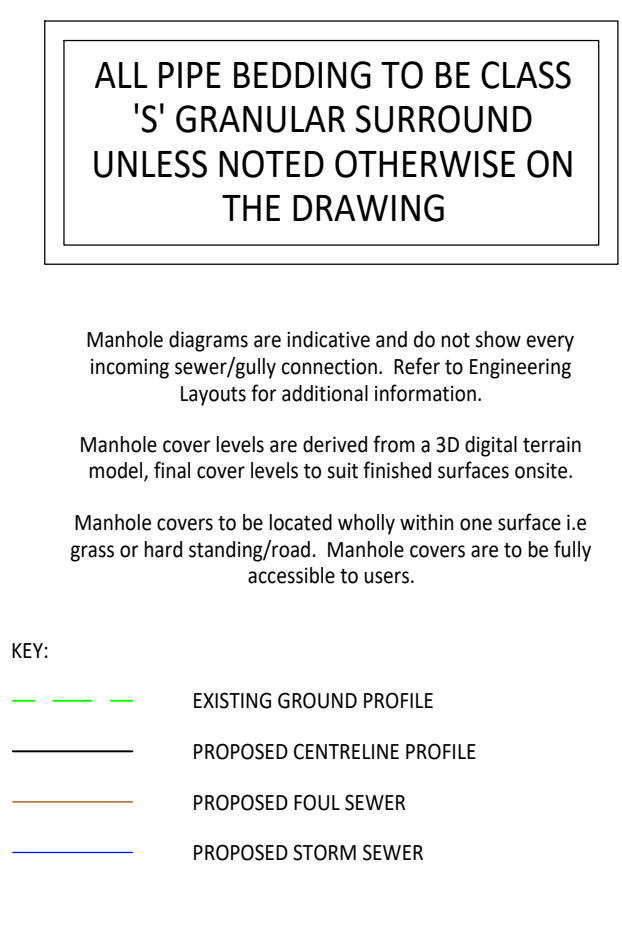
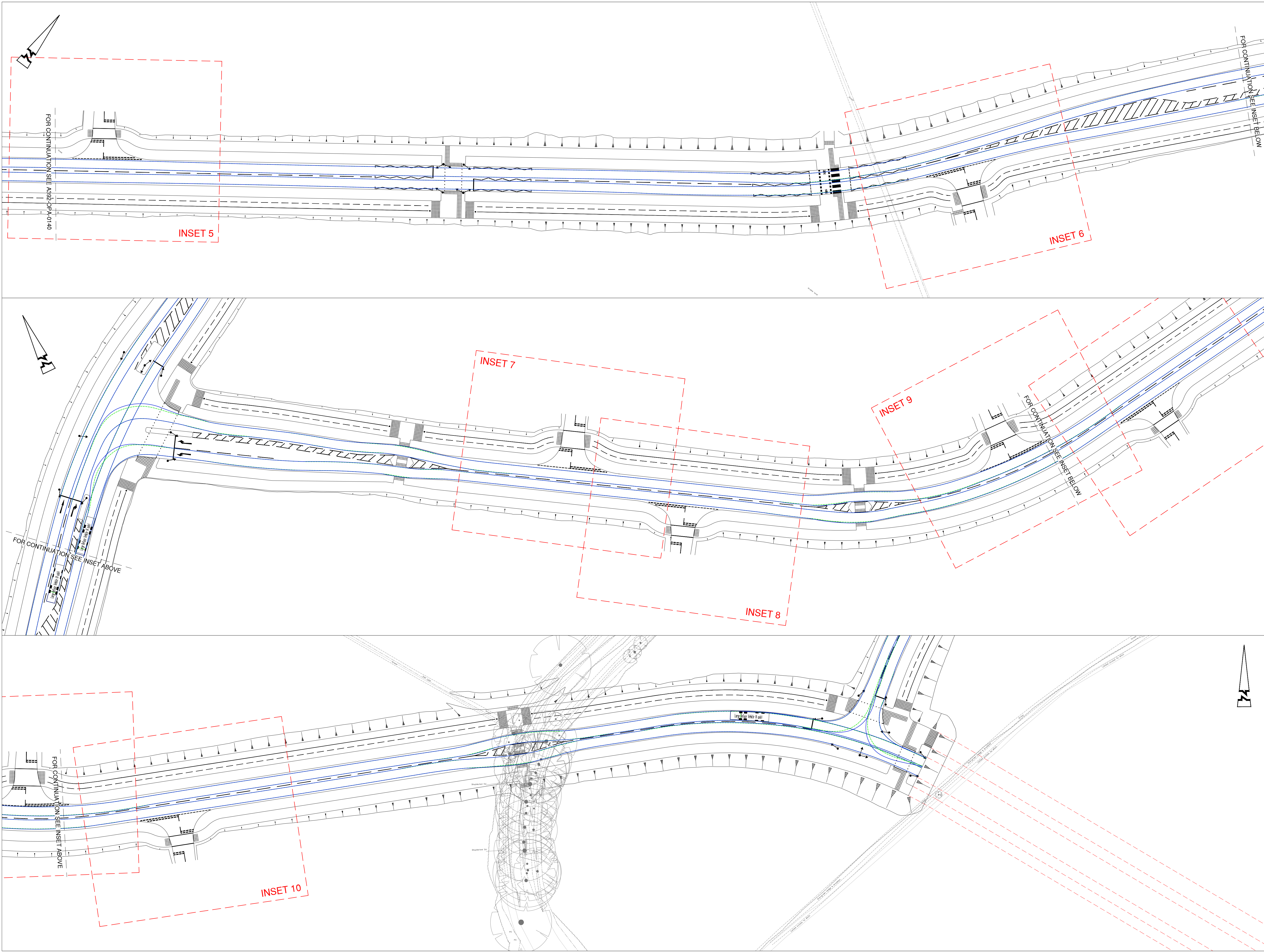






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GENERAL NOTES:

- 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	0.304m
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

A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked

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Project

LODDON GARDEN VILLAGE

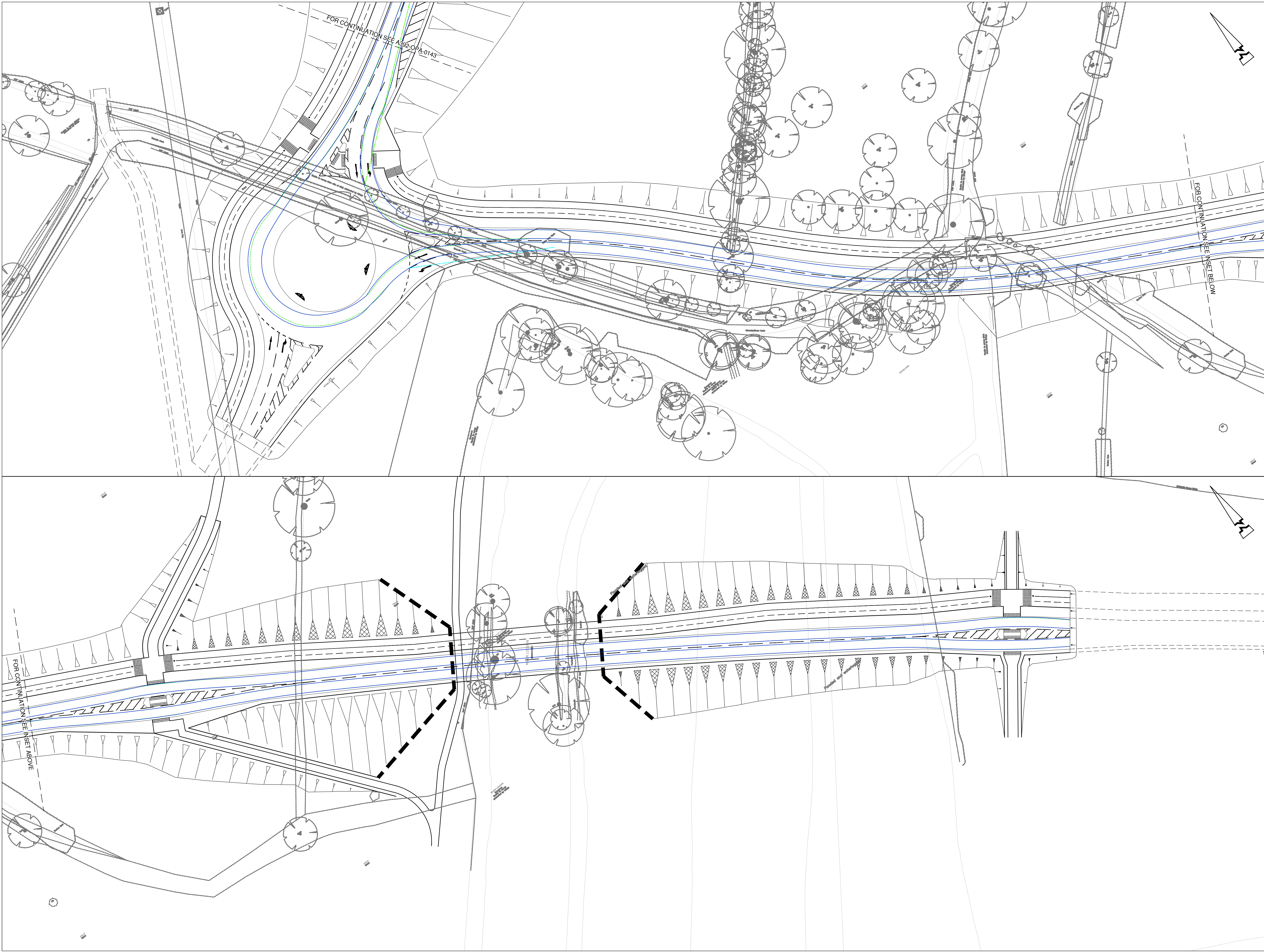
Title

REFUSE VEHICLE AND FIRE TENDER SWEEP PATHS
SHEET 2 OF 6

Status

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

Drawing No	Revision
A392-OPA-0141	A



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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	6.000s
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	4.000s
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

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 3 OF 6

Status

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

Drawing No	Revision
A392-OPA-0142	A



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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	6.000s
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	4.000s
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

0 5 10 15 20 25m

KEY PLAN

INTS

Redline Boundary

A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked

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UNIVERSITY OF READING

Project

LODDON GARDEN VILLAGE

Title

REFUSE VEHICLE AND FIRE TENDER SWEEP PATHS
SHEET 4 OF 6

Status

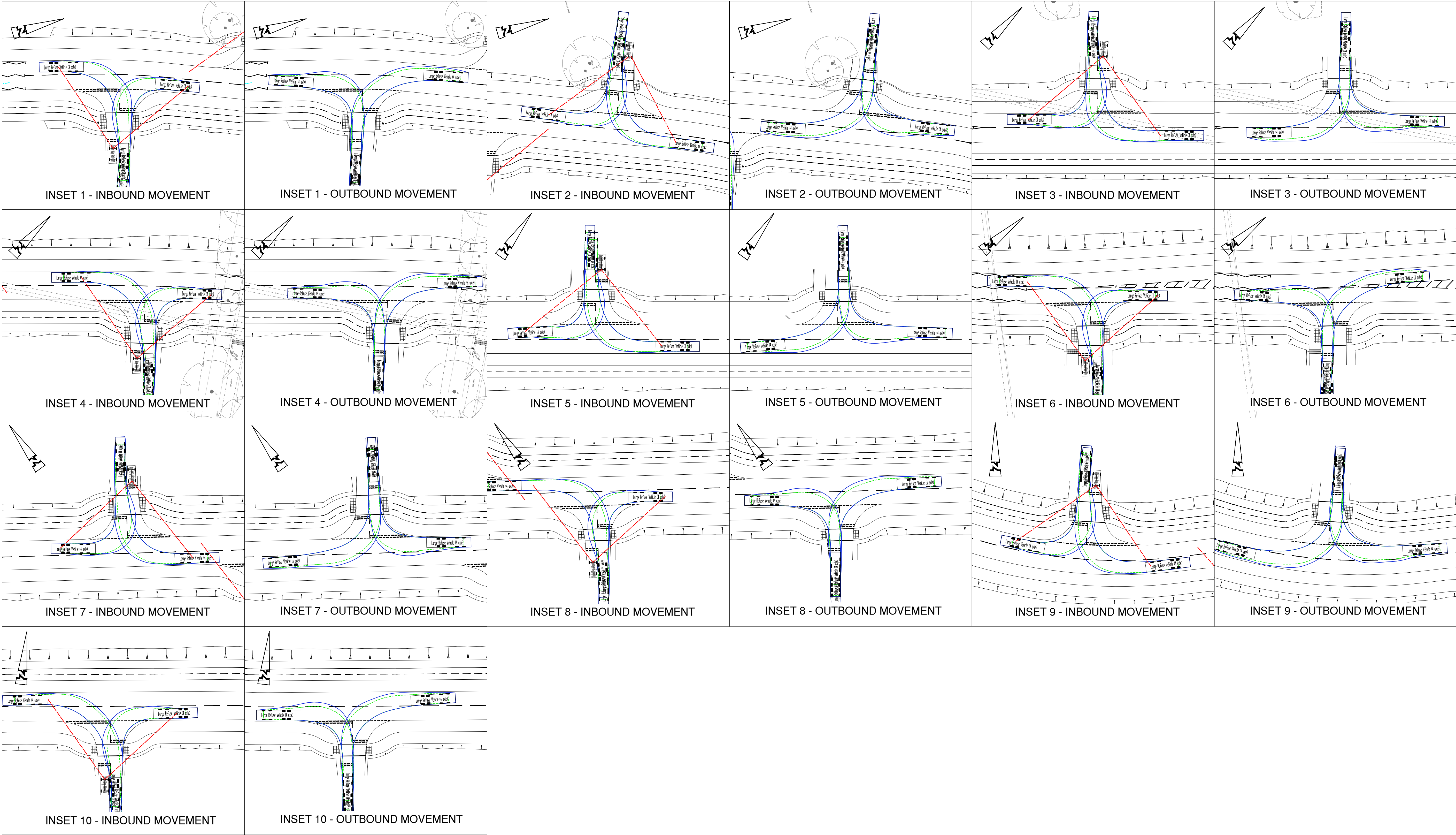
Scale	Date	Drawn	Checked
1:500 @ A1	JUN 2025	RG	CS

Drawing No

A392-OPA-0143

Revision

A



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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	6.00s
Wall to Wall Turning Radius	11.330m

Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.500m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to lock time	4.00s
Wall to Wall Turning Radius	6.000m

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

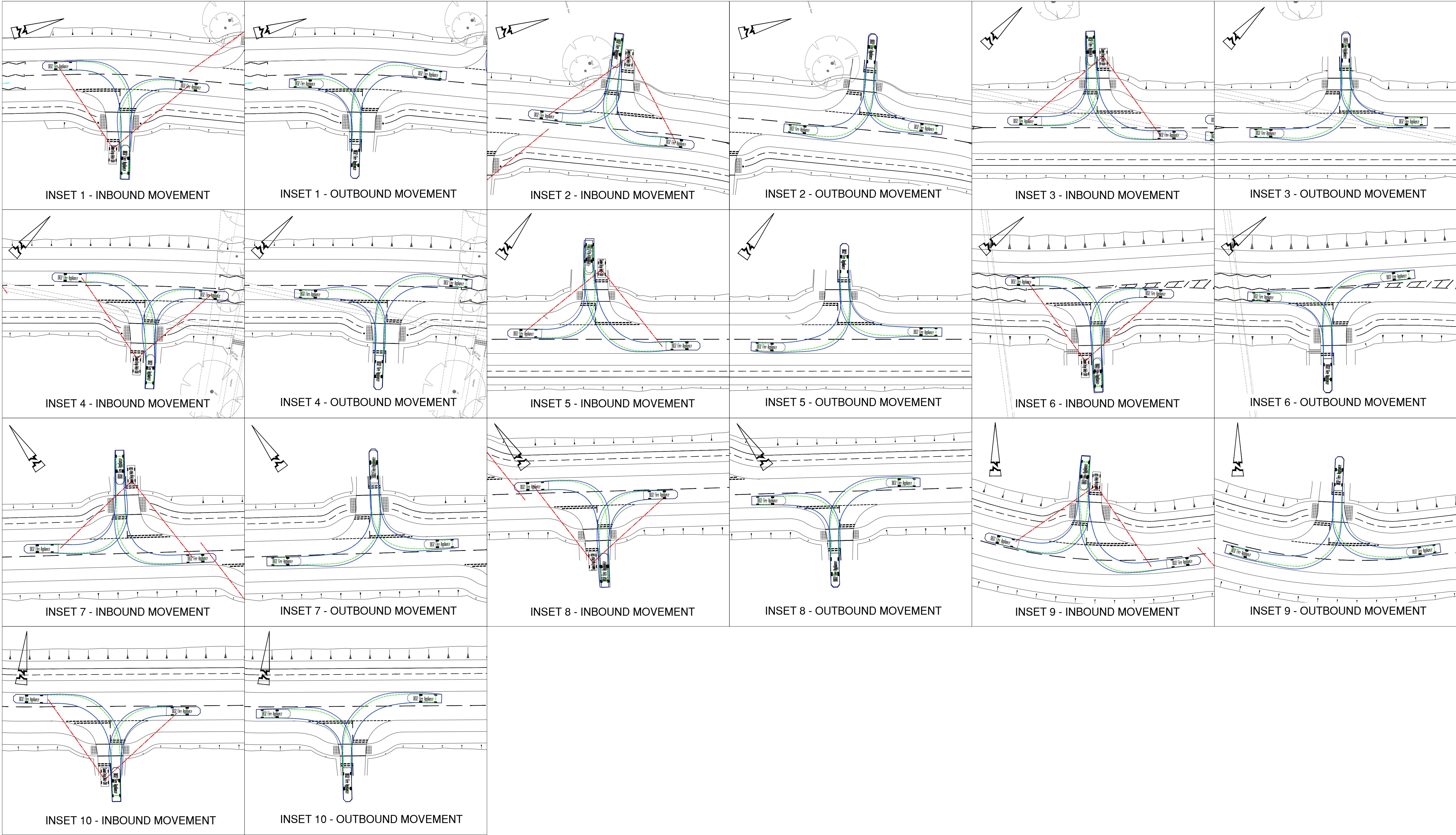
Title

REFUSE VEHICLE AND FIRE TENDER 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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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

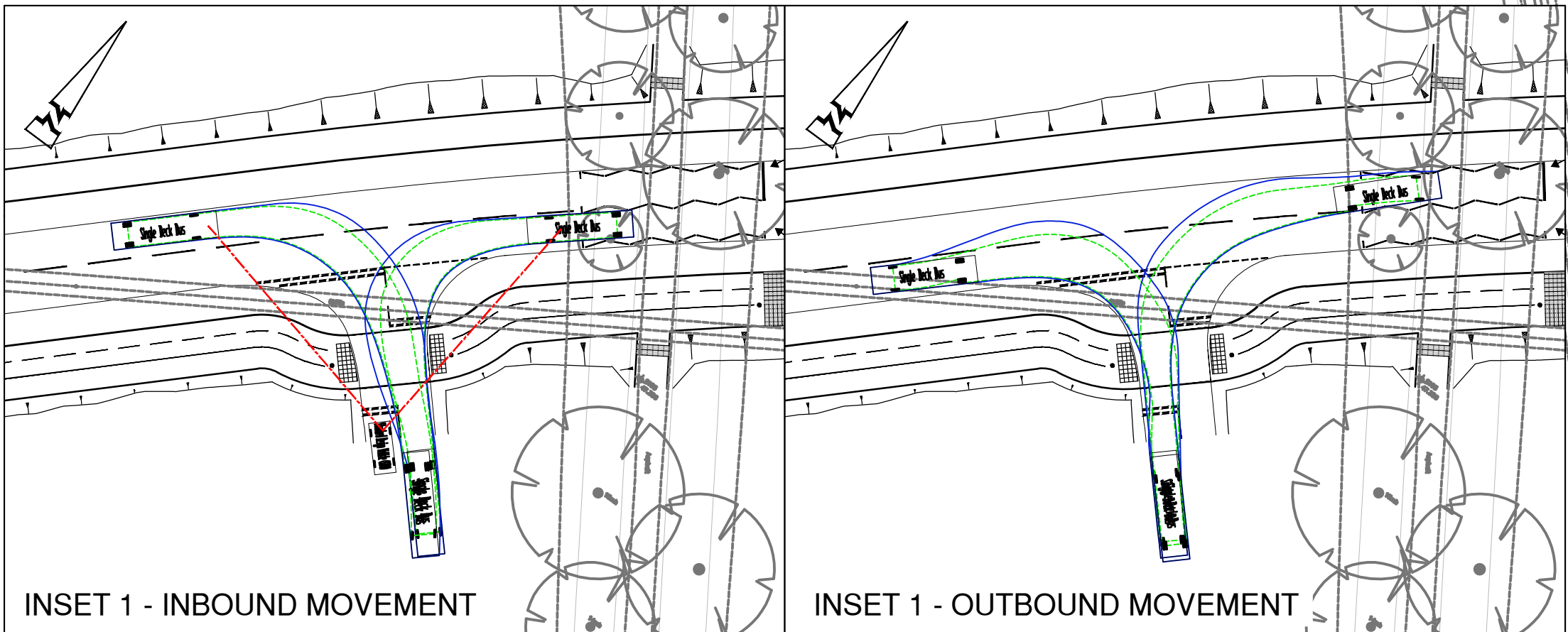
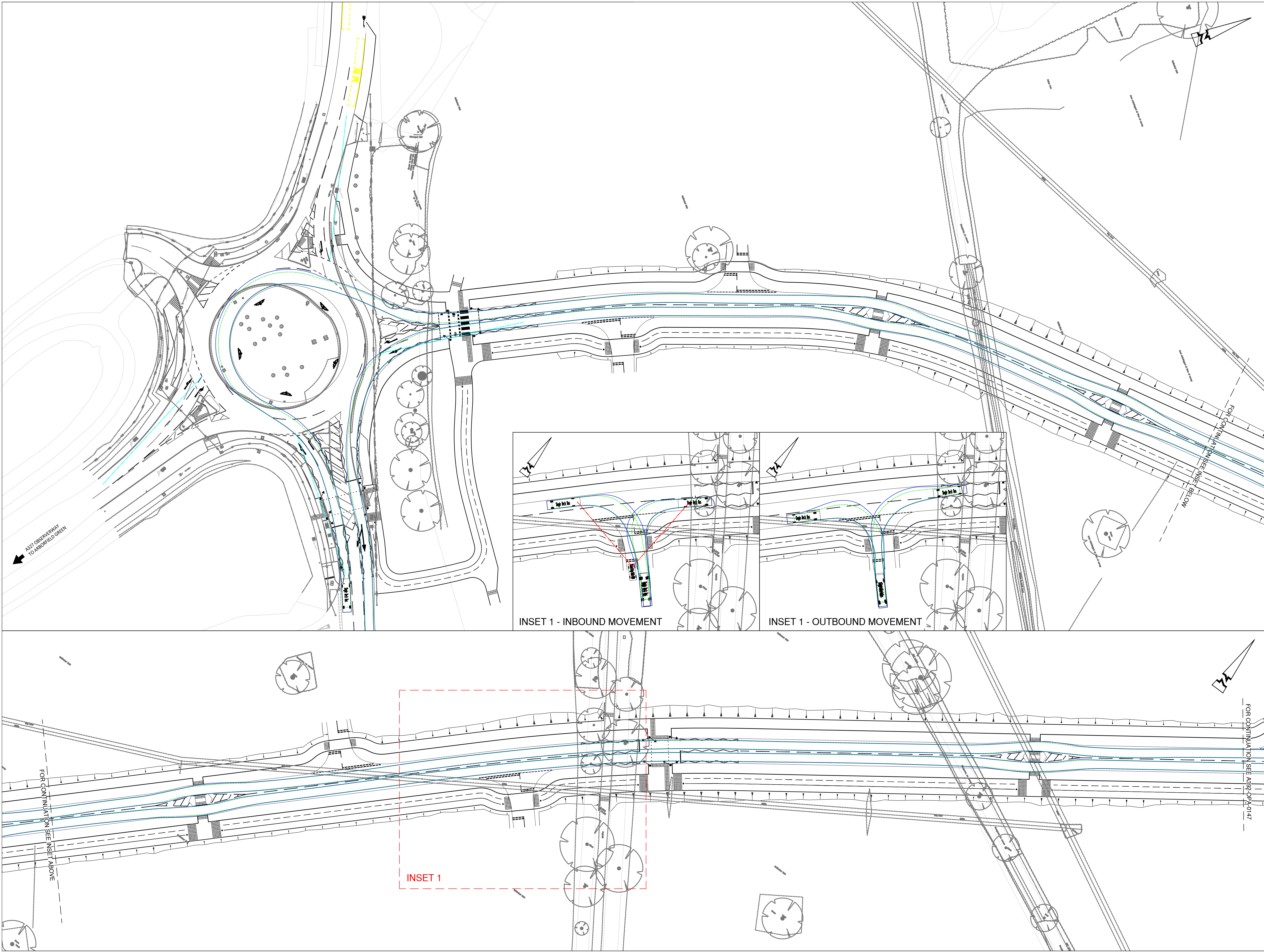
Title

REFUSE VEHICLE AND FIRE TENDER SWEEP PATHS
SHEET 6 OF 6

Status

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

Drawing No	Revision
A392-OPA-0145	A



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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	6.00s
Kerb to Kerb Turning Radius	10.111m

Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	2.000m
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)

Scale 1:500

KEY PLAN
NTS

Redline Boundary

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Project

LODDON GARDEN VILLAGE

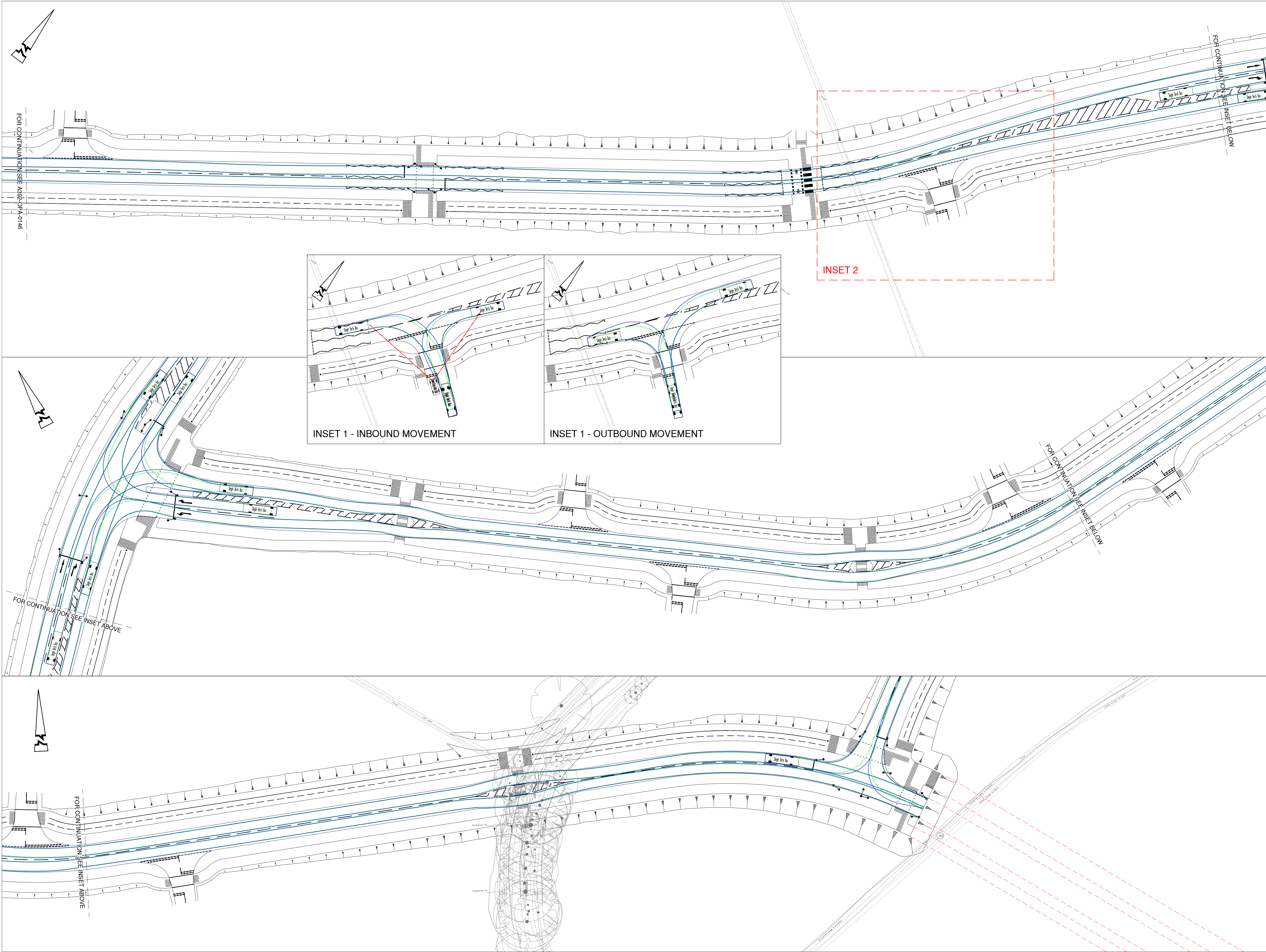
Title

BUS SWEEP PATHS
SHEET 1 OF 4

Status

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

Drawing No	Revision
A392-OPA-0146	A



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VEHICLE DIMENSIONS AND SPECIFICATIONS:

Single Deck Bus	9.795m
Overall Length	2.000m
Overall Width	1.950m
Overall Body Height	0.300m
Min Body Ground Clearance	2.000m
Track Width	6.000m
Lock to lock time	4.000m
Kerb to Kerb Turning Radius	10.111m

Standard Design Vehicle (SDV)	4.800m
Overall Length	2.000m
Overall Width	1.950m
Overall Body Height	0.100m
Min Body Ground Clearance	2.000m
Track Width	4.000m
Lock to lock time	6.000m
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)

A	06.25	FIRST ISSUE	RG	CS
Rev	Date	Description	Drawn	Checked

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LODDON GARDEN VILLAGE

Title

BUS SWEEP PATHS
SHEET 2 OF 4

Status

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

Drawing No	Revision
A392-OPA-0147	A



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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	6.000s
Kerb to Kerb Turning Radius	10.111m

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	4.000s
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

Redline Boundary

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LODDON GARDEN VILLAGE

Title

BUS SWEEP PATHS
SHEET 3 OF 4

Status

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

Drawing No	Revision
A392-OPA-0148	A