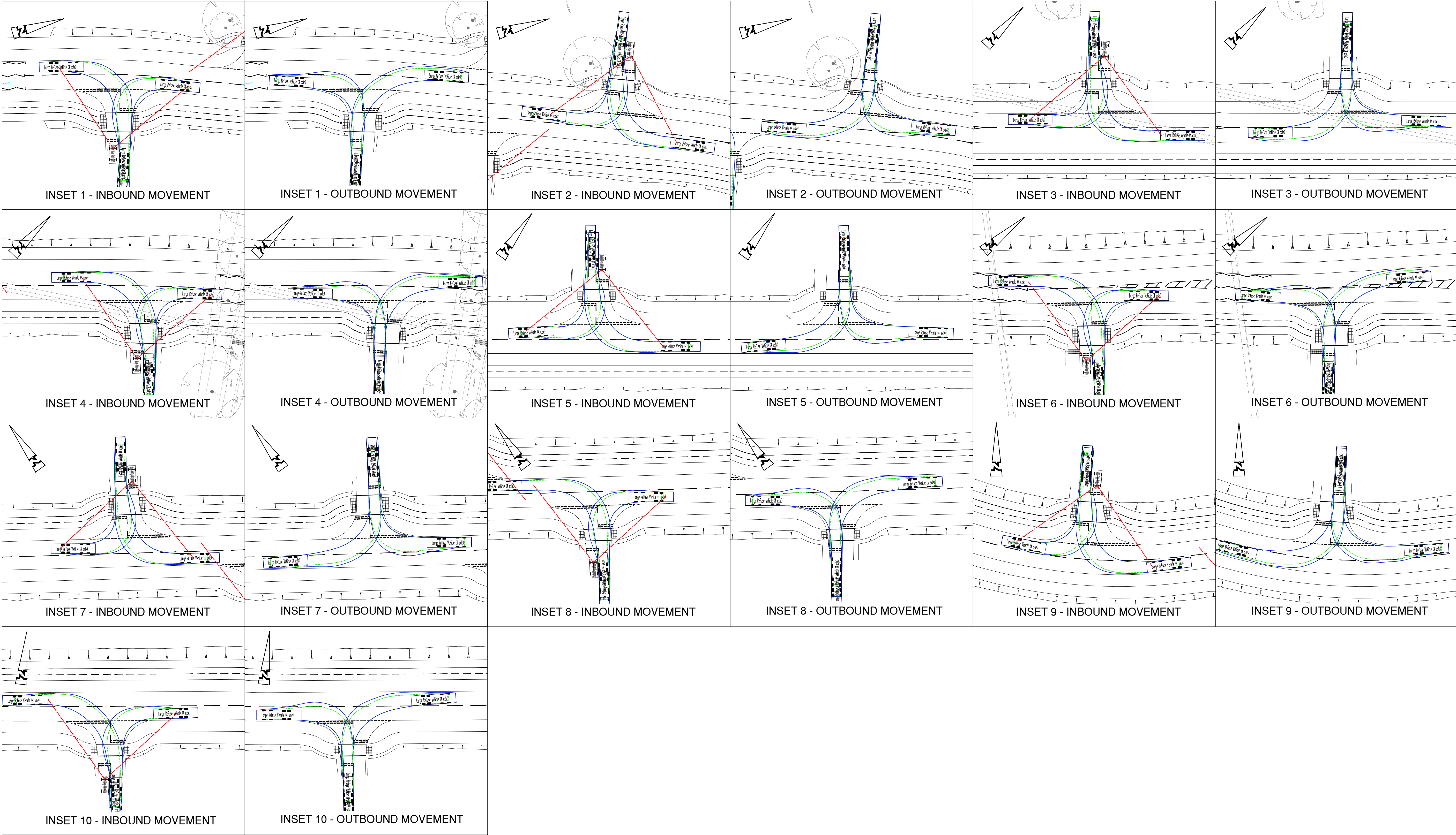
Client
UNIVERSITY OF READING

Project
LODDON GARDEN VILLAGE

Title
REFUSE VEHICLE AND FIRE TENDER SWEPT PATHS
SHEET 4 OF 6

Status

Scale	Date	Drawn	Checked
1:500 @ A1	JUN 2025	RG	CS
Drawing No.	Revision		
A392-OPA-0143	B		



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VEHICLE DIMENSIONS AND SPECIFICATIONS:

Large Refuse Vehicle (4 axle)

Overall Length	11.347m
Overall Width	2.500m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock to lock time	6.009s
Wall to Wall Turning Radius	11.330m

Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to lock time	4.009s
Wall to Wall Turning Radius	6.000m

KEY:

- Approach Sightlines to Junction
- 120m Roundabout Visibility Splay (40mph, DMRB CD109)
- 43m Roundabout Visibility Splay (30mph, MIS)

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Rev	Date	Description	Drawn	Checked

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LODDON GARDEN VILLAGE

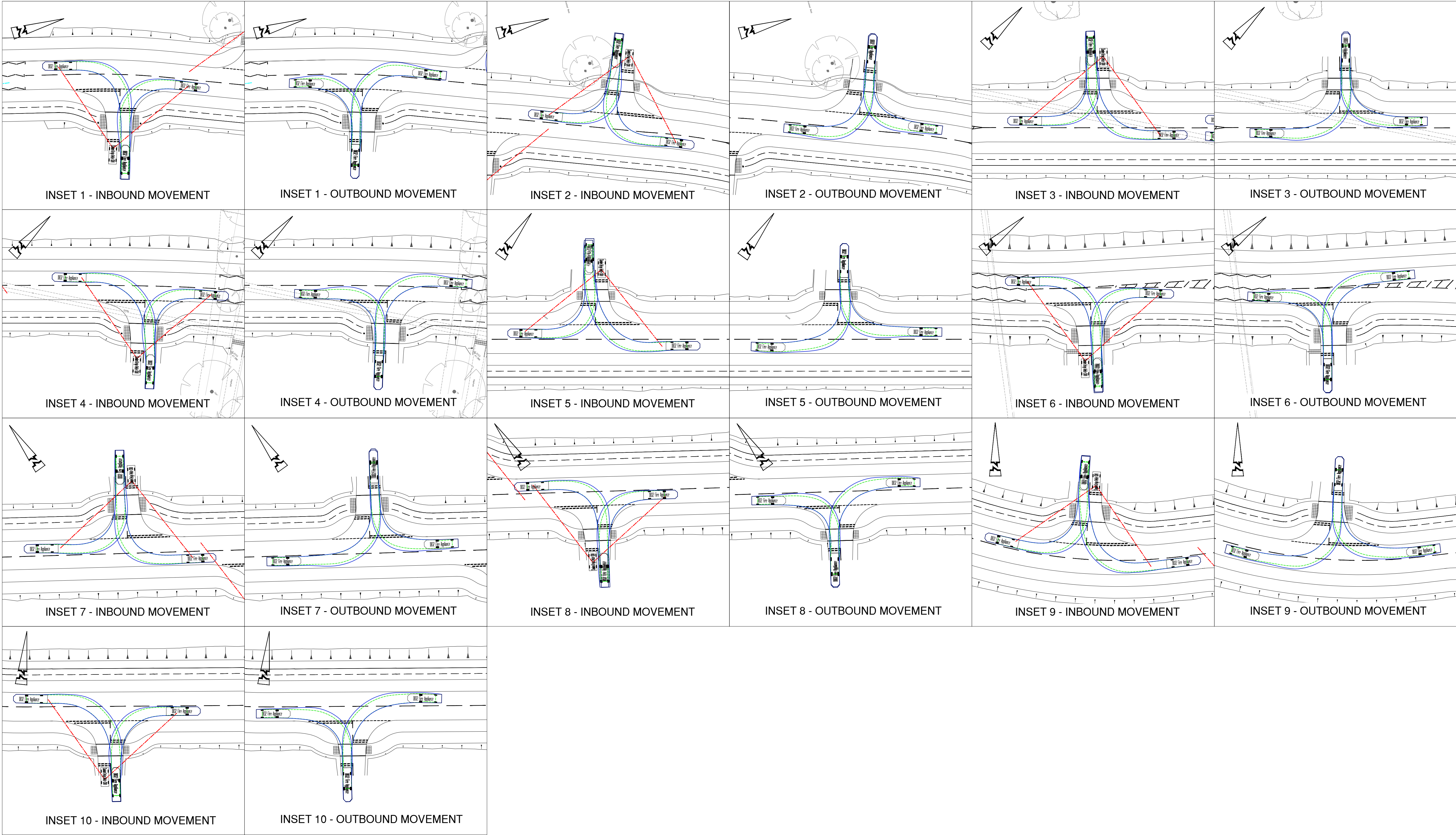
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REFUSE VEHICLE AND FIRE TENDER SWEPT PATHS
SHEET 5 OF 6

Status

Scale	Date	Drawn	Checked
1:500 @ A1	JUN 2025	RG	CS

Drawing No	Revision
A392-OPA-0144	A



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GENERAL NOTES:

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VEHICLE DIMENSIONS AND SPECIFICATIONS:

DB32 Fire Appliance
Overall Length 8.680m
Overall Width 2.150m
Overall Body Height 3.450m
Min Body Ground Clearance 0.337m
Max Track Width 2.121m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 7.910m

Standard Design Vehicle (SDV)
Overall Length 4.800m
Overall Width 2.000m
Overall Body Height 1.900m
Min Body Ground Clearance 0.100m
Track Width 2.000m
Lock to lock time 4.00s
Wall to Wall Turning Radius 6.000m

KEY:

- Approach Sightlines to Junction
- 120m Roundabout Visibility Splay (40mph, DMRB CD109)
- 43m Roundabout Visibility Splay (30mph, MIS)

A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked

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LODDON GARDEN VILLAGE

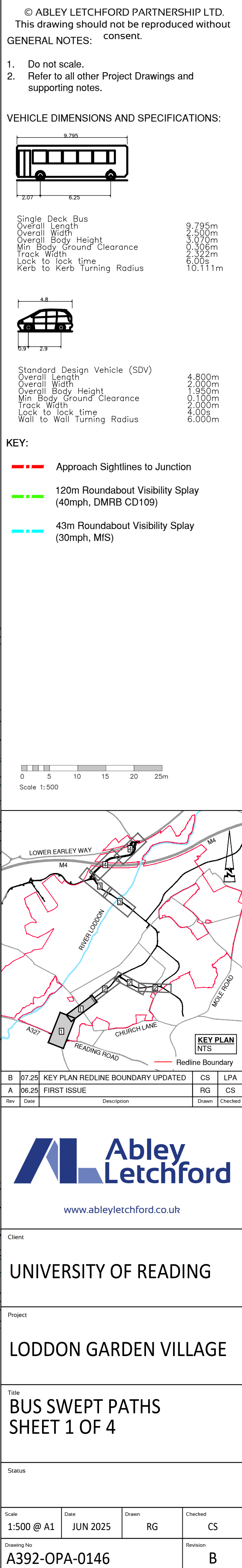
Title

REFUSE VEHICLE AND FIRE TENDER SWEEP PATHS
SHEET 6 OF 6

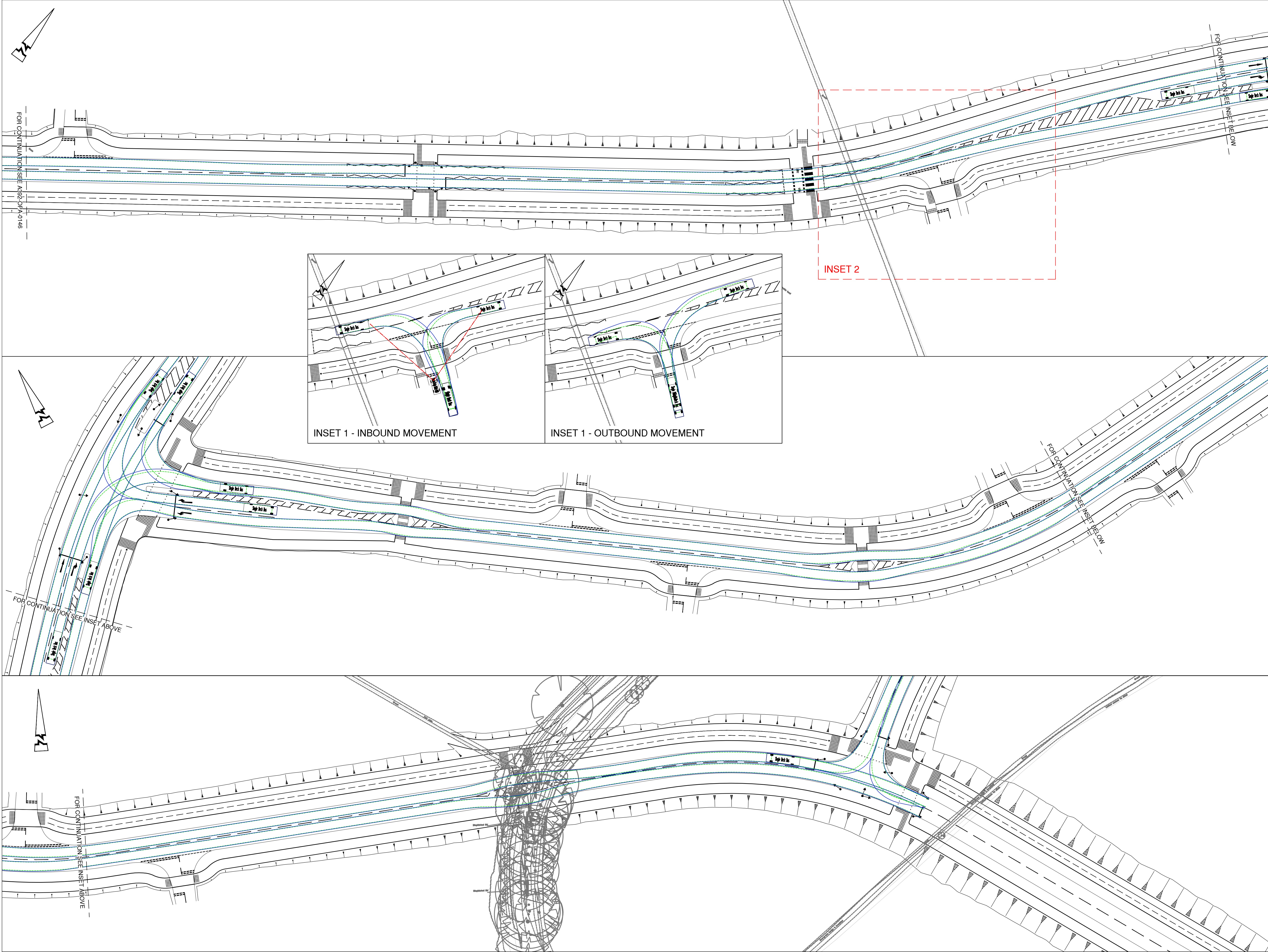
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Scale	Date	Drawn	Checked
1:500 @ A1	JUN 2025	RG	CS

Drawing No	Revision
A392-OPA-0145	A



Drawing No	Revision
A392-OPA-0146	B



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VEHICLE DIMENSIONS AND SPECIFICATIONS:

Single Deck Bus

- Overall Length 9.795m
- Overall Width 2.500m
- Overall Body Height 3.070m
- Min. Body Ground Clearance 2.325m
- Track Width 2.000m
- Lock to lock time 4.90s
- Kerb to Kerb Turning Radius 10.111m

Standard Design Vehicle (SDV)

- Overall Length 4.800m
- Overall Width 2.000m
- Overall Body Height 1.900m
- Min. Body Ground Clearance 0.100m
- Track Width 2.000m
- Lock to lock time 2.000m
- Wall to Wall Turning Radius 6.000m

KEY:

- Approach Sightlines to Junction
- 120m Roundabout Visibility Splay (40mph, DMRB CD109)
- 43m Roundabout Visibility Splay (30mph, MIS)

B	07.25	KEY PLAN REDLINE BOUNDARY UPDATED	CS	LPA
A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked

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Project

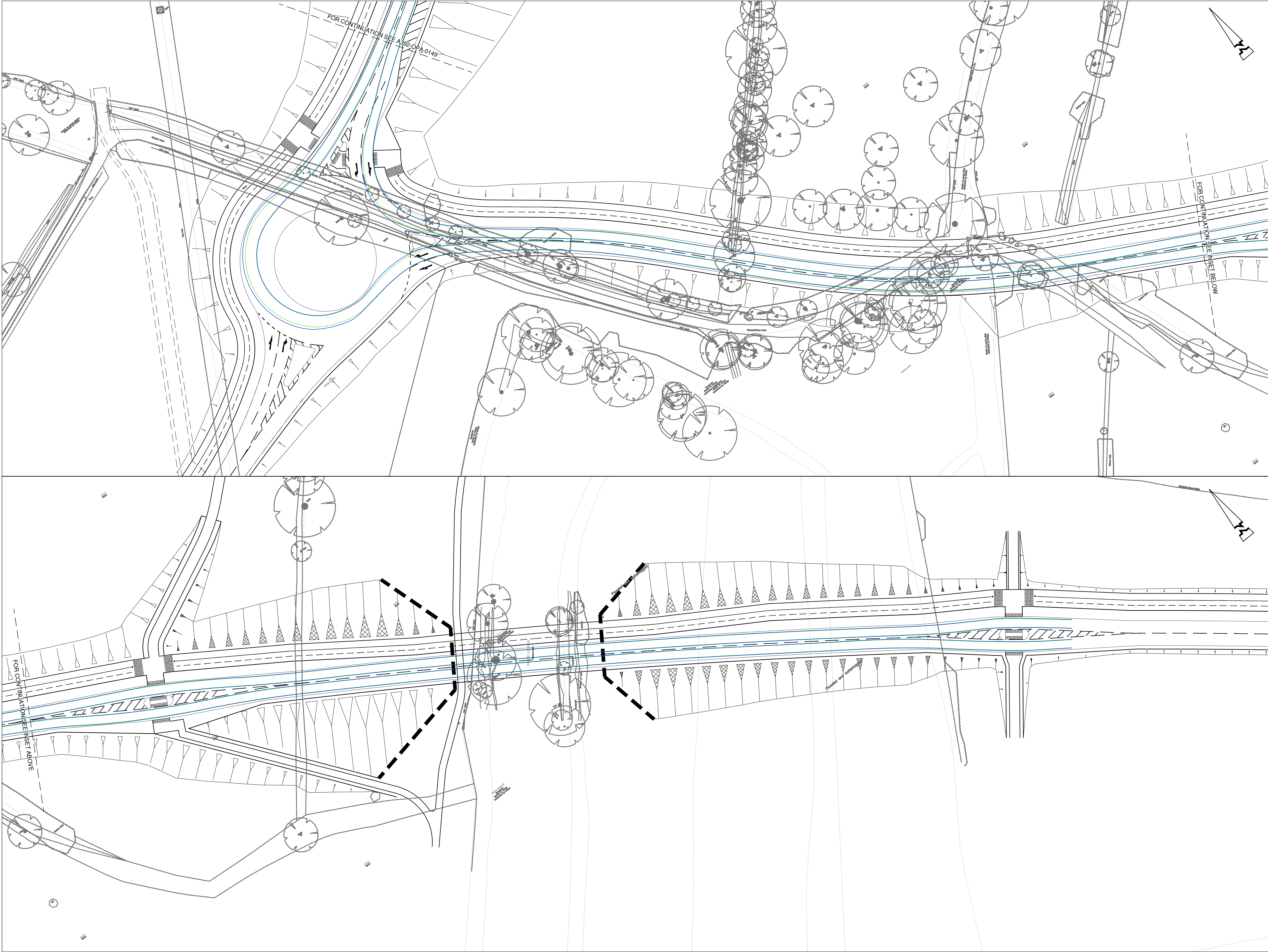
LODDON GARDEN VILLAGE

Title

BUS SWEPT PATHS
SHEET 2 OF 4

Status

Scale	Date	Drawn	Checked
1:500 @ A1	JUN 2025	RG	CS
Drawing No	Revision		
A392-OPA-0147			B



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VEHICLE DIMENSIONS AND SPECIFICATIONS:

Single Deck Bus

Overall Length	9.795m
Overall Width	2.500m
Overall Body Height	3.070m
Min. Body Ground Clearance	0.305m
Track Width	2.000m
Lock to lock time	4.90s
Kerb to Kerb Turning Radius	10.111m

Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	0.150m
Min. Body Ground Clearance	0.300m
Track Width	2.000m
Wall to Wall Turning Radius	6.000m

KEY:

- Approach Sightlines to Junction
- 120m Roundabout Visibility Splay (40mph, DMRB CD109)
- 43m Roundabout Visibility Splay (30mph, MIS)

Scale 1:500

KEY PLAN NTS

B	07.25	KEY PLAN REDLINE BOUNDARY UPDATED	CS	LPA
A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked

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Project

LODDON GARDEN VILLAGE

Title

BUS SWEPT PATHS
SHEET 3 OF 4

Status

Scale	Date	Drawn	Checked
1:500 @ A1	JUN 2025	RG	CS
Drawing No	A392-OPA-0148		Revision
			B

