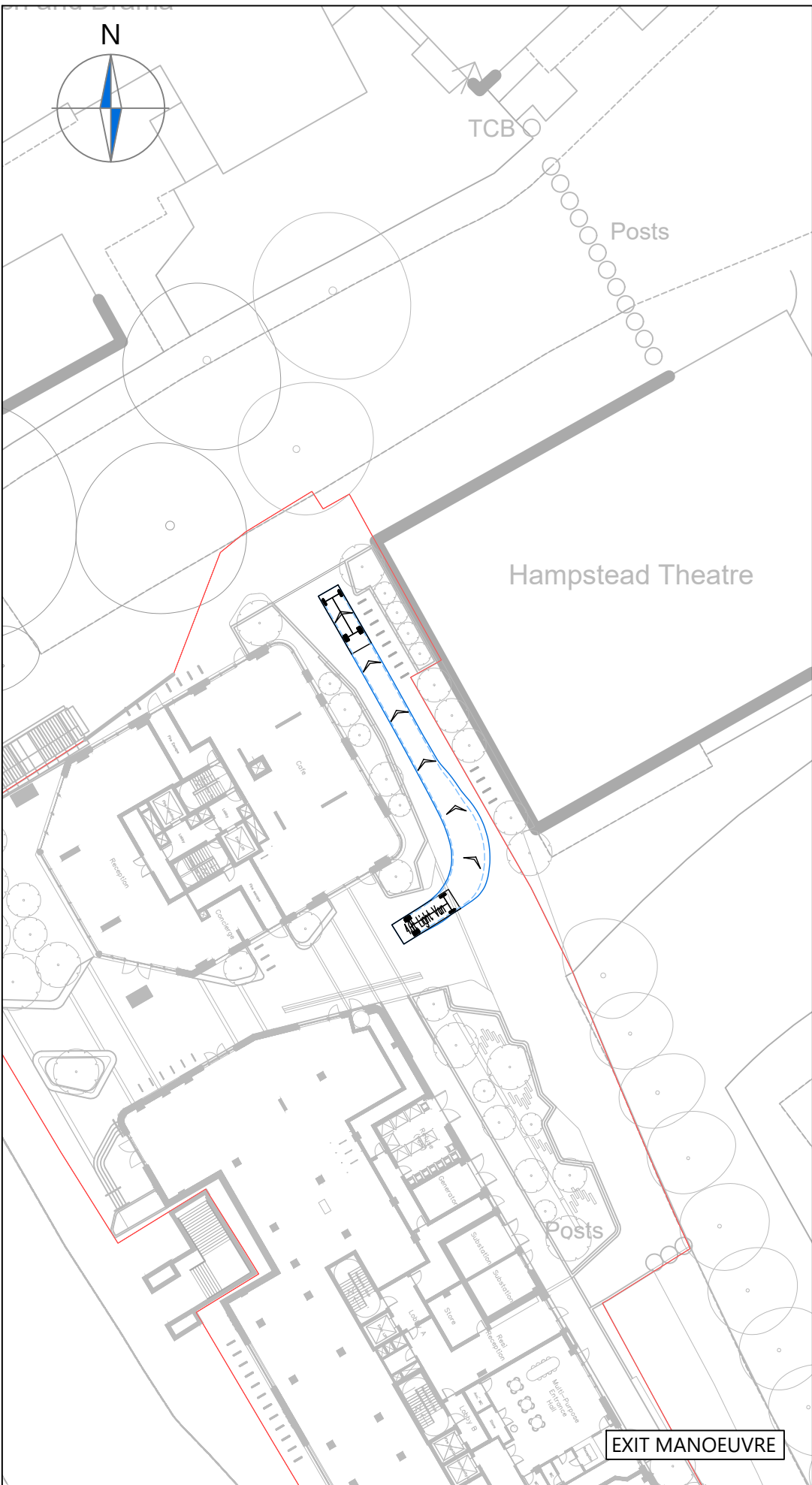
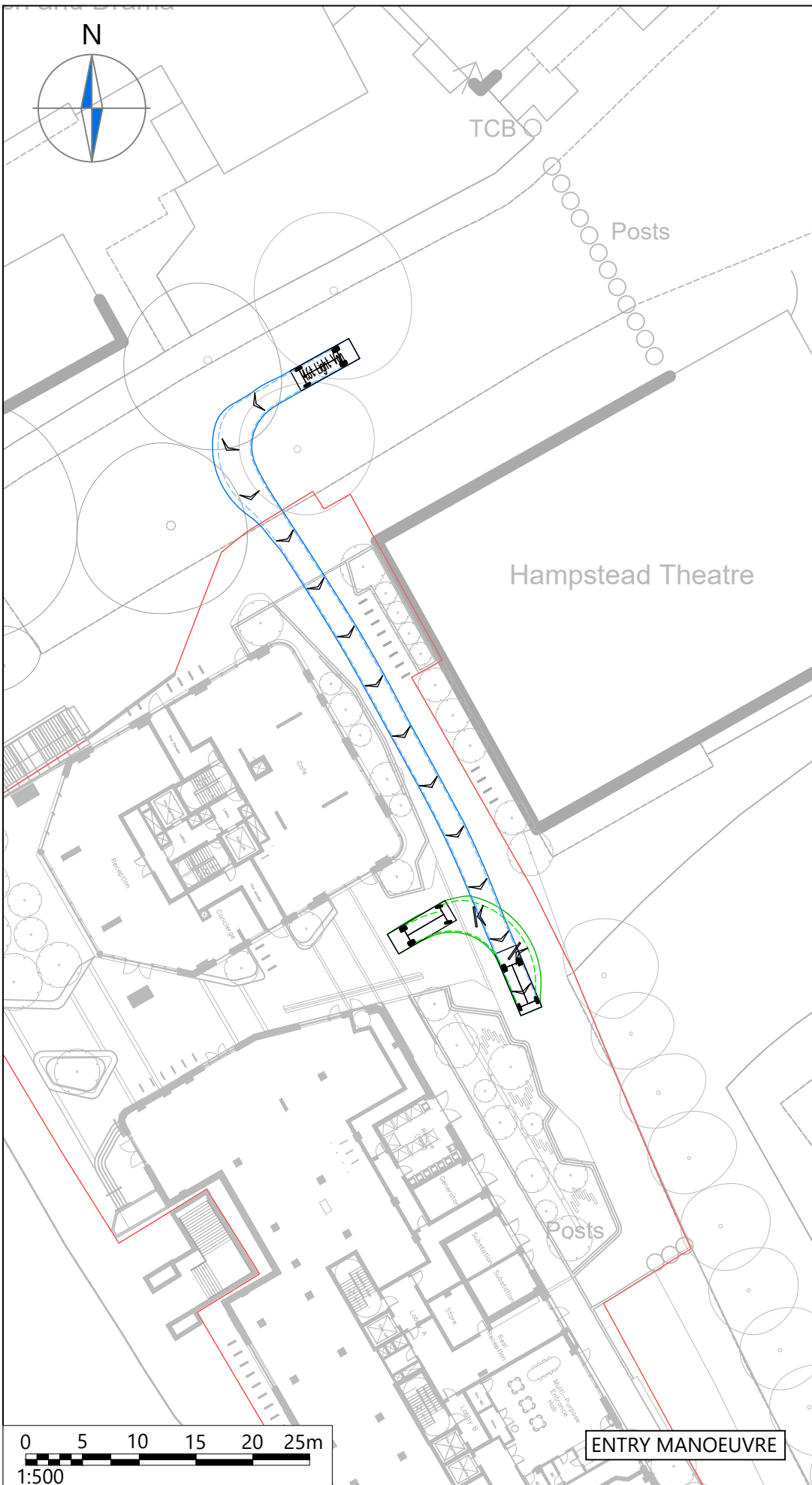


# 100 Avenue Road

## Vehicle Swept Path Analysis Plans

February 2025

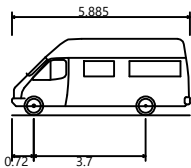
REGAL



NOTES

1. This drawing to be read & printed in colour.
2. This drawing is for illustrative purposes only.
3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

4.6t Light Van



4.6t Light Van	
Overall Length	5.885m
Overall Width	2.000m
Overall Body Height	2.526m
Min Body Ground Clearance	0.299m
Track Width	1.765m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	6.000m



E	Updated Layout	RLM	DB	13.02.2025
D	Updated Layout	RLM	DB	29.01.2024
C	Updated Layout	RLM	DB	07.11.2024
B	Updated Layout	RLM	GS	09.07.2024
A	Updated Layout	RLM	DB	21.06.2024

Rev	Details	Drawn	Checked	Date
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REVISION HISTORY

Status: ☒ Preliminary ☐ Detailed ☐ As Built

Client:

Regal Avenue Road Limited

Project:

100 Avenue Road  
Camden

Drawing Title:

Swept Path Analysis  
4.6t Light Van

Scale:

1:500

Size:

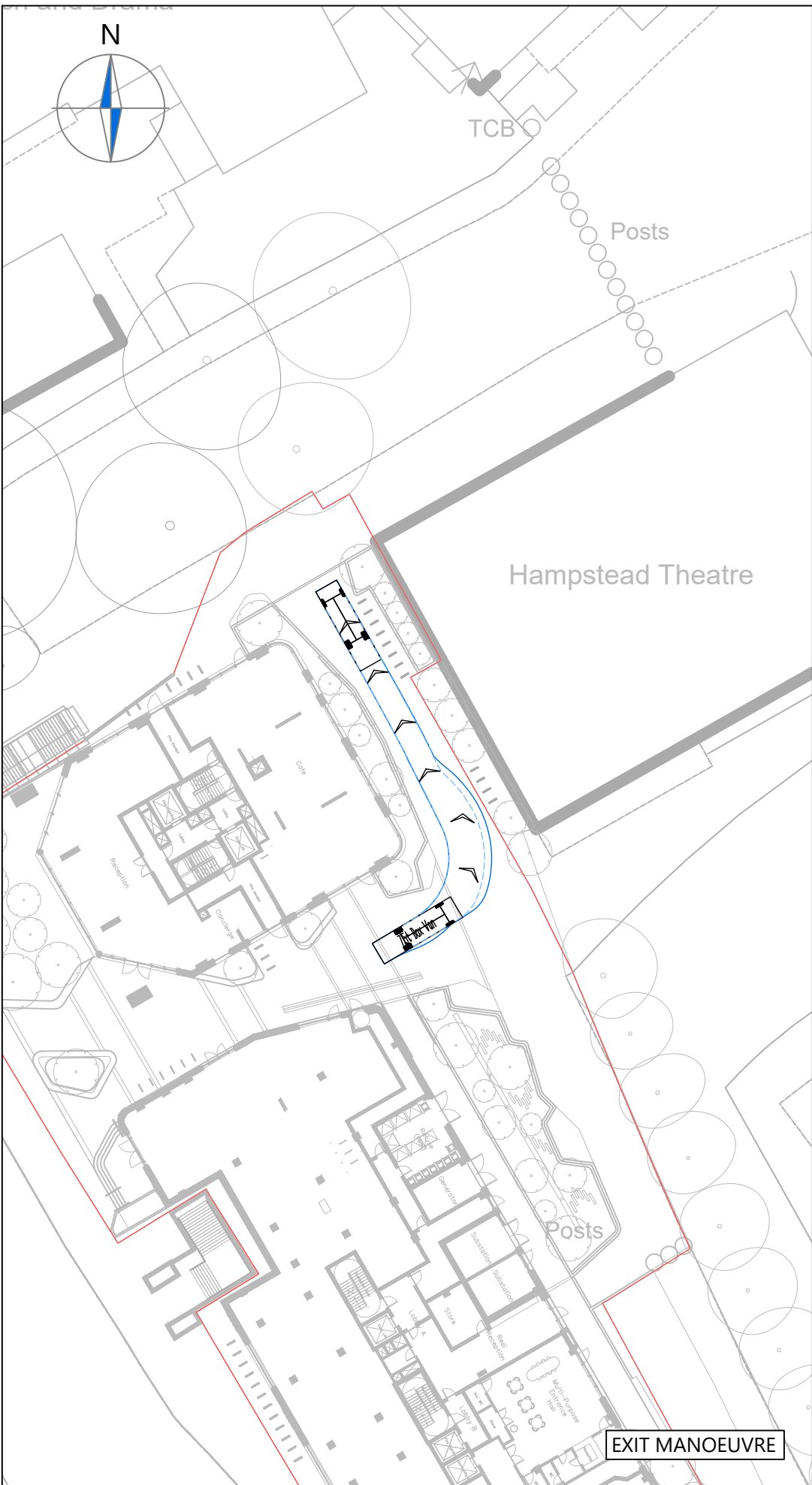
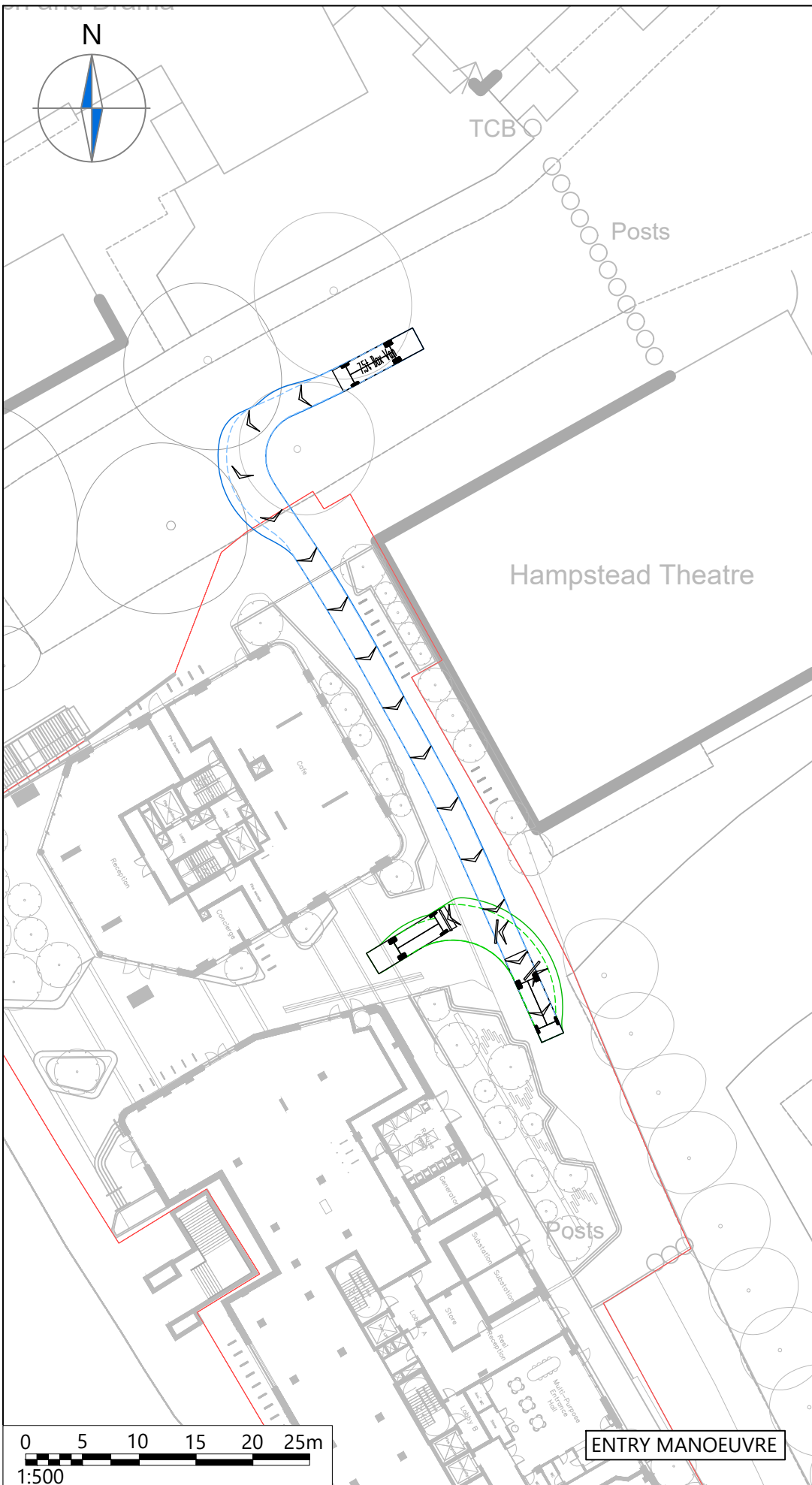
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Drawn by:	Checked by:	Approved by:	Date:
RLM	DB	DB	07.06.2024



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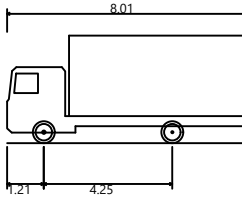
Scheme Ref:	Drawing No:	Sheet :	Rev:
5352	TR002	1 of 5	E



NOTES

- 1. This drawing to be read & printed in colour.
- 2. This drawing is for illustrative purposes only.
- 3. Design speed for all vehicle swept paths is 5kph.
- 4. Stationary steering has not been used on this drawing.

7.5t Box Van



7.5t Box Van	8.010m
Overall Length	2.100m
Overall Width	3.556m
Overall Body Height	0.351m
Min Body Ground Clearance	2.064m
Track Width	4.00s
Lock to lock time	7.400m
Kerb to Kerb Turning Radius	



E	Updated Layout	RLM	DB	13.02.2025
D	Updated Layout	RLM	DB	29.01.2024
C	Updated Layout	RLM	DB	07.11.2024
B	Updated Layout	RLM	GS	09.07.2024
A	Updated Layout	RLM	DB	21.06.2024

Rev	Details	REVISION HISTORY	Drawn	Checked	Date
Status:	<input checked="" type="checkbox"/> Preliminary	<input type="checkbox"/> Detailed	<input type="checkbox"/> As Built		

Client: Regal Avenue Road Limited

Project: 100 Avenue Road Camden

Drawing Title: Swept Path Analysis 7.5t Box Van

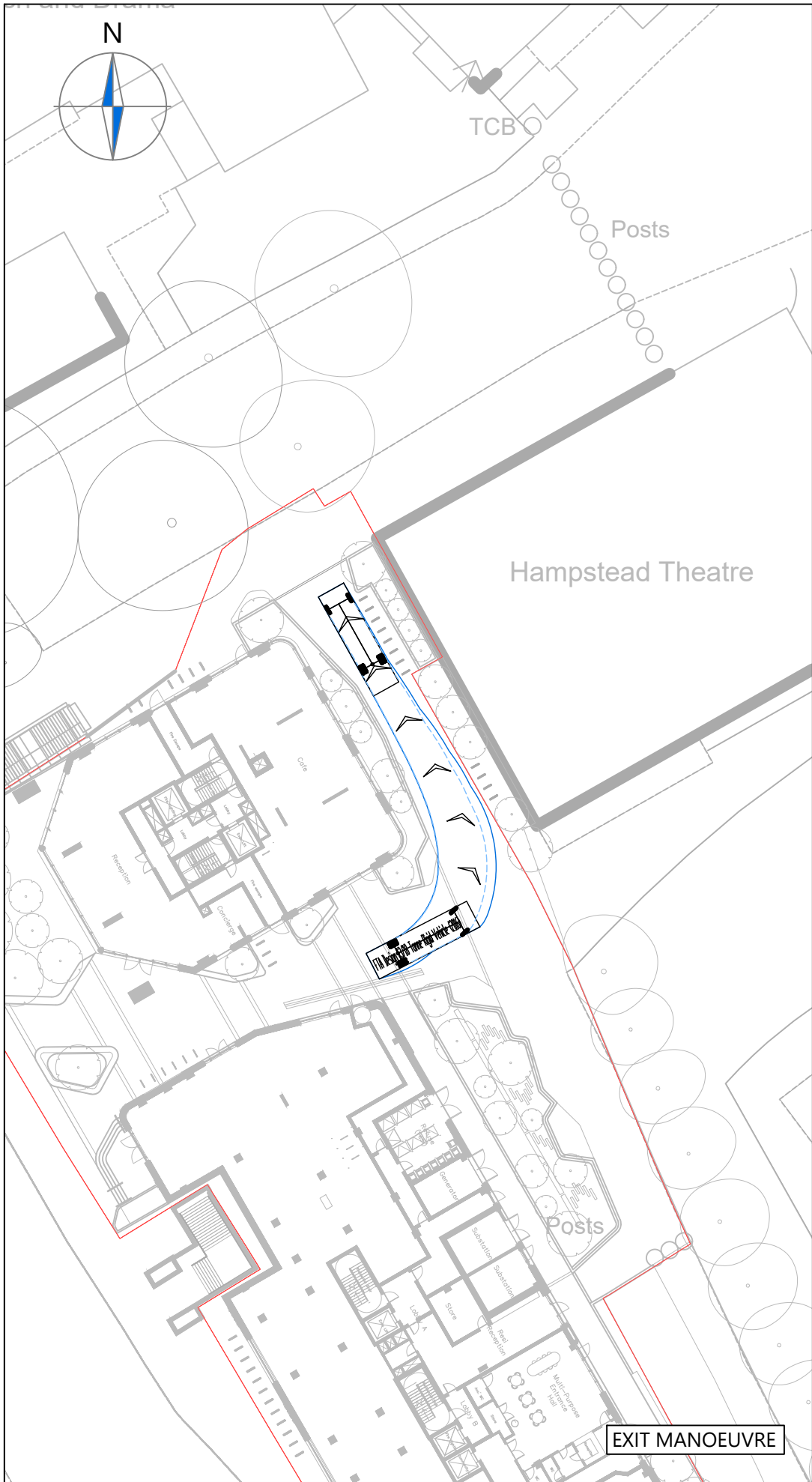
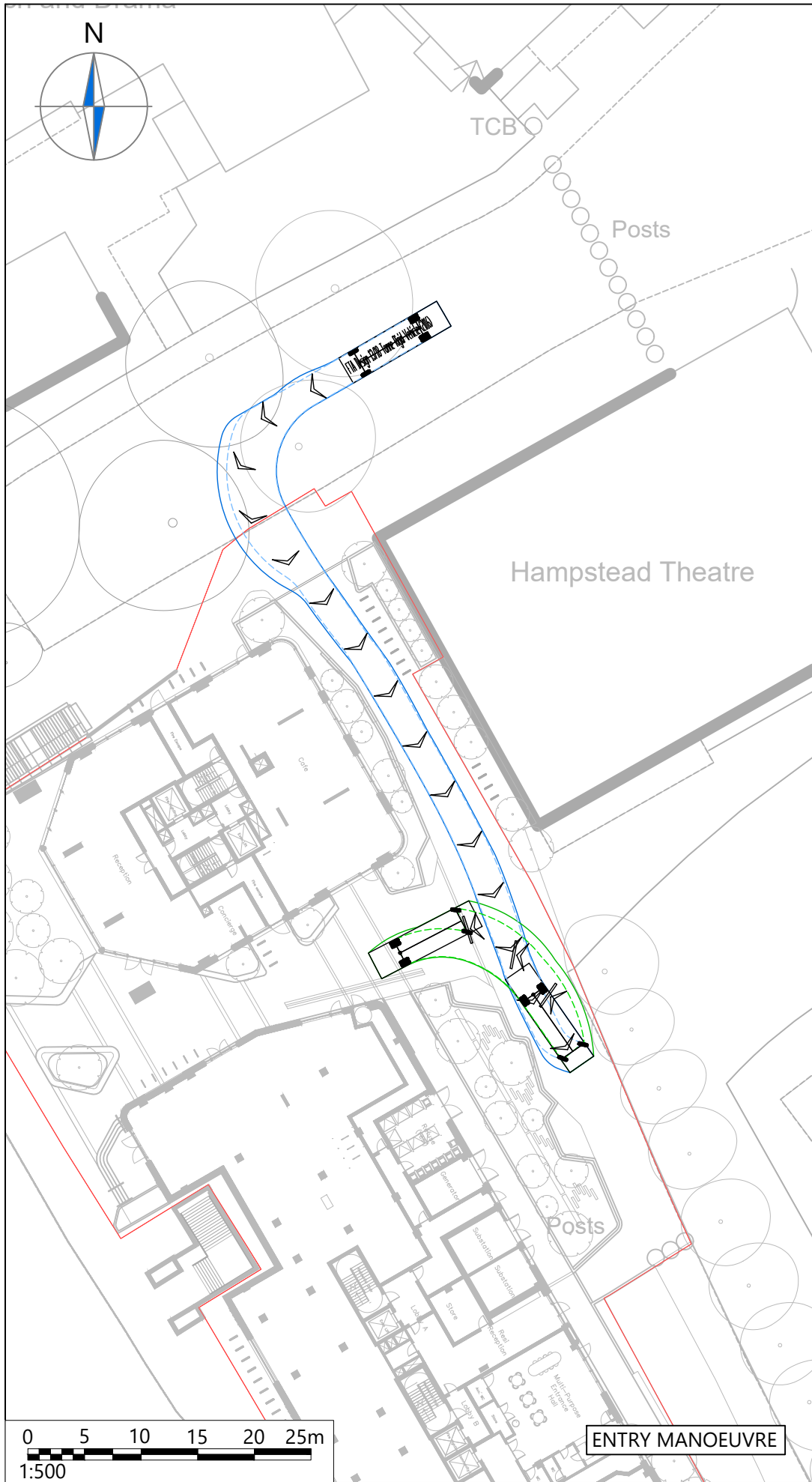
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Drawn by: RLM Checked by: DB Approved by: DB Date: 07.06.2024

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Transport Planning & Highway Design  
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Scheme Ref: 5352	Drawing No: TR002	Sheet: 2 of 5	Rev: E
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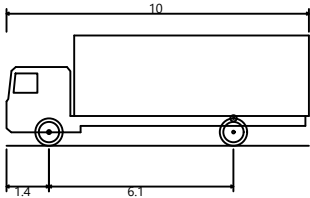




## NOTES

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3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

## 10m Rigid



FTA Design 13/18 Tonne Rigid Vehicle (2016)	
Overall Length	10.000m
Overall Width	2.550m
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 Gear



Reverse Gear

E	Updated Layout	RLM	DB	13.02.2025
D	Updated Layout	RLM	DB	29.01.2024
C	Updated Layout	RLM	DB	07.11.2024
B	Updated Layout	RLM	GS	09.07.2024
A	Updated Layout	RLM	DB	21.06.2024

Rev	Details	REVISION HISTORY		Drawn	Checked	Date
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Status: ☒ Preliminary ☐ Detailed ☐ As Built

Client:

Regal Avenue Road Limited

Project:

100 Avenue Road  
Camden

Drawing Title:

Swept Path Analysis  
10m Rigid

Scale:

1:500

Size:

A3

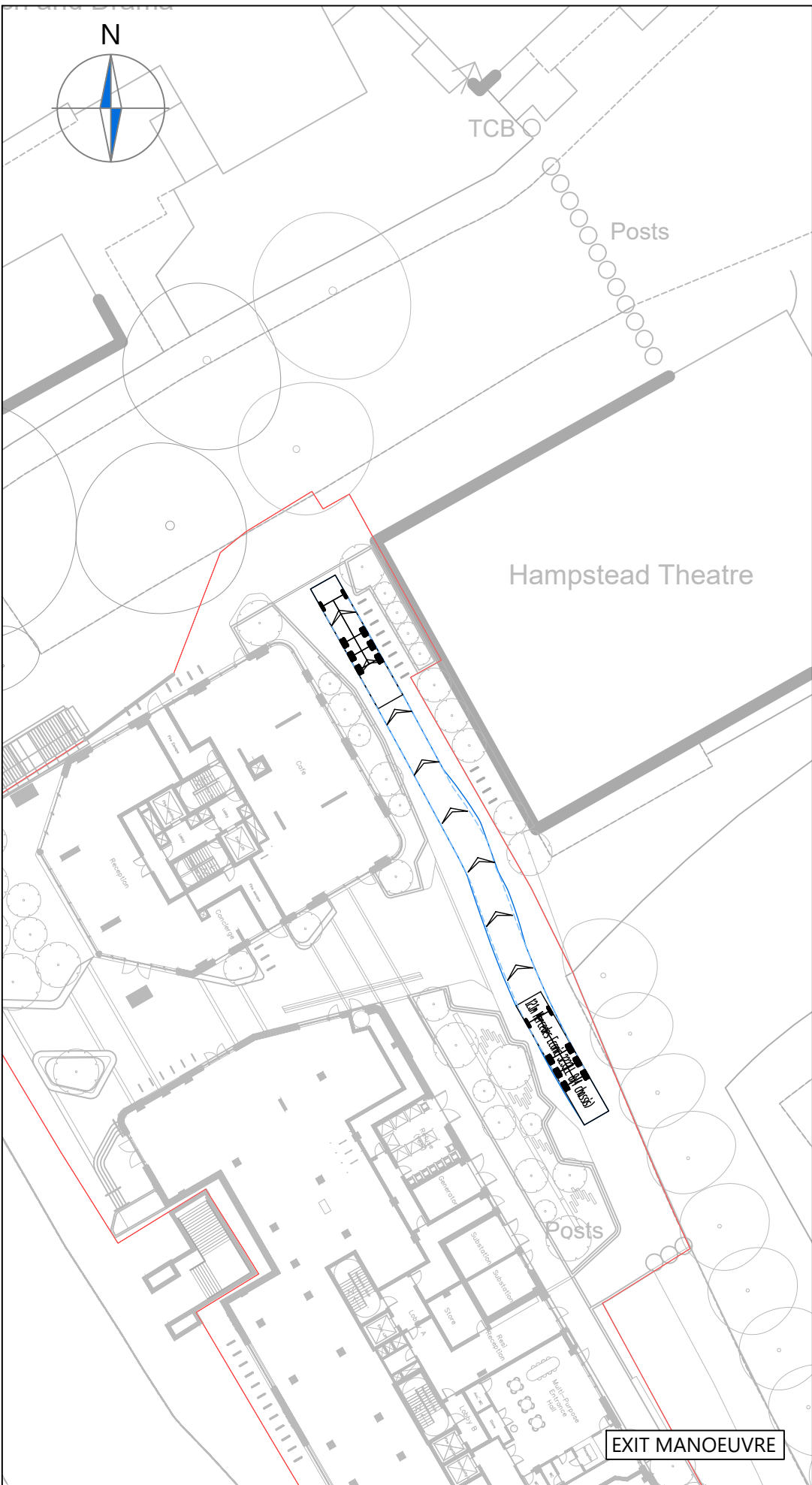
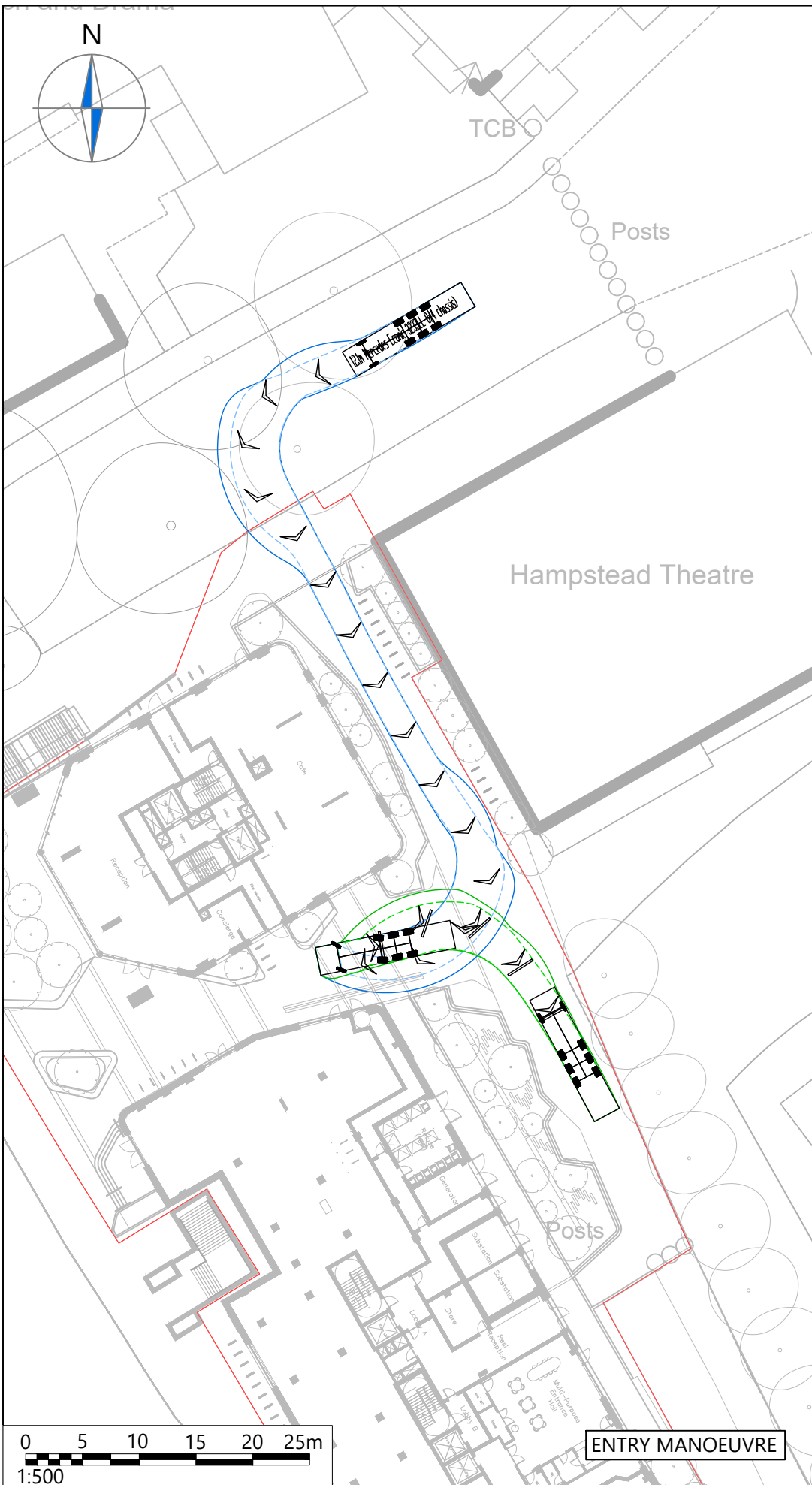
Drawn by:	Checked by:	Approved by:	Date:
RLM	DB	DB	07.06.2024



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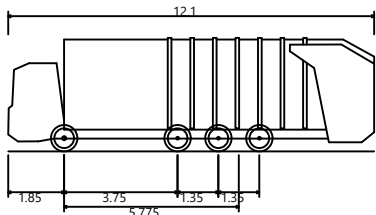
Scheme Ref:	Drawing No:	Sheet :	Rev:
5352	TR002	3 of 5	E



NOTES

1. This drawing to be read & printed in colour.
2. This drawing is for illustrative purposes only.
3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

Refuse Vehicle



12.1m Mercedes Econic 3233LL 8x4 chassis)	
Overall Length	12.100m
Overall Width	2.490m
Overall Body Height	3.749m
Min Body Ground Clearance	0.302m
Track Width	2.490m
Lock to lock time	4.00s
Wall to Wall Turning Radius	11.250m



Forward Gear



Reverse Gear

E	Updated Layout	RLM	DB	13.02.2025
D	Updated Layout	RLM	DB	29.01.2024
C	Updated Layout	RLM	DB	07.11.2024
B	Updated Layout	RLM	GS	09.07.2024
A	Updated Layout	RLM	DB	21.06.2024

Rev	Details	Drawn	Checked	Date
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REVISION HISTORY

Status: ☒ Preliminary ☐ Detailed ☐ As Built

Client:

Regal Avenue Road Limited

Project:

100 Avenue Road  
Camden

Drawing Title:

Swept Path Analysis  
Refuse Vehicle

Scale:

1:500

Size:

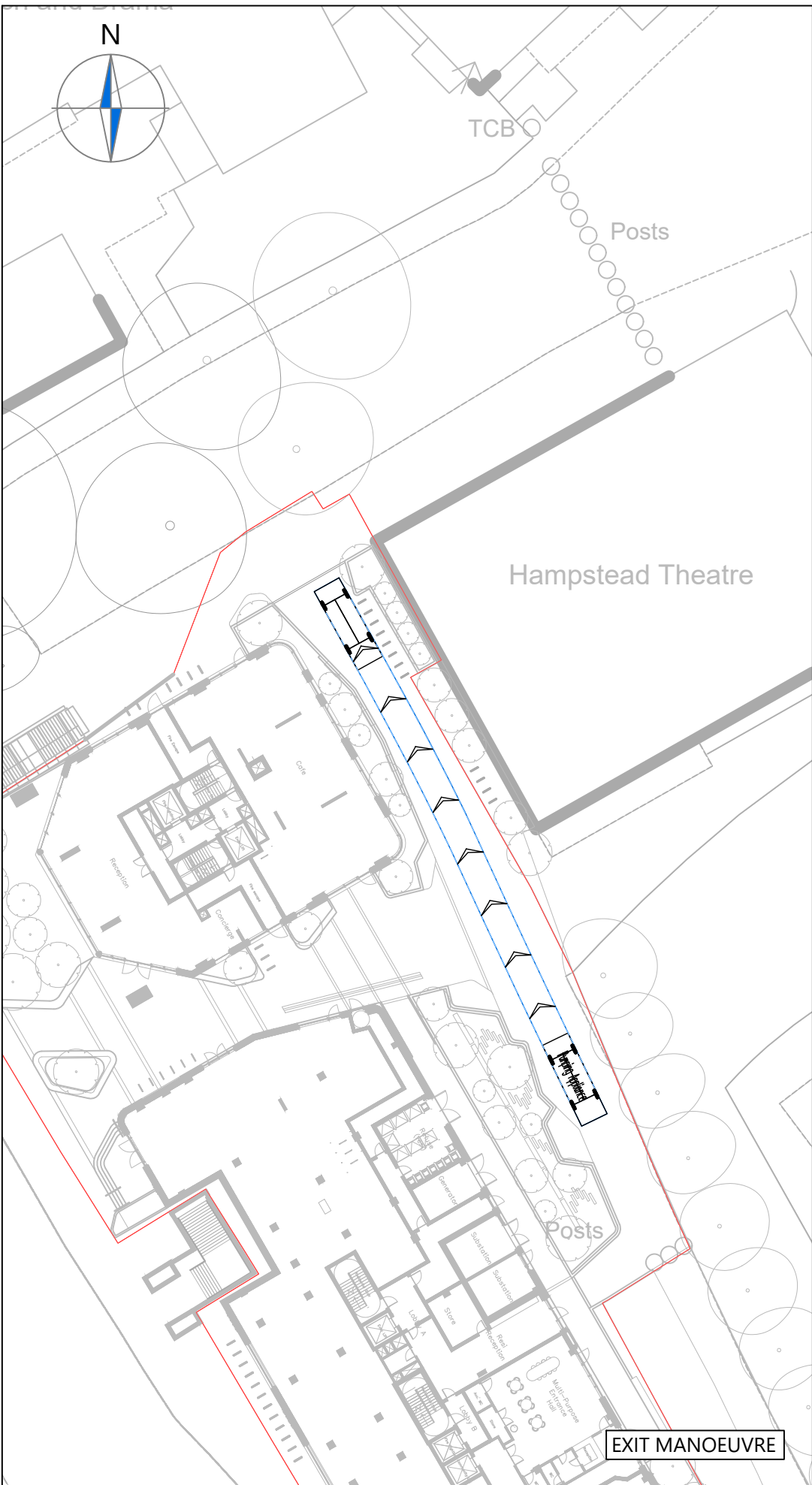
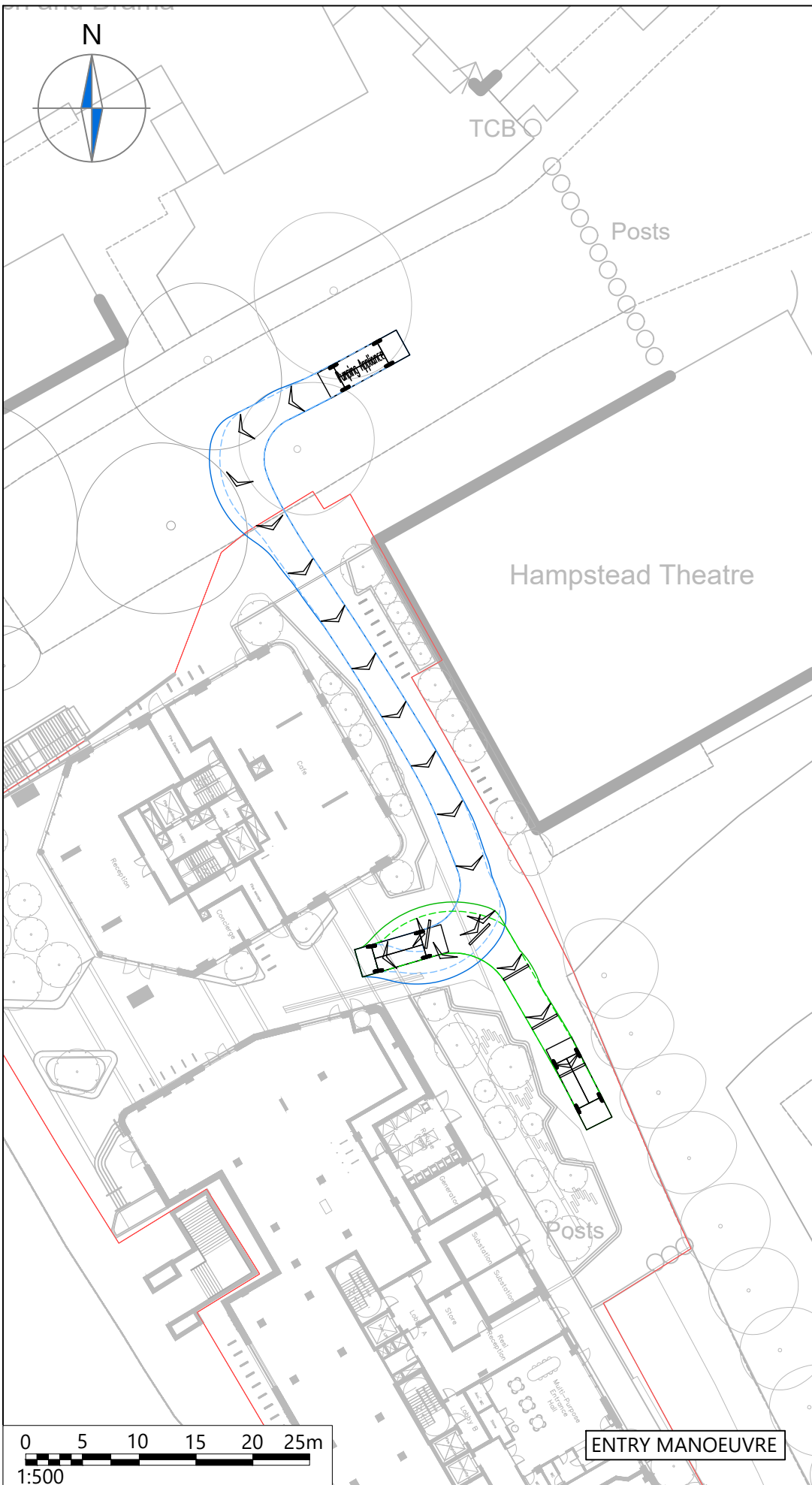
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Drawn by:	Checked by:	Approved by:	Date:
RLM	DB	DB	07.06.2024

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Scheme Ref:	Drawing No:	Sheet :	Rev:
5352	TR002	4 of 5	E

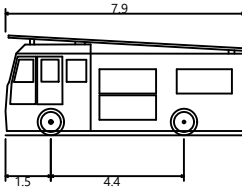




## NOTES

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3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

## Fire Tender



Pumping Appliance	7.900m
Overall Length	2.500m
Overall Width	3.300m
Overall Body Height	0.140m
Min Body Ground Clearance	2.500m
Track Width	4.00s
Lock to lock time	7.750m
Kerb to Kerb Turning Radius	



Forward Gear



Reverse Gear

E	Updated Layout	RLM	DB	13.02.2025
D	Updated Layout	RLM	DB	29.01.2024
C	Updated Layout	RLM	DB	07.11.2024
B	Updated Layout	RLM	GS	09.07.2024
A	Updated Layout	RLM	DB	21.06.2024

Rev	Details	Drawn	Checked	Date
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## REVISION HISTORY

Status: ☒ Preliminary ☐ Detailed ☐ As Built

Client:

Regal Avenue Road Limited

Project:

100 Avenue Road  
Camden

Drawing Title:

Swept Path Analysis  
Fire Tender

Scale:

1:500

Size:

A3

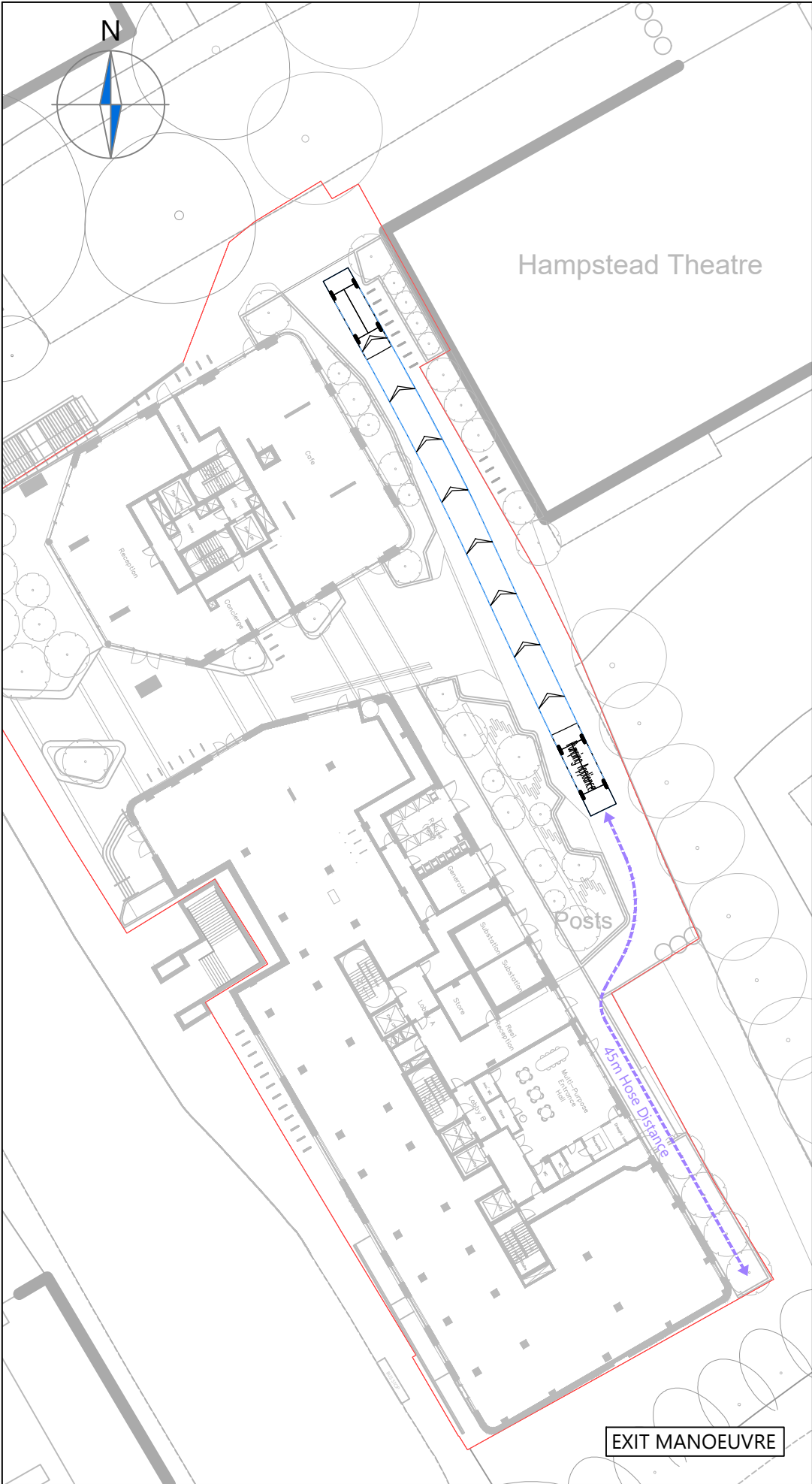
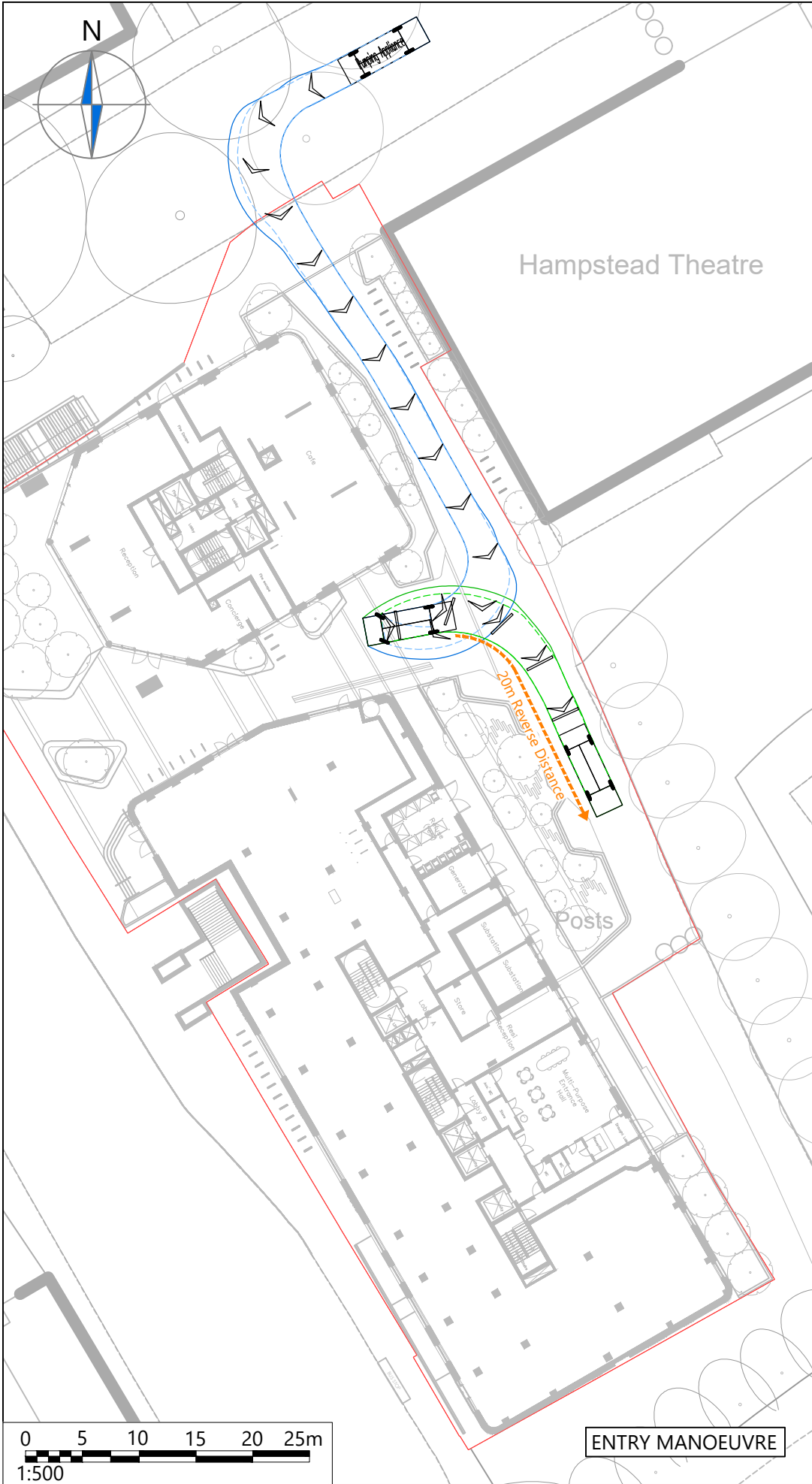
Drawn by:	Checked by:	Approved by:	Date:
RLM	DB	DB	07.06.2024



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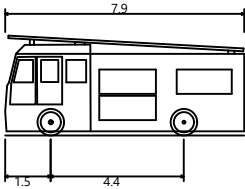
Scheme Ref:	Drawing No:	Sheet :	Rev:
5352	TR002	5 of 5	E



NOTES

1. This drawing to be read & printed in colour.
2. This drawing is for illustrative purposes only.
3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

Fire Tender



Pumping Appliance	7.900m
Overall Length	2.500m
Overall Width	3.300m
Overall Body Height	0.140m
Min Body Ground Clearance	2.500m
Track Width	4.00s
Lock to lock time	7.750m
Kerb to Kerb Turning Radius	



Forward Gear



Reverse Gear

B	Updated layout	RLM	DB	13.02.2025
A	Updated layout	RLM	DB	29.01.2025
Rev	Details	Drawn	Checked	Date

REVISION HISTORY

Status: ☒ Preliminary ☐ Detailed ☐ As Built

Client:

...

Project:

100 Avenue Road  
Camden

Drawing Title:

Swept Path Analysis  
Fire Tender

Scale:

1:500

Size:

A3

Drawn by:	Checked by:	Approved by:	Date:
RLM	DB	DB	07.11.2024

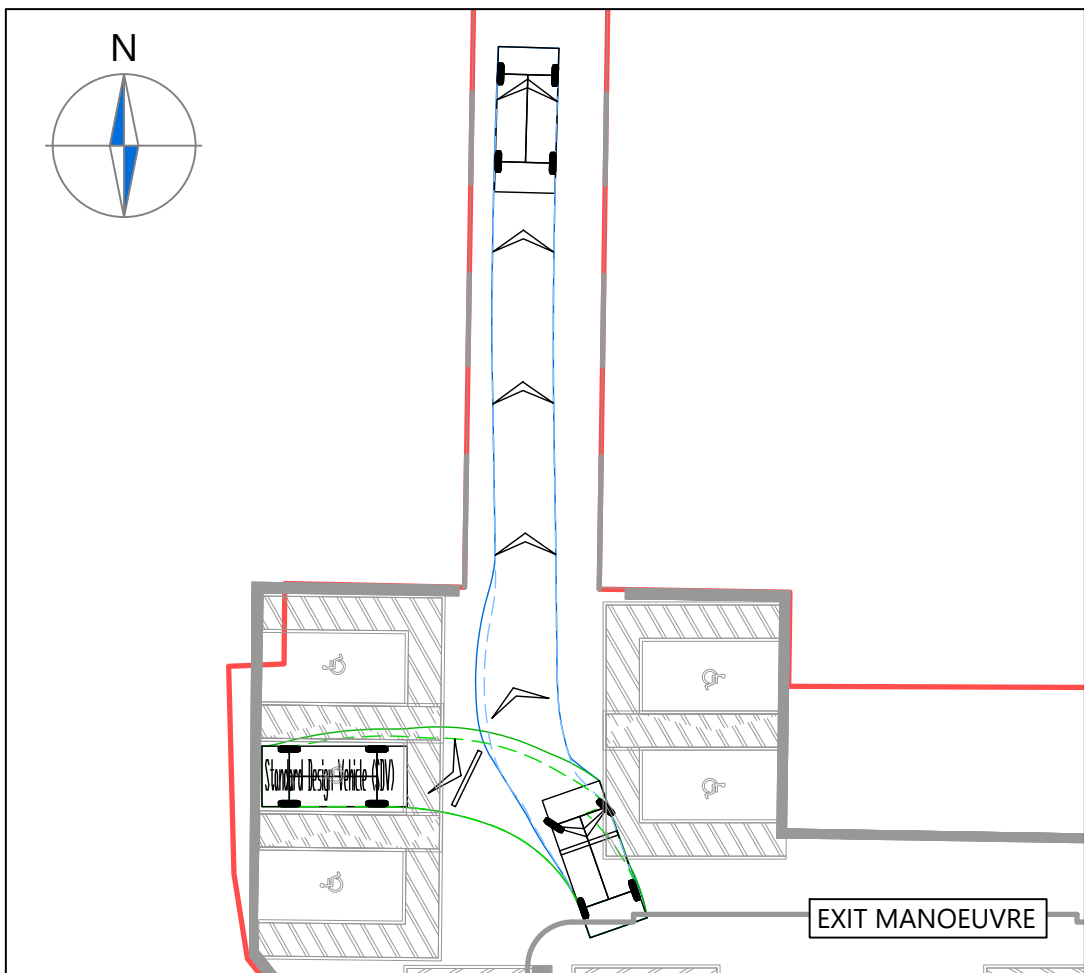
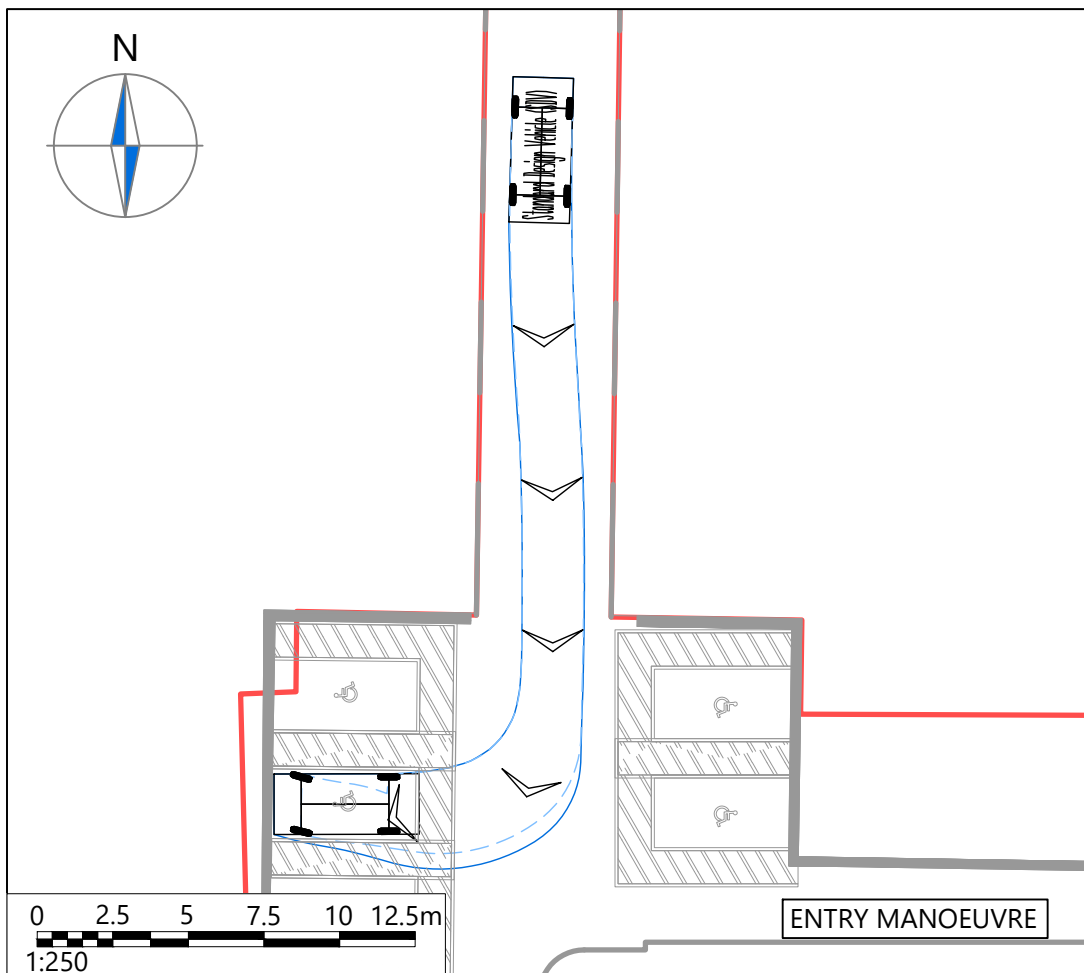
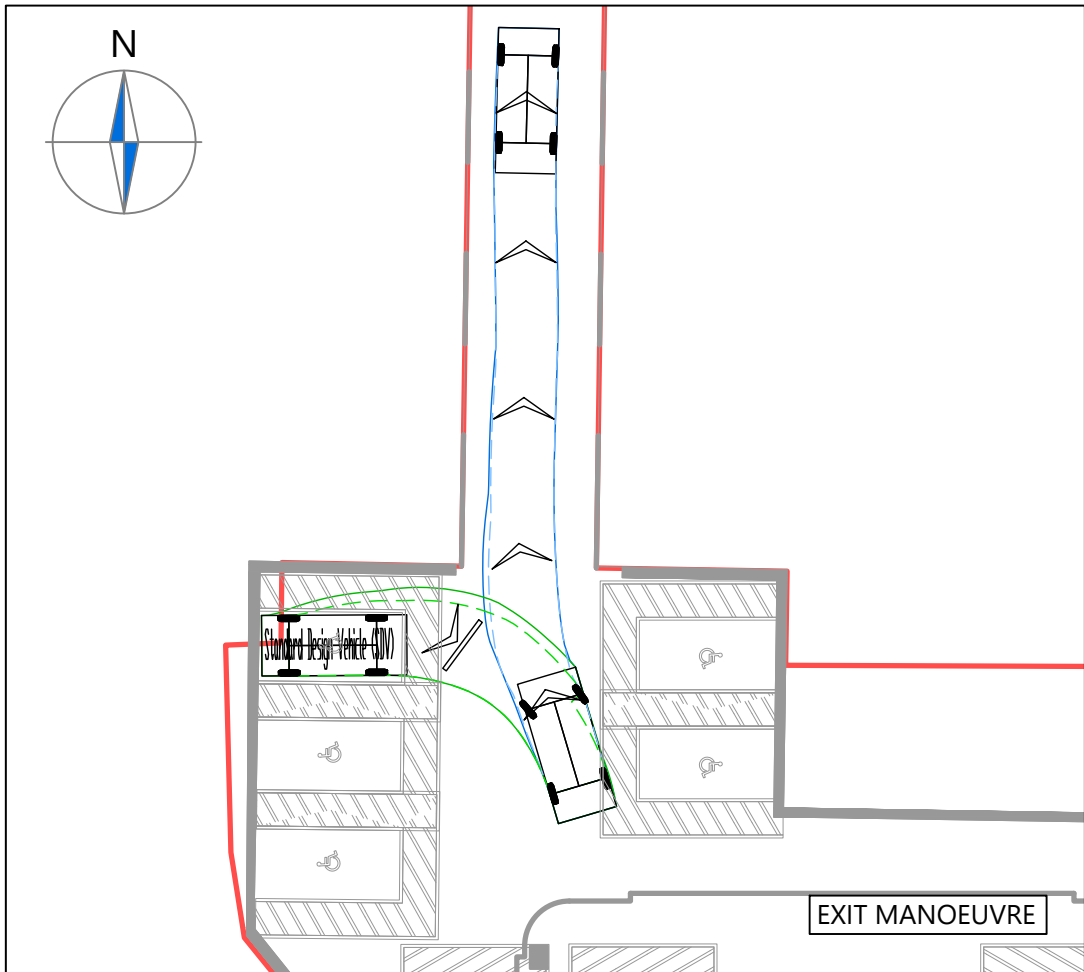
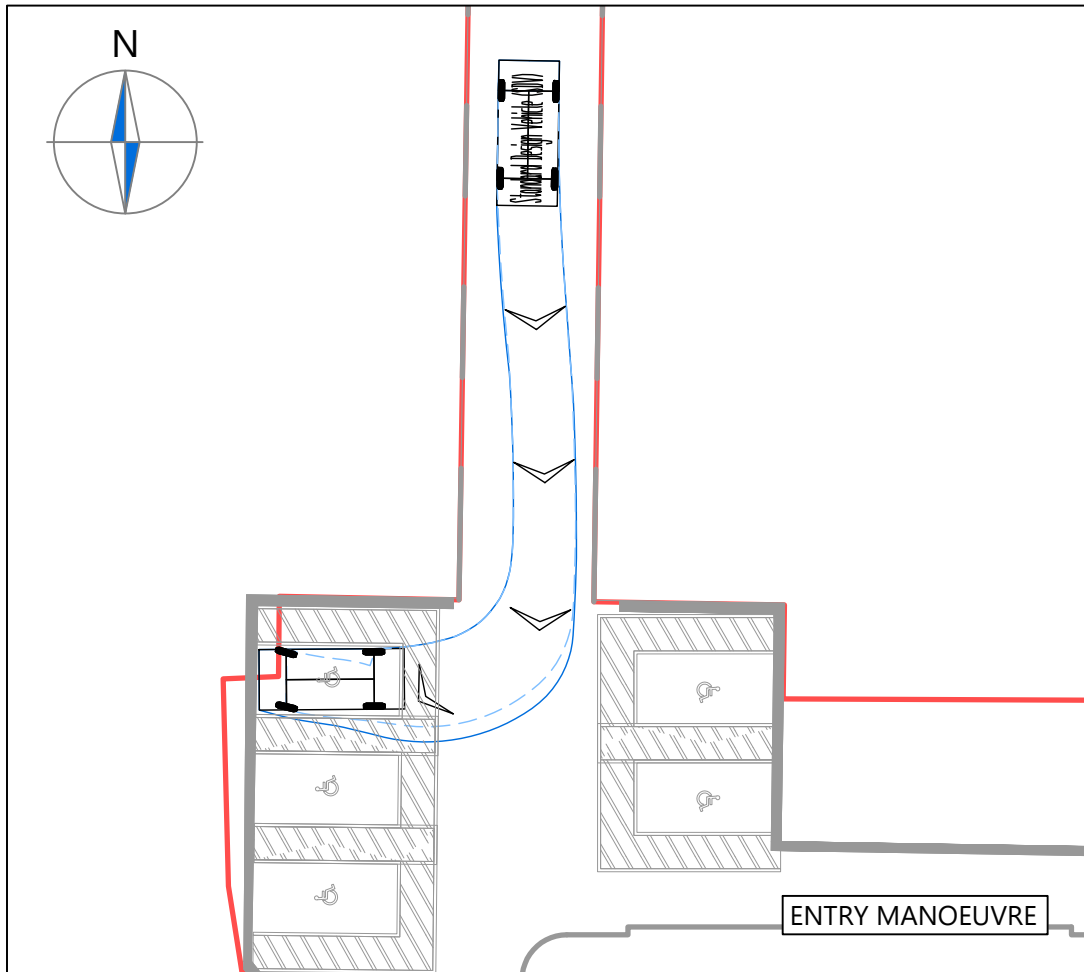


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Scheme Ref:	Drawing No:	Sheet :	Rev:
5352	TR003	1 of 1	B

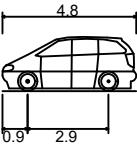




### NOTES

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2. This drawing is for illustrative purposes only.
3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

### 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	4.00s
Wall to Wall Turning Radius	6.000m

 Forward Gear  Reverse Gear

A	Updated layout	RLM	DB	29.01.2025
Rev	Details	Drawn	Checked	Date
REVISION HISTORY				
Status:	<input checked="" type="checkbox"/> Preliminary	<input type="checkbox"/> Detailed	<input type="checkbox"/> As Built	

Client:  
**Regal Avenue Road Limited**

Project:  
**100 Avenue Road  
Camden**

Drawing Title:  
**Vehicle Swept Path Analysis for a  
Standard Design Vehicle (SDV)**

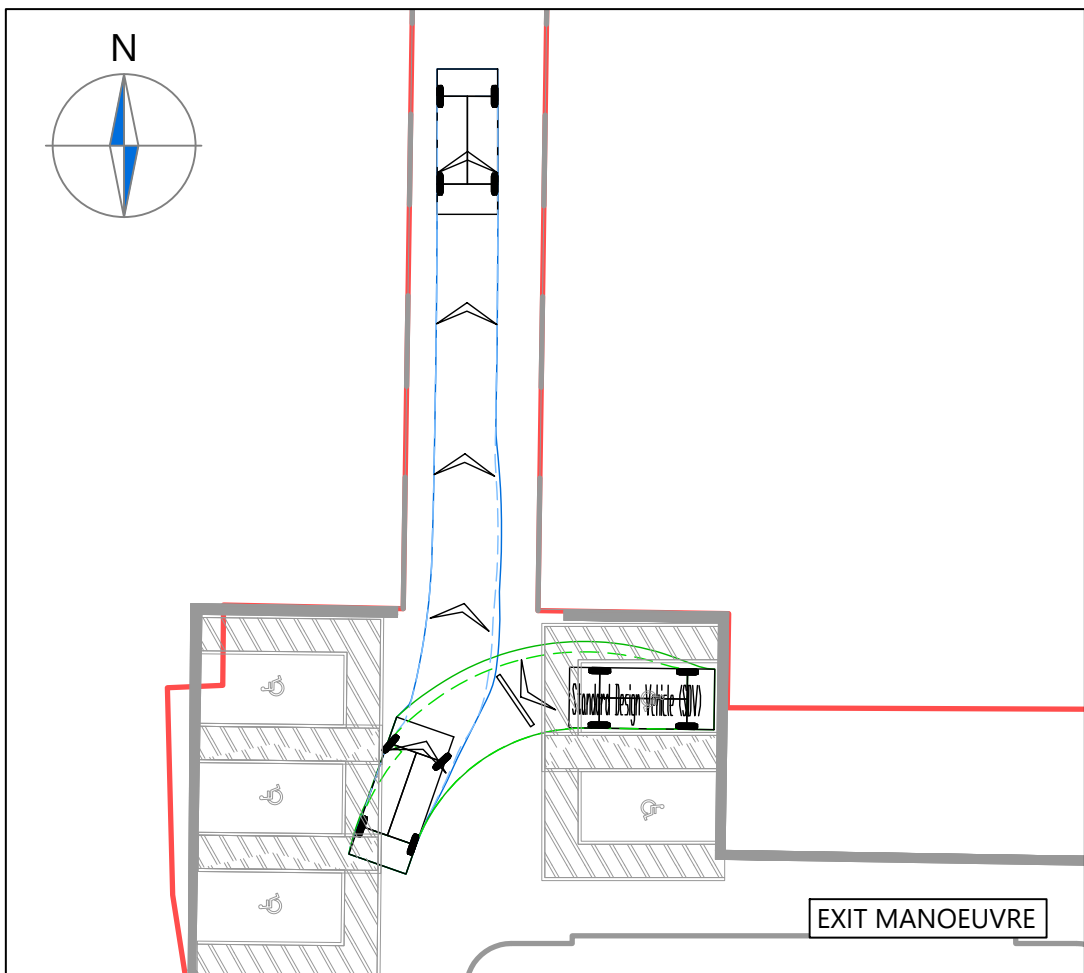
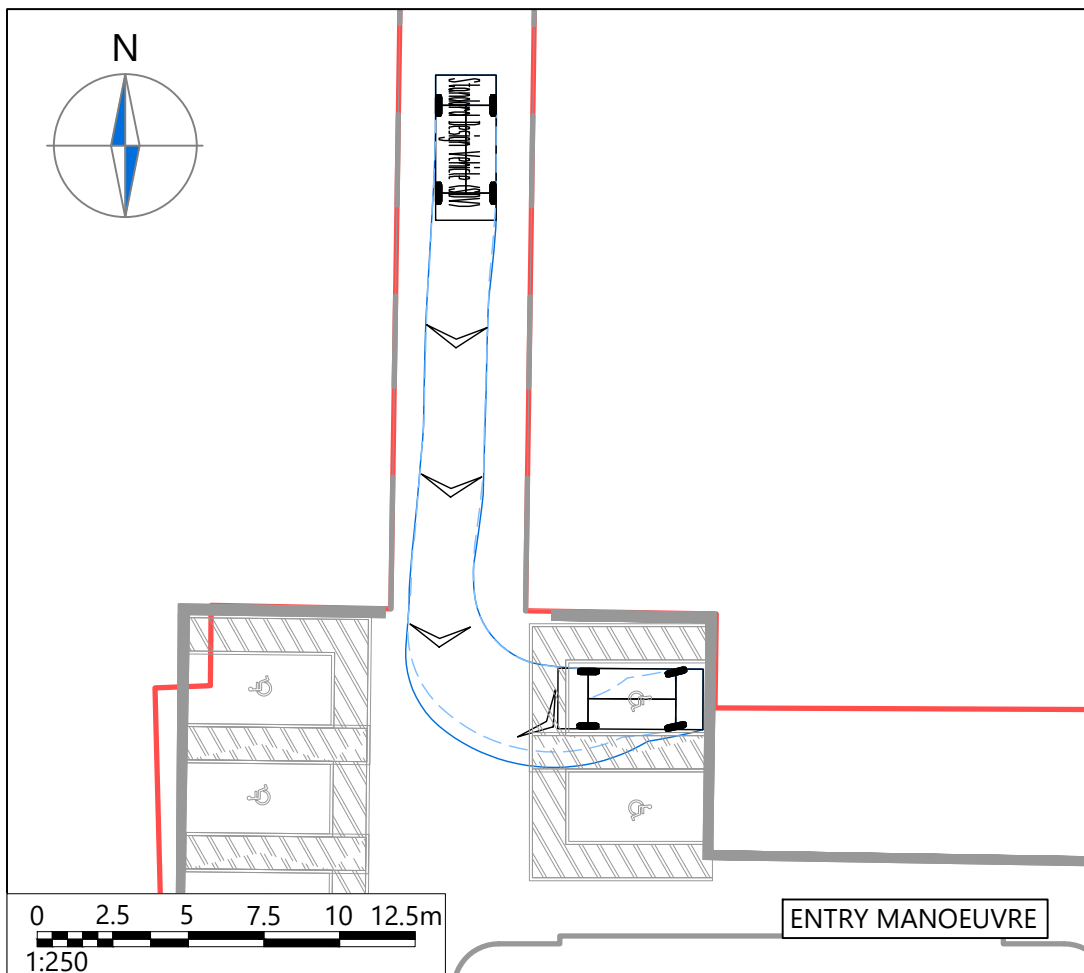
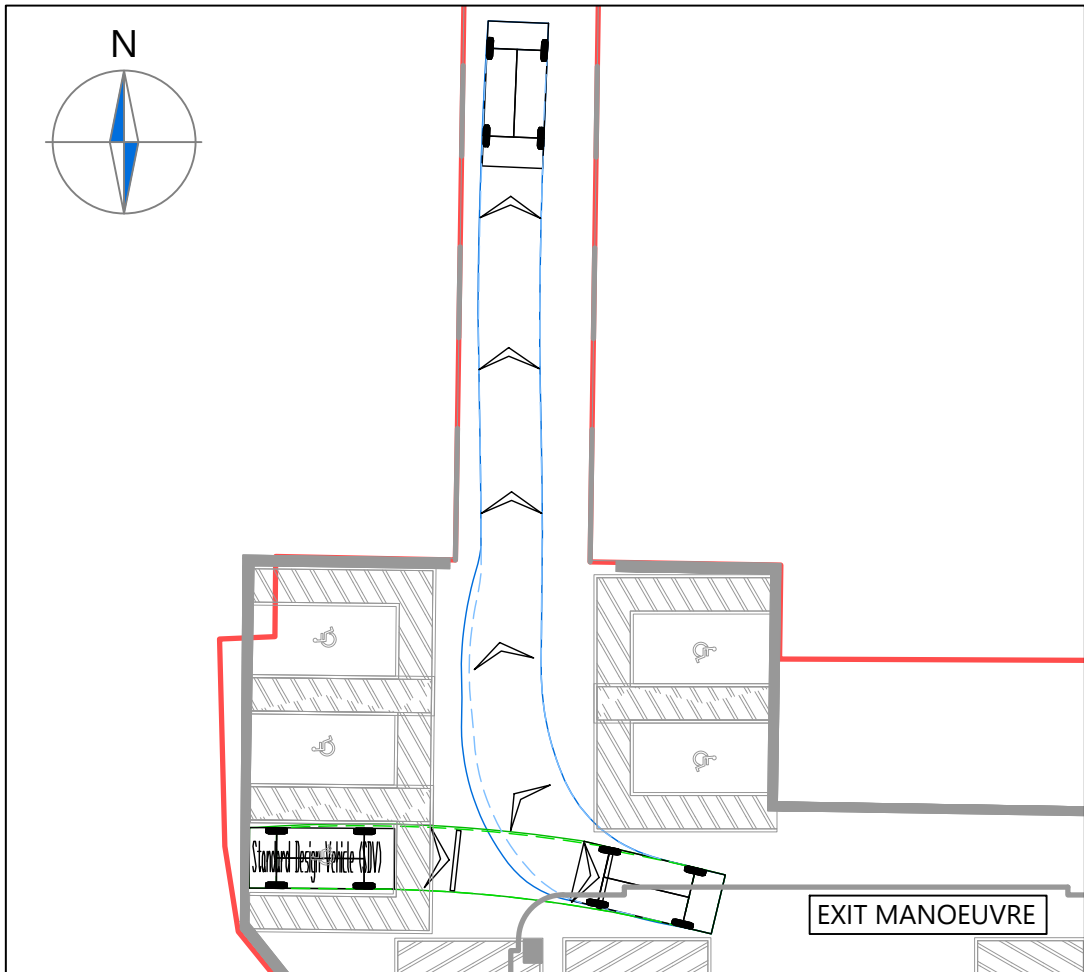
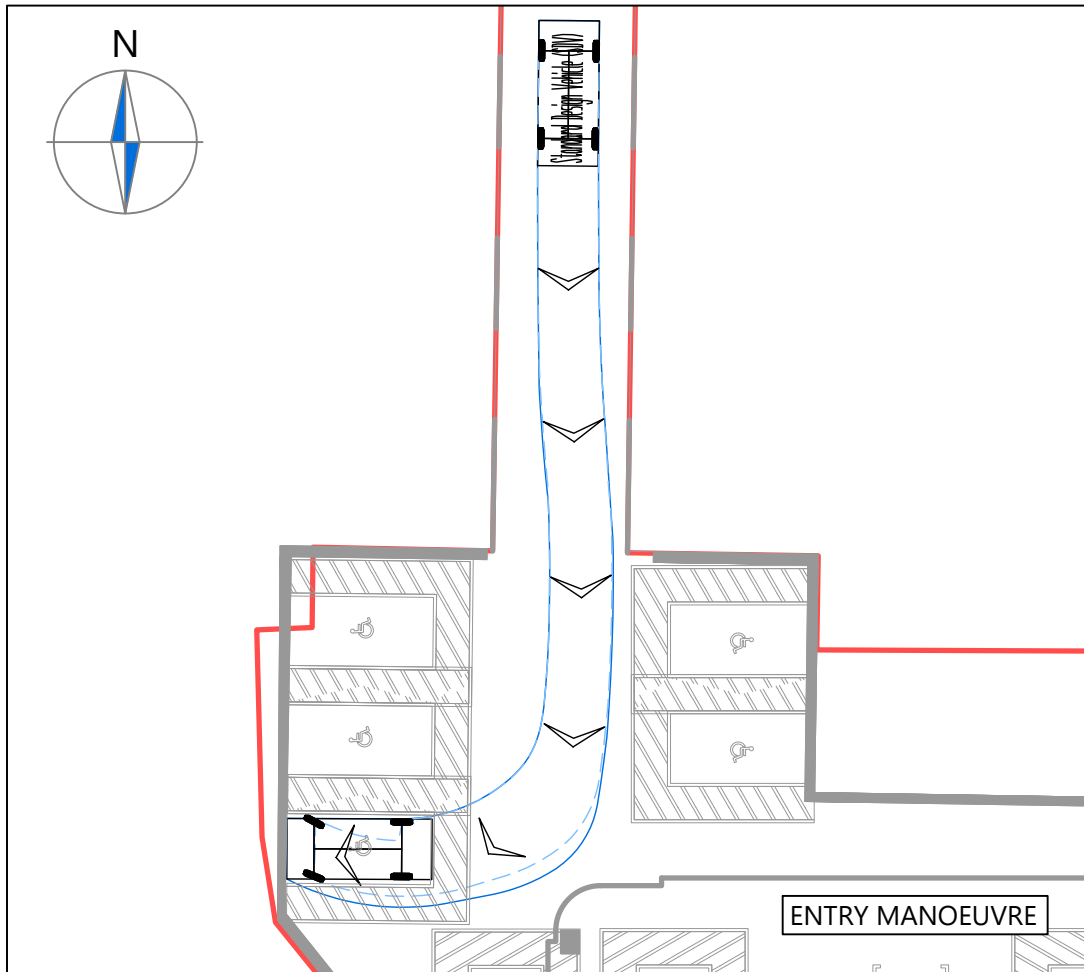
Scale: **1:250** Size: **A3**

Drawn by: **COS** Checked by: **DB** Approved by: **DB** Date: **02.12.2024**

**CANEPARO ASSOCIATES**  
Transport Planning & Highway Design  
21 Little Portland Street • London • W1W 8BT • Tel. 020 3617 8200

Scheme Ref: **5352** Drawing No: **TR005** Sheet: **1 of 6** Rev: **A**

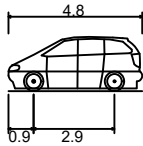




## NOTES

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3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

## 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	4.00s
Wall to Wall Turning Radius	6.000m

Forward Gear Reverse Gear

A	Updated layout	RLM	DB	29.01.2025
Rev	Details	Drawn	Checked	Date
REVISION HISTORY				
Status:	<input checked="" type="checkbox"/> Preliminary <input type="checkbox"/> Detailed <input type="checkbox"/> As Built			

Client:

Regal Avenue Road Limited

Project:

100 Avenue Road  
Camden

Drawing Title:

Vehicle Swept Path Analysis for a  
Standard Design Vehicle (SDV)

Scale:

1:250

Size:

A3

Drawn by:

COS

Checked by:

DB

Approved by:

DB

Date:

02.12.2024

**CANEPARO ASSOCIATES**  
Transport Planning & Highway Design  
21 Little Portland Street • London • W1W 8BT • Tel. 020 3617 8200

Scheme Ref:

5352

Drawing No:

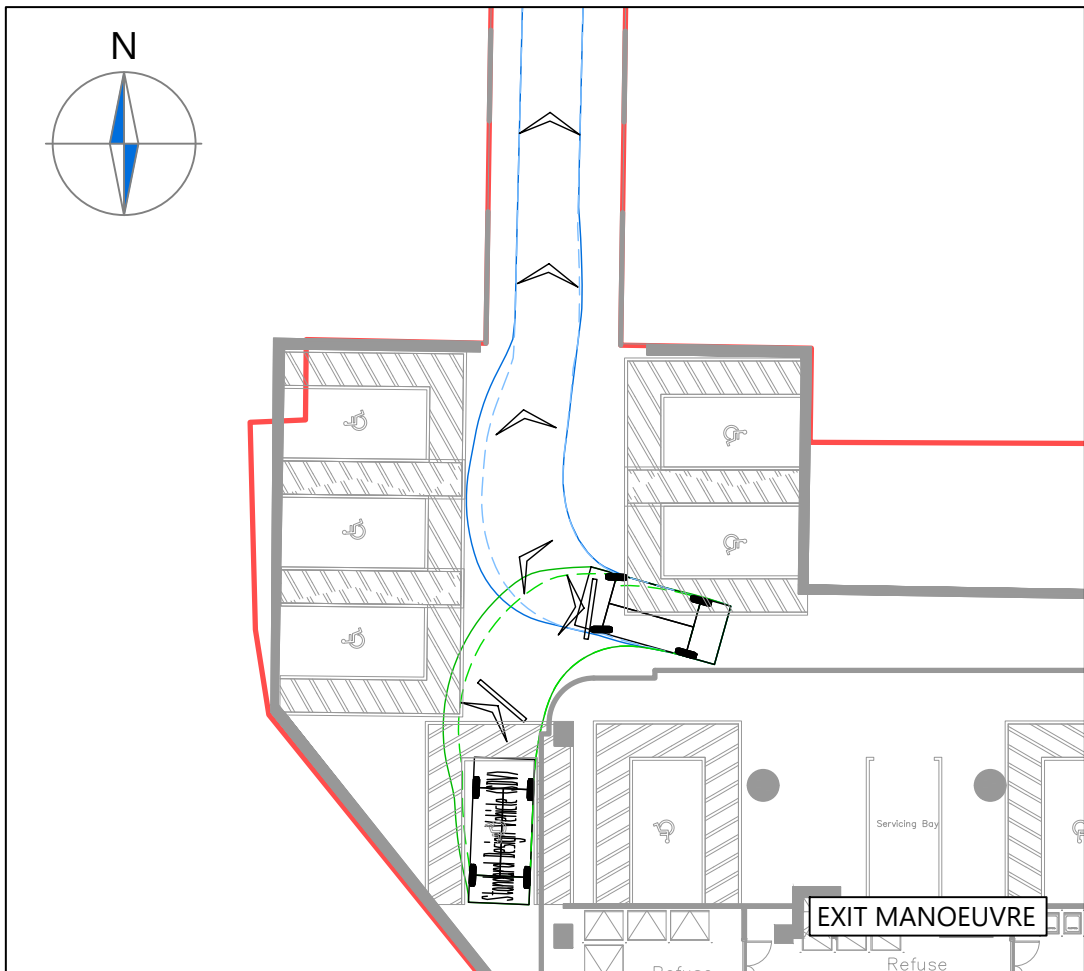
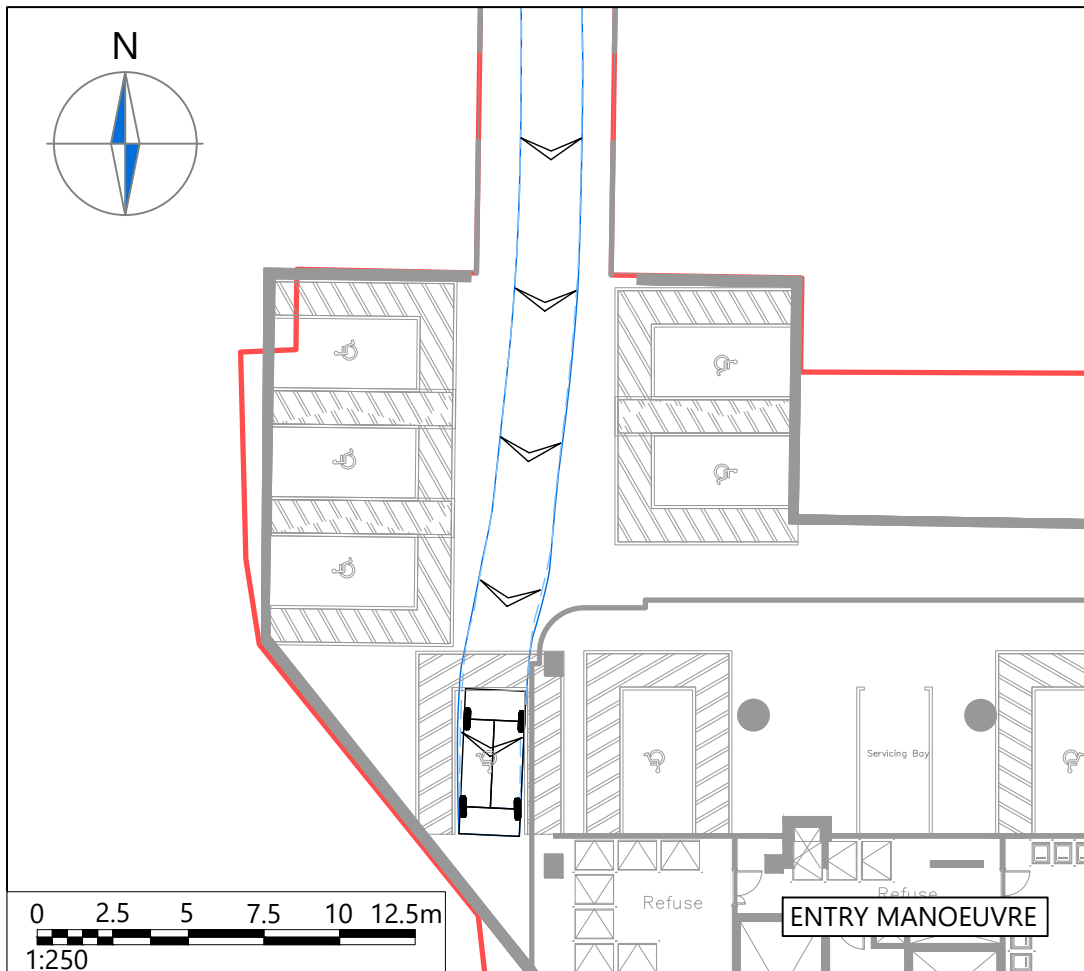
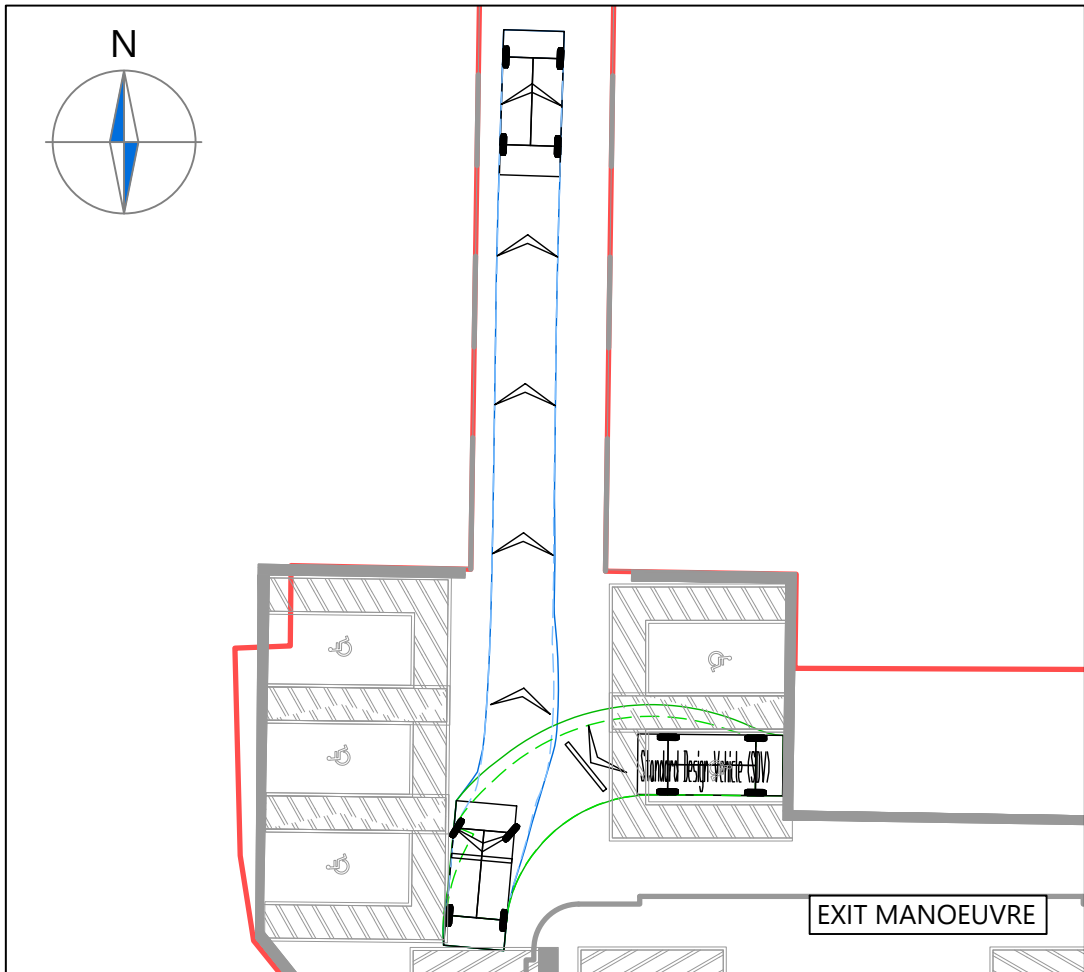
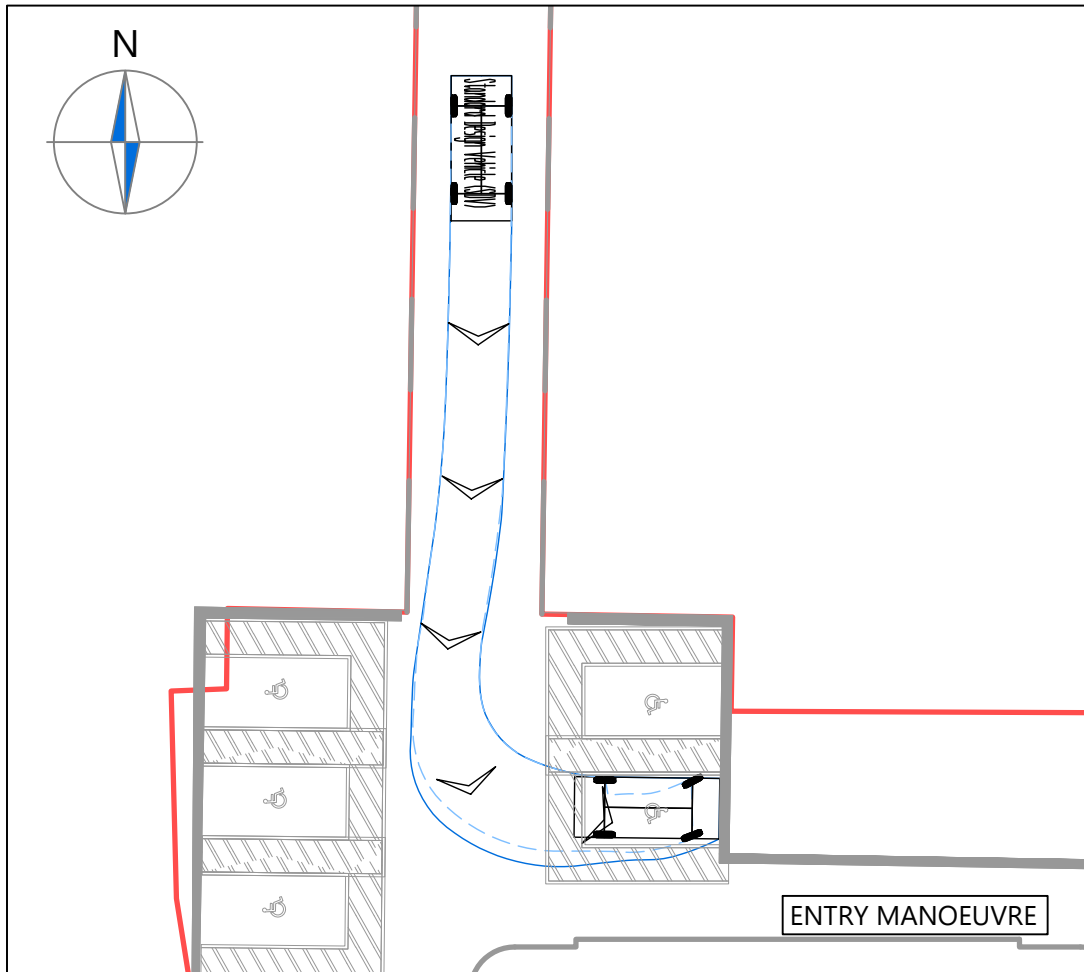
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Sheet :

2 of 6

Rev:

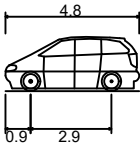
A



# NOTES

- 1. This drawing to be read & printed in colour.
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- 4. Stationary steering has not been used on this drawing.

## 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	4.00s
Wall to Wall Turning Radius	6.000m

Forward Gear Reverse Gear

A	Updated layout	RLM	DB	29.01.2025
Rev	Details	Drawn	Checked	Date
REVISION HISTORY				
Status:	<input checked="" type="checkbox"/> Preliminary	<input type="checkbox"/> Detailed	<input type="checkbox"/> As Built	

Client: Regal Avenue Road Limited

Project: 100 Avenue Road Camden

Drawing Title: Vehicle Swept Path Analysis for a Standard Design Vehicle (SDV)

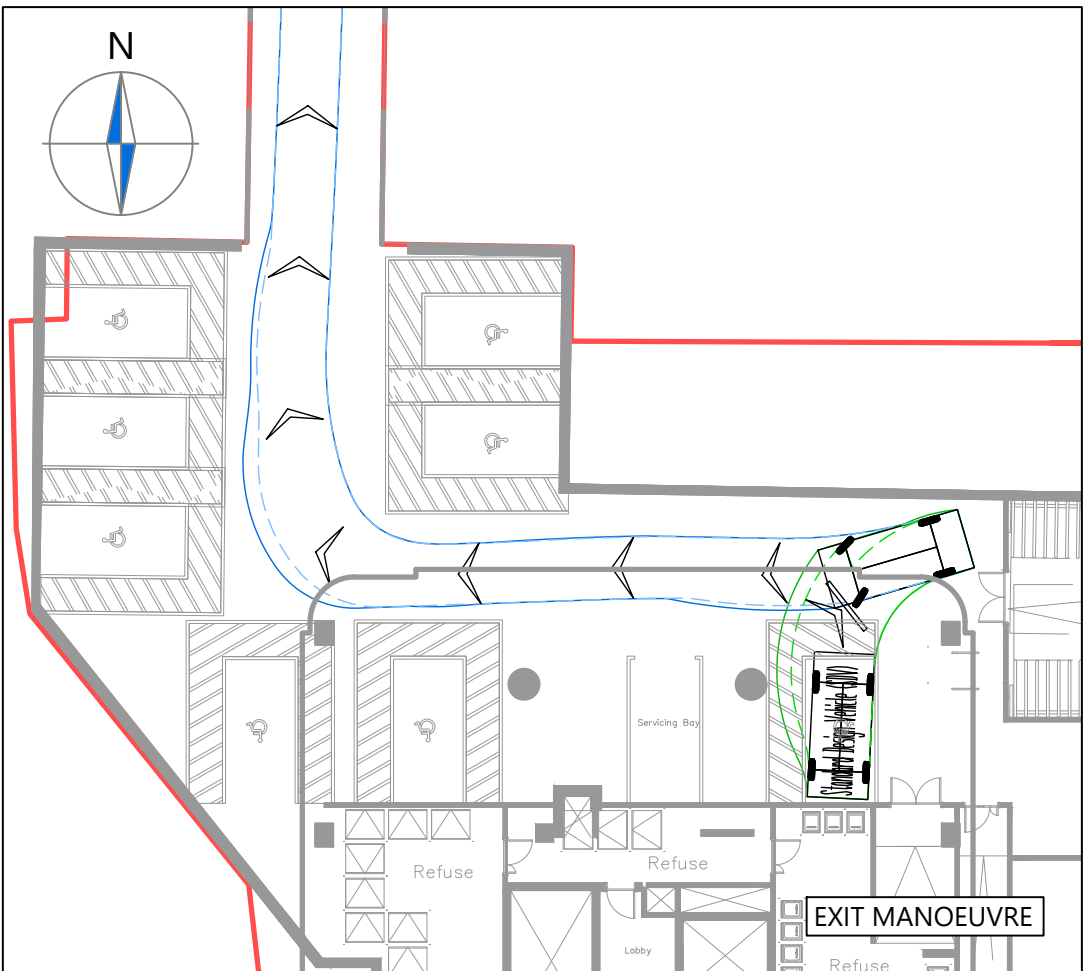
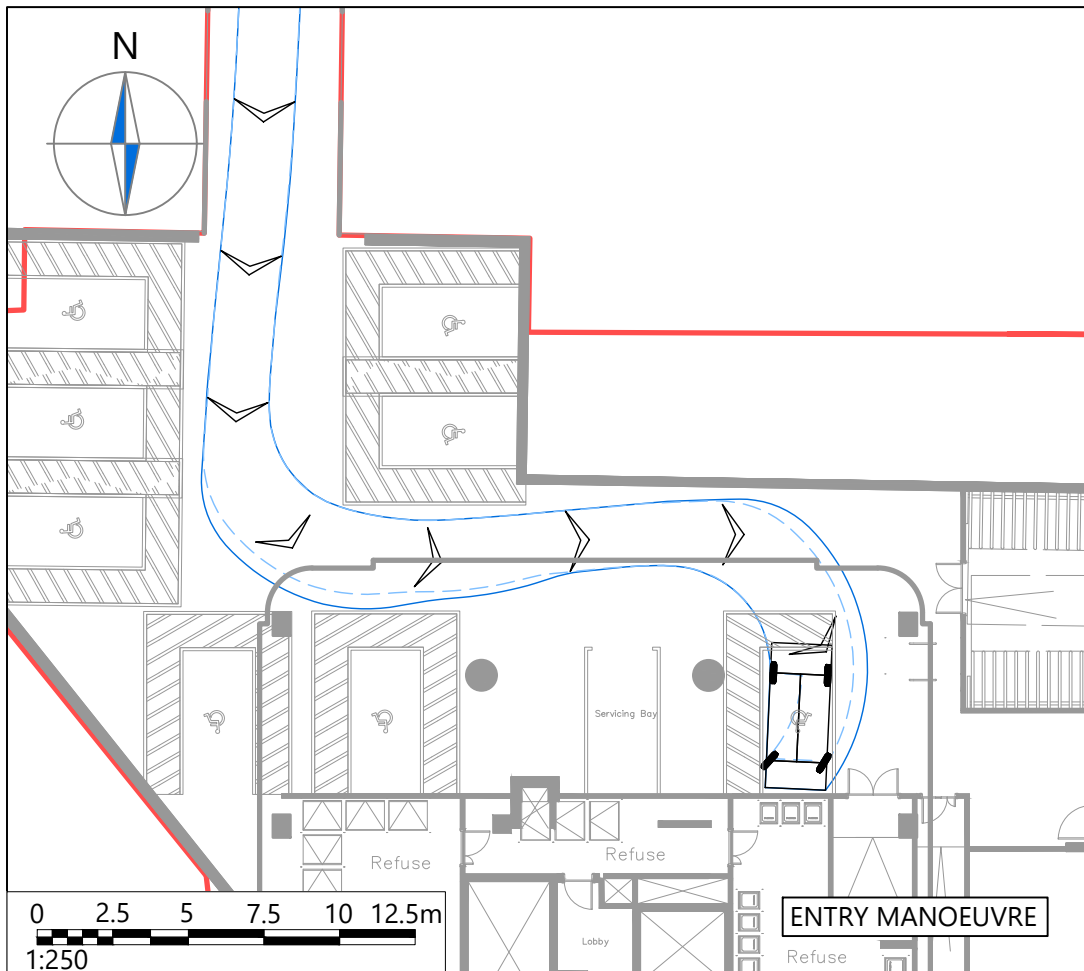
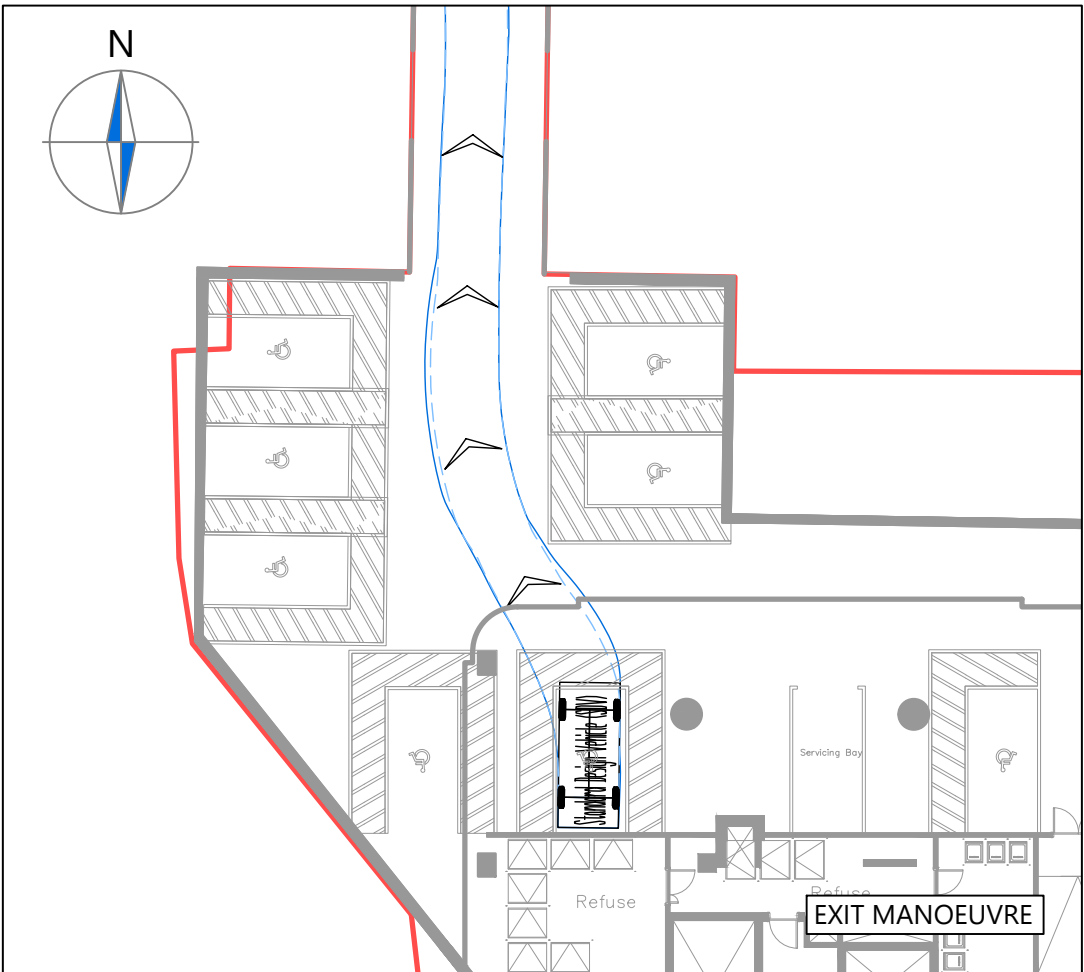
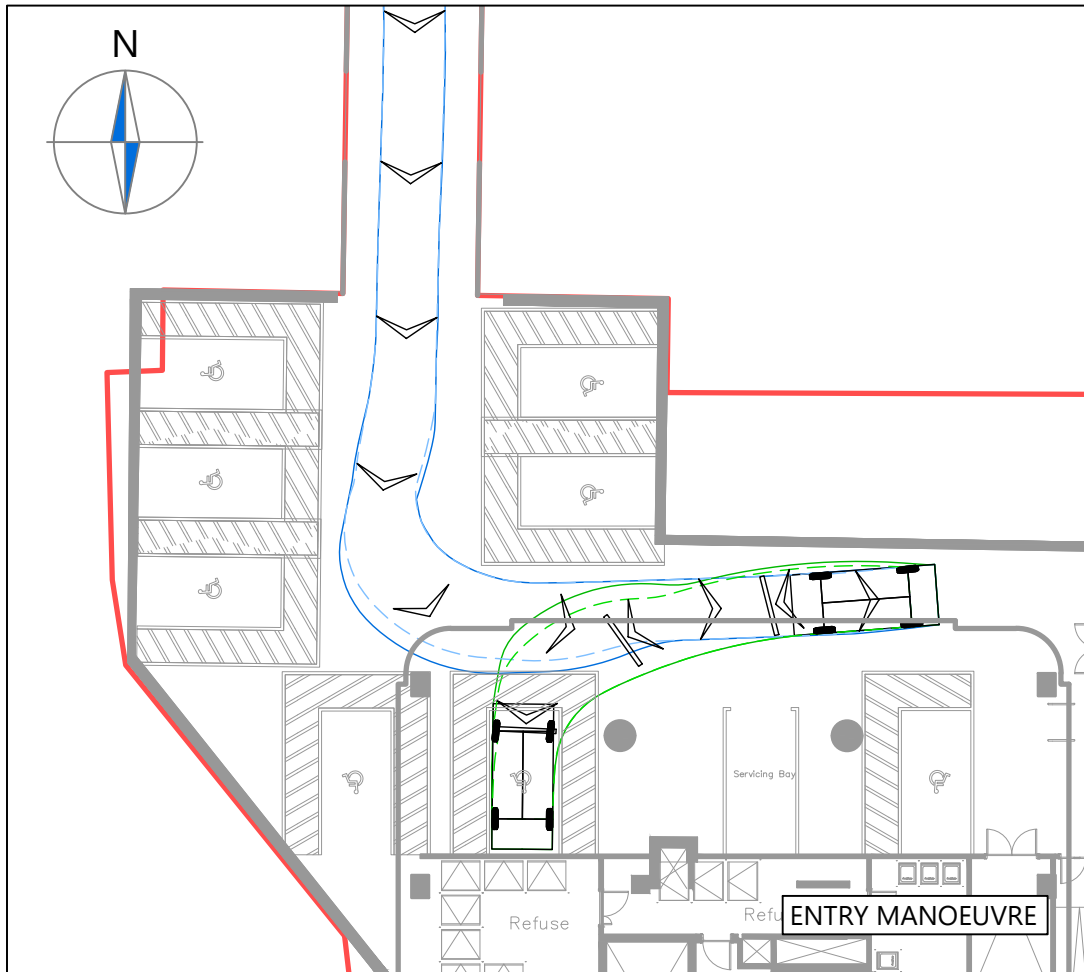
Scale: 1:250 Size: A3

Drawn by: COS Checked by: DB Approved by: DB Date: 02.12.2024

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Transport Planning & Highway Design  
21 Little Portland Street • London • W1W 8BT • Tel. 020 3617 8200

Scheme Ref:	Drawing No:	Sheet :	Rev:
5352	TR005	3 of 6	A

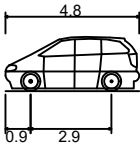




NOTES

1. This drawing to be read & printed in colour.
2. This drawing is for illustrative purposes only.
3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

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	4.00s
Wall to Wall Turning Radius	6.000m

Forward Gear Reverse Gear

A	Updated layout	RLM	DB	29.01.2025
Rev	Details	Drawn	Checked	Date
REVISION HISTORY				
Status:	<input checked="" type="checkbox"/> Preliminary	<input type="checkbox"/> Detailed	<input type="checkbox"/> As Built	

Client: Regal Avenue Road Limited

Project: 100 Avenue Road Camden

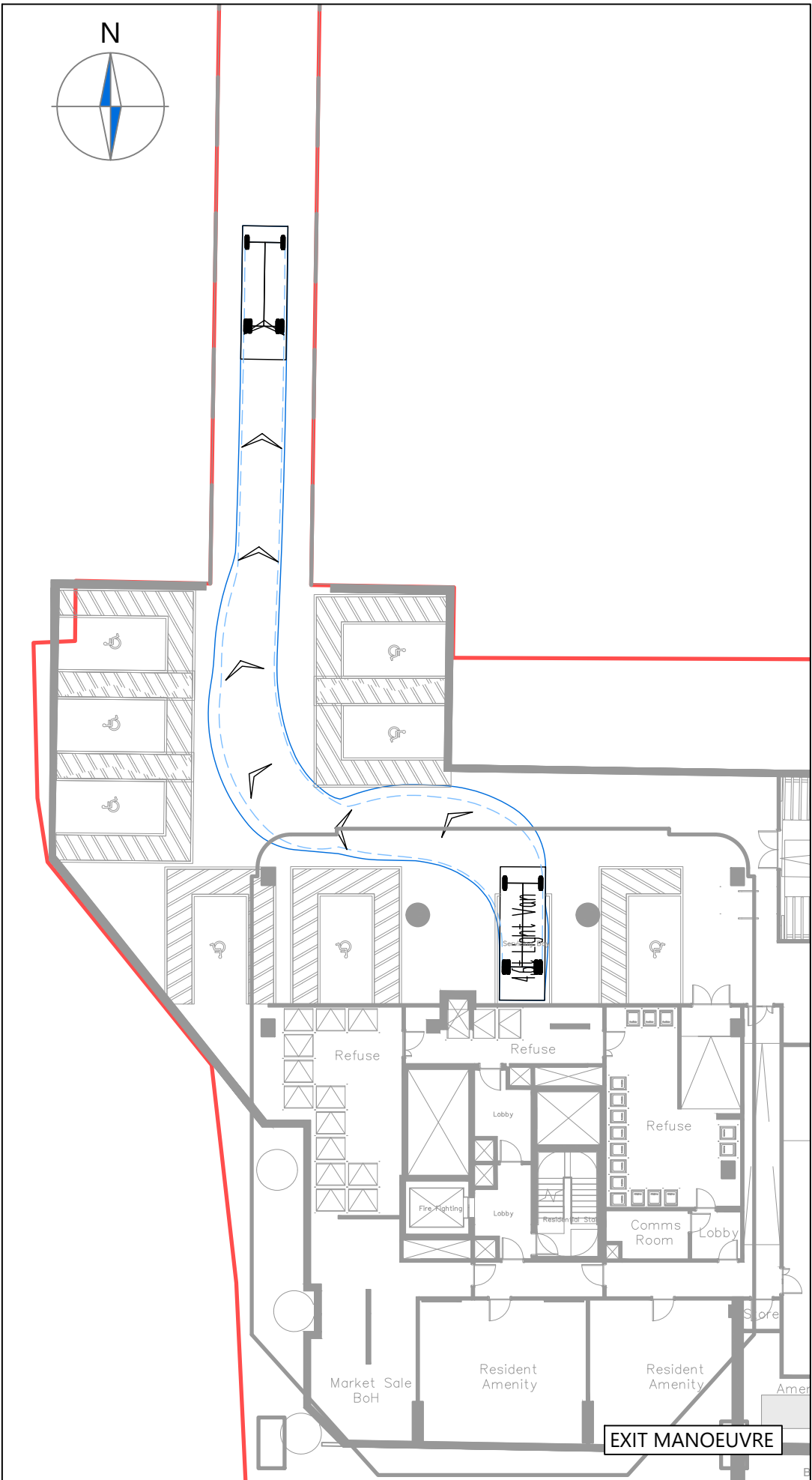
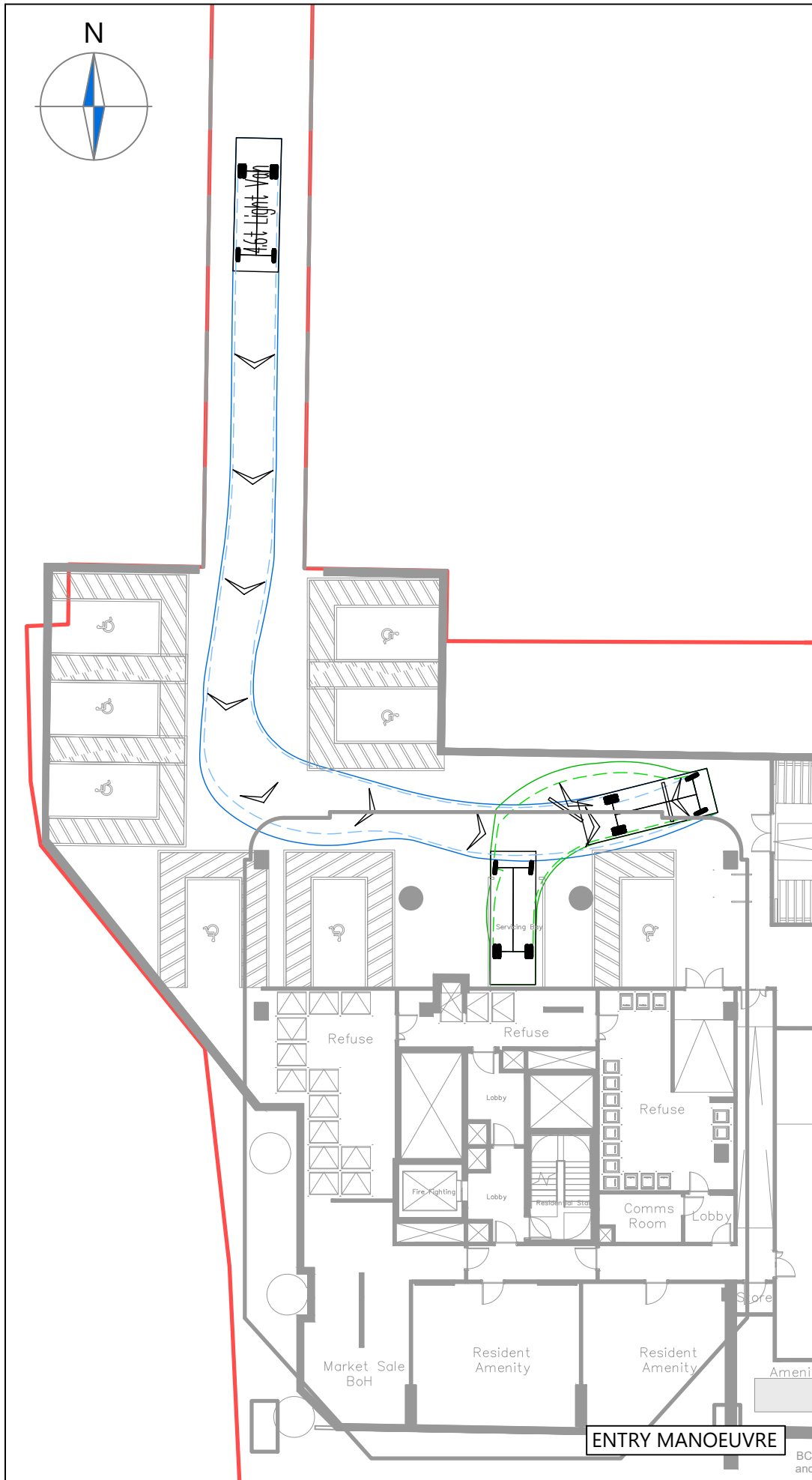
Drawing Title: Vehicle Swept Path Analysis for a Standard Design Vehicle (SDV)

Scale: 1:250 Size: A3

Drawn by: COS Checked by: DB Approved by: DB Date: 02.12.2024

**CANEPARO ASSOCIATES**  
Transport Planning & Highway Design  
21 Little Portland Street • London • W1W 8BT • Tel. 020 3617 8200

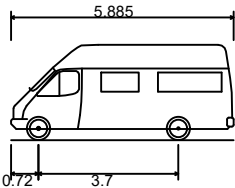
Scheme Ref: 5352	Drawing No: TR005	Sheet: 4 of 6	Rev: A
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NOTES

- 1. This drawing to be read & printed in colour.
- 2. This drawing is for illustrative purposes only.
- 3. Design speed for all vehicle swept paths is 5kph.
- 4. Stationary steering has not been used on this drawing.

4.6T LIGHT VAN



Overall Length	5.885m
Overall Width	2.000m
Overall Body Height	2.526m
Min Body Ground Clearance	0.299m
Track Width	1.765m
Lock to Lock Time	4.00s
Kerb to Kerb Turning Radius	6.000m

	Forward Gear		Reverse Gear
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A	Updated layout	RLM	DB	29.01.2025
Rev	Details	Drawn	Checked	Date
REVISION HISTORY				
Status:	<input checked="" type="checkbox"/> Preliminary	<input type="checkbox"/> Detailed	<input type="checkbox"/> As Built	

Client: Regal Avenue Road Limited

Project: 100 Avenue Road Camden

Drawing Title: Vehicle Swept Path Analysis for a 4.6t Light Van

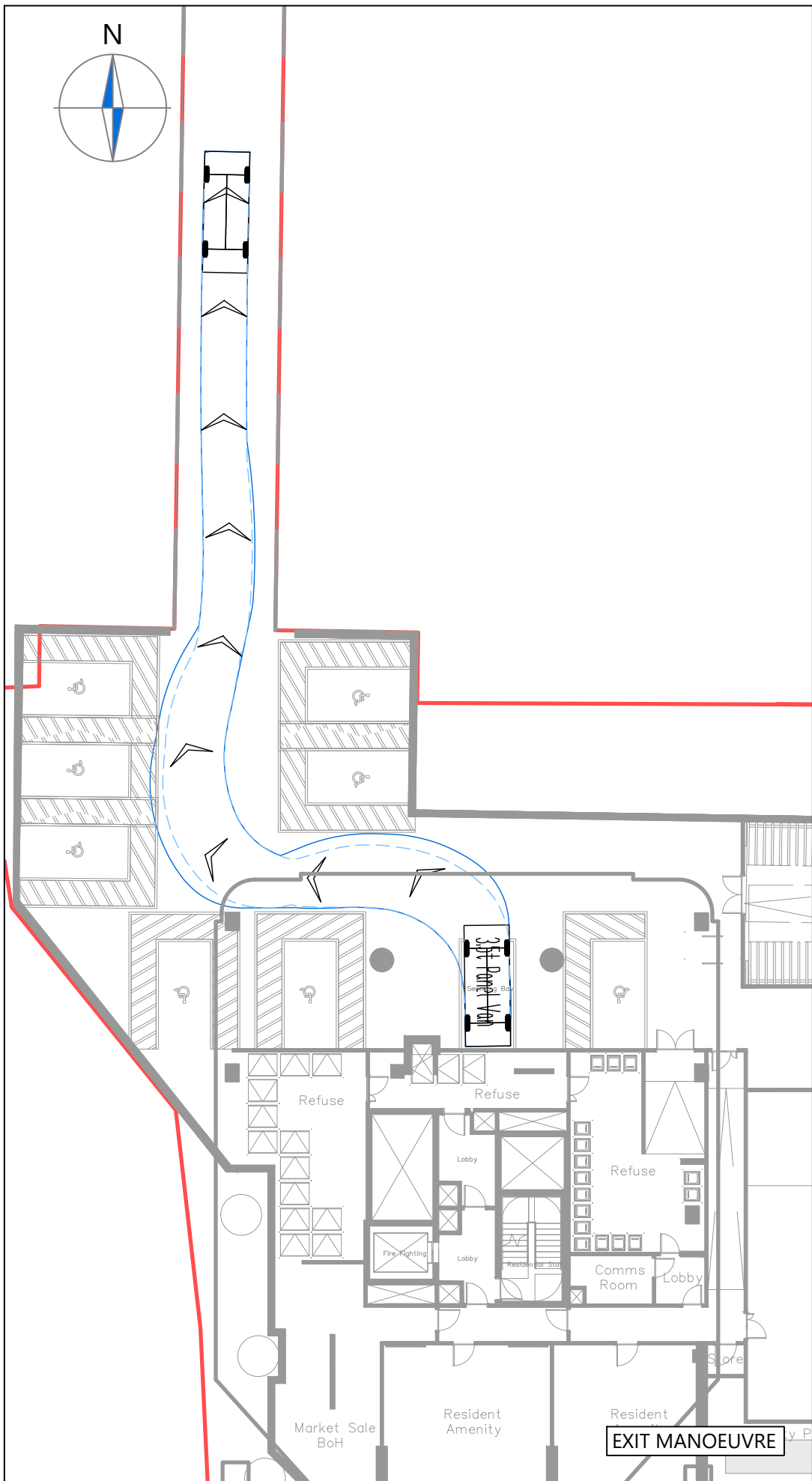
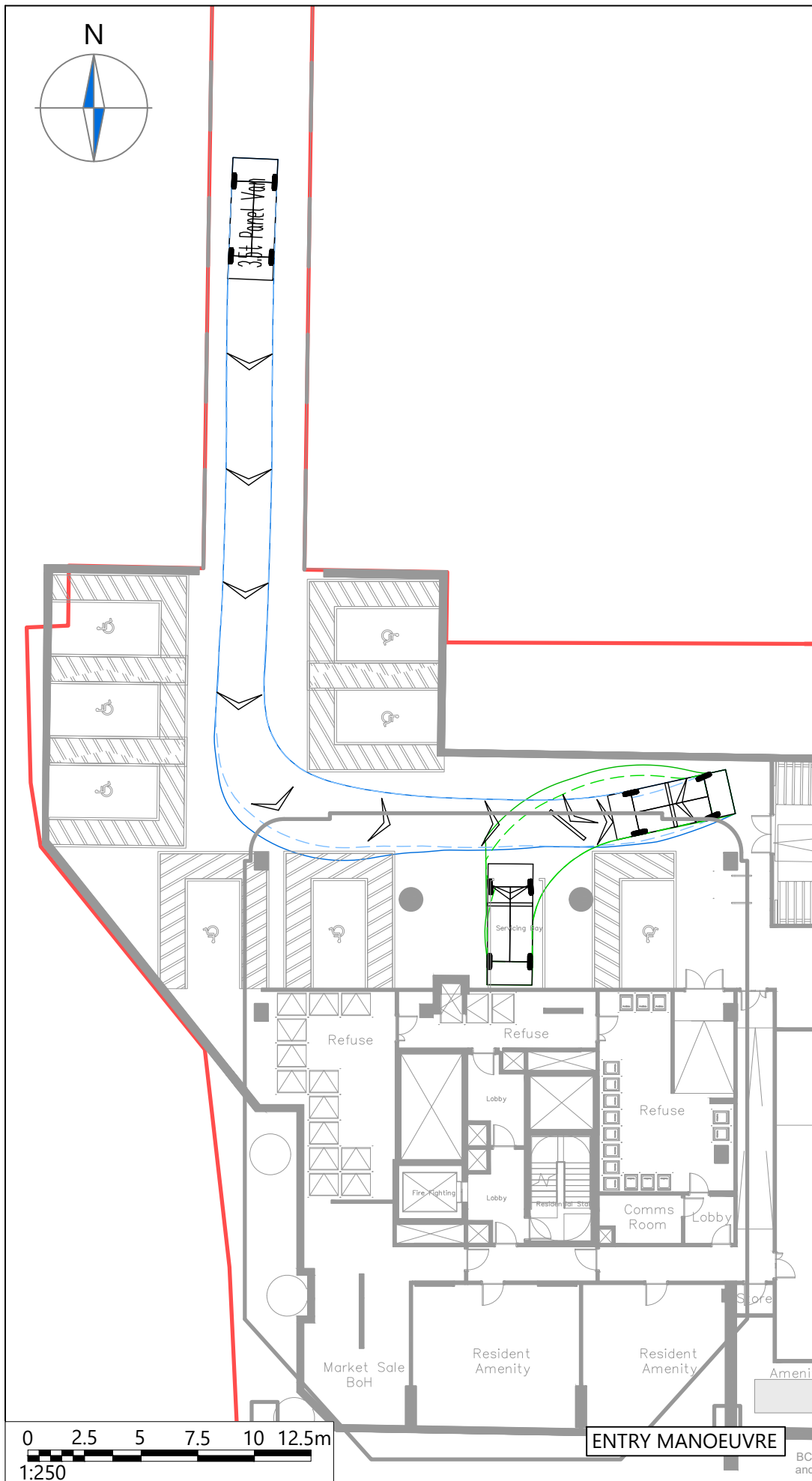
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Drawn by: COS Checked by: DB Approved by: DB Date: 02.12.2024

**CANEPARO ASSOCIATES**  
Transport Planning & Highway Design  
21 Little Portland Street • London • W1W 8BT • Tel. 020 3617 8200

Scheme Ref:	Drawing No:	Sheet :	Rev:
5352	TR005	5 of 6	A

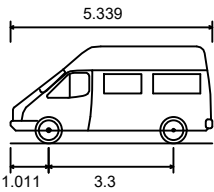




NOTES

1. This drawing to be read & printed in colour.
2. This drawing is for illustrative purposes only.
3. Design speed for all vehicle swept paths is 5kph.
4. Stationary steering has not been used on this drawing.

3.5T PANEL VAN



Overall Length	5.339m
Overall Width	1.986m
Overall Body Height	2.565m
Min Body Ground Clearance	0.338m
Track Width	1.986m
Lock to Lock Time	4.00s
Kerb to Kerb Turning Radius	6.400m

Forward Gear Reverse Gear

A	Updated layout	RLM	DB	29.01.2025
Rev	Details	Drawn	Checked	Date
REVISION HISTORY				
Status:	<input checked="" type="checkbox"/> Preliminary <input type="checkbox"/> Detailed <input type="checkbox"/> As Built			

Client: Regal Avenue Road Limited

Project: 100 Avenue Road Camden

Drawing Title: Vehicle Swept Path Analysis for a 3.5t Panel Van

Scale: 1:250 Size: A3

Drawn by: COS Checked by: DB Approved by: DB Date: 02.12.2024

**CANEPARO ASSOCIATES**  
Transport Planning & Highway Design  
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