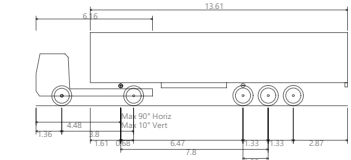
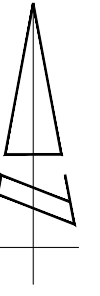
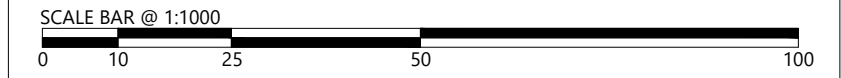
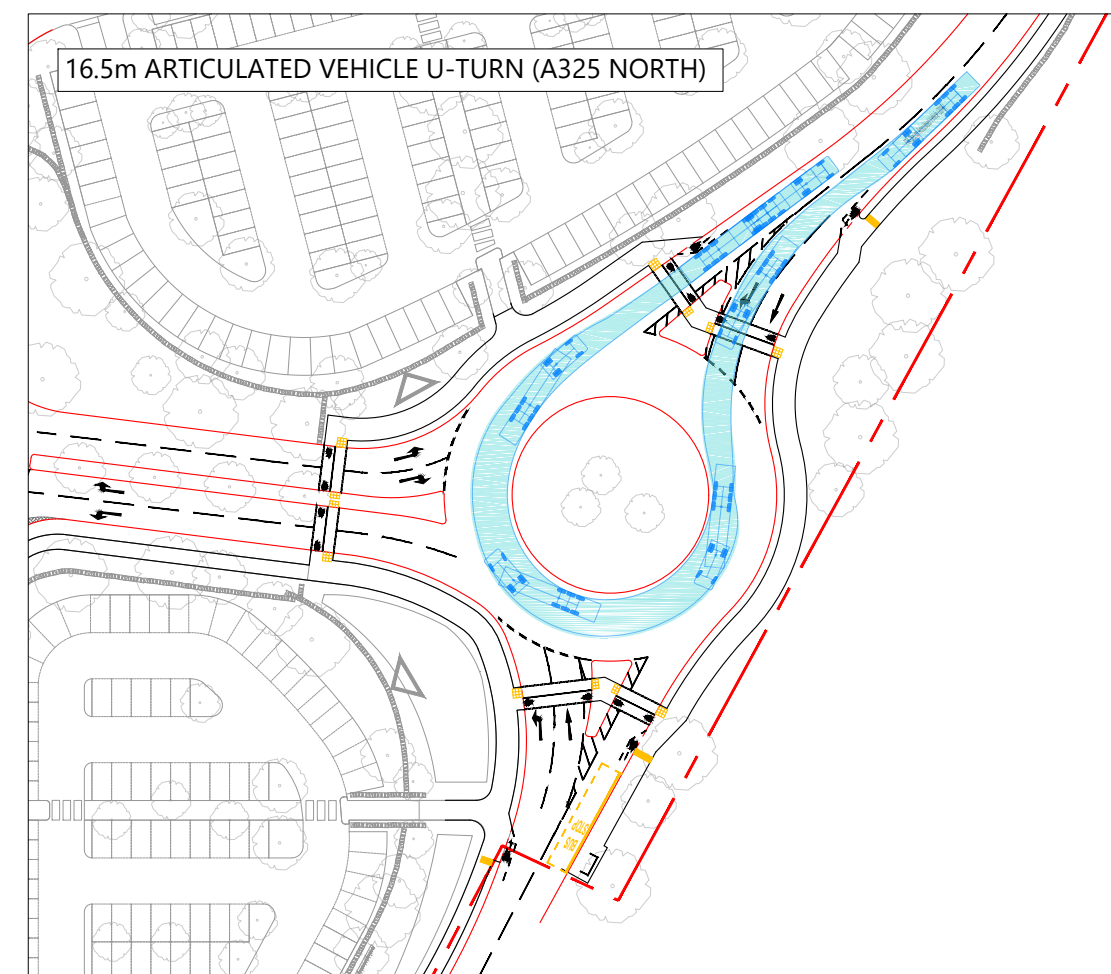
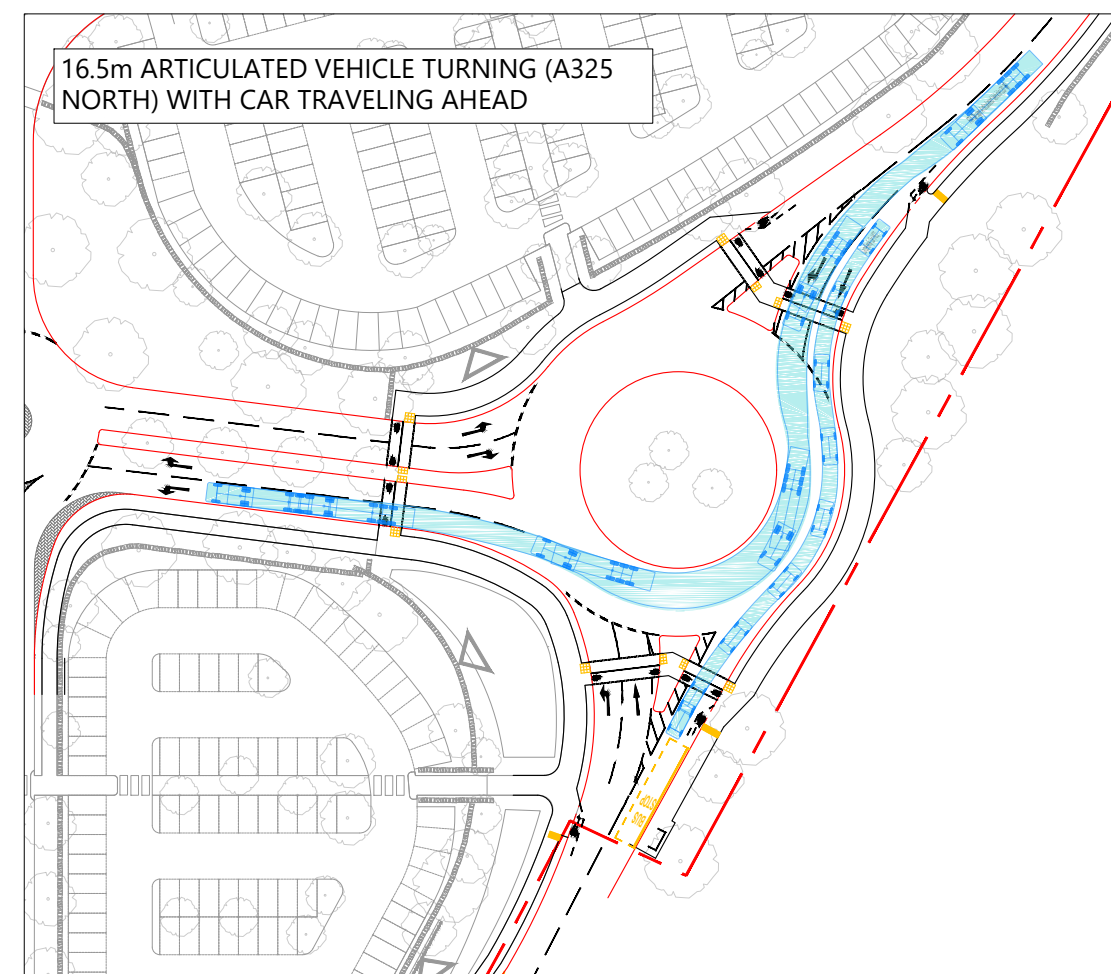
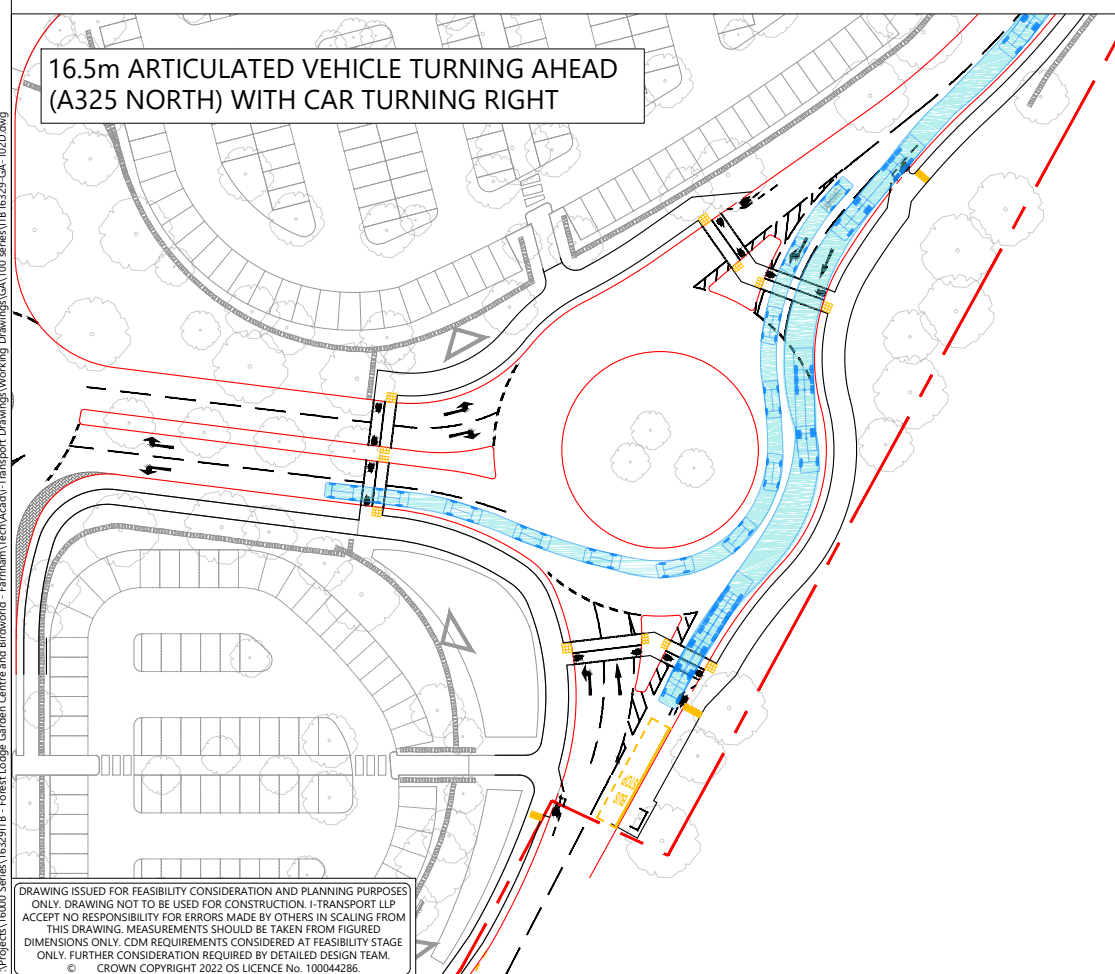
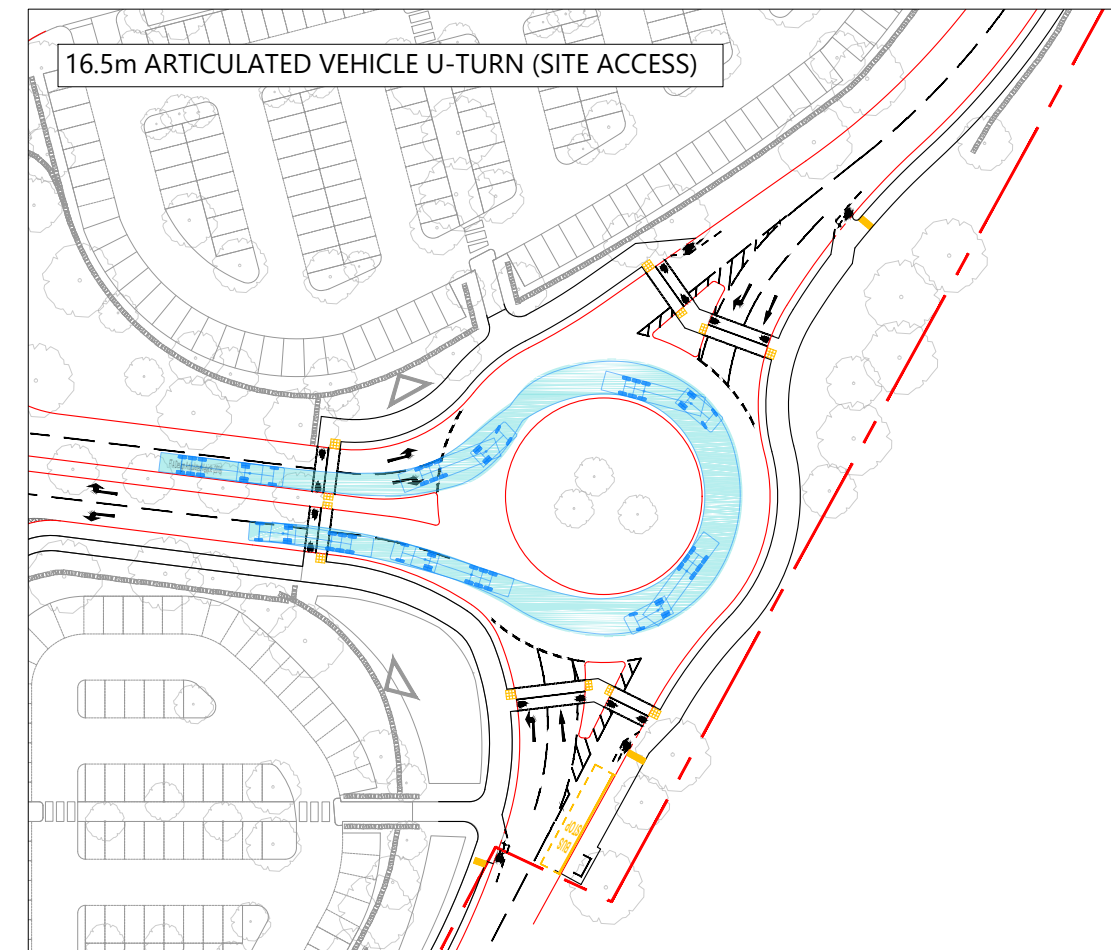
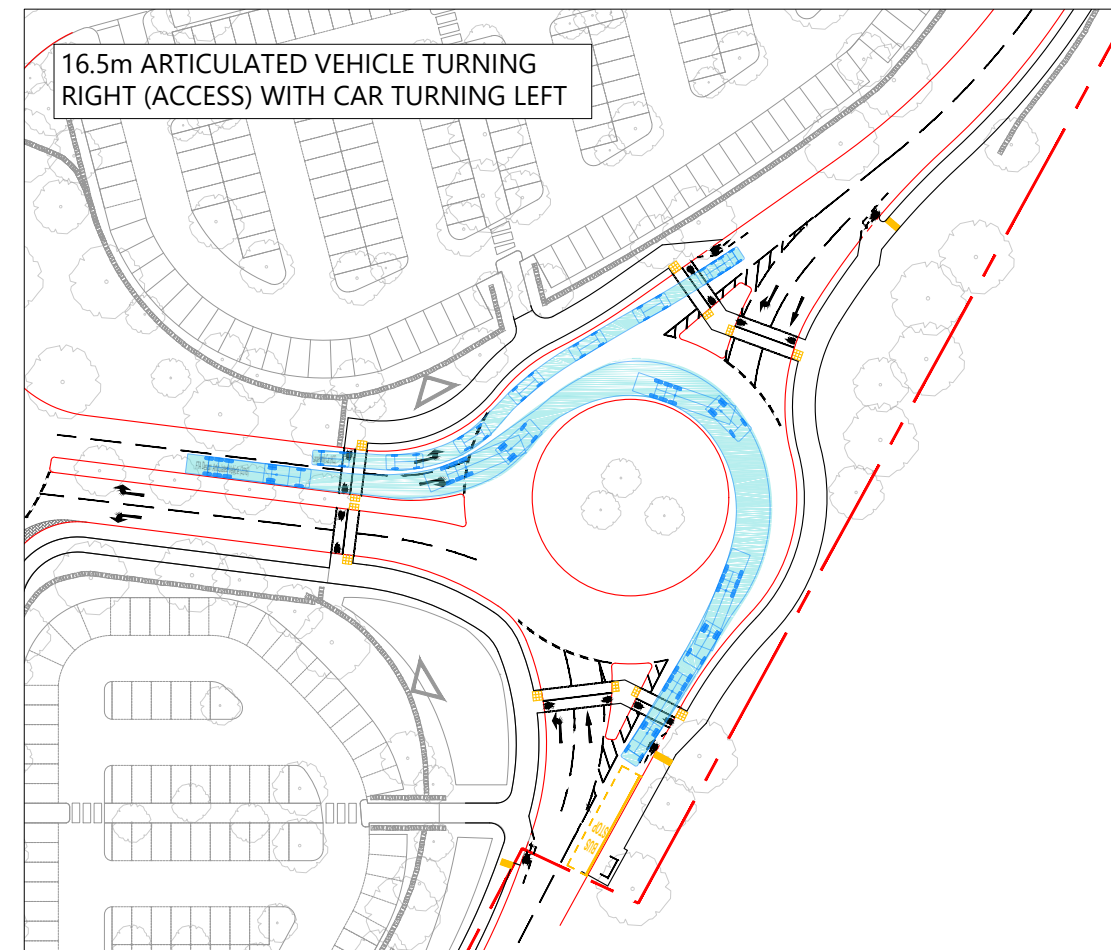
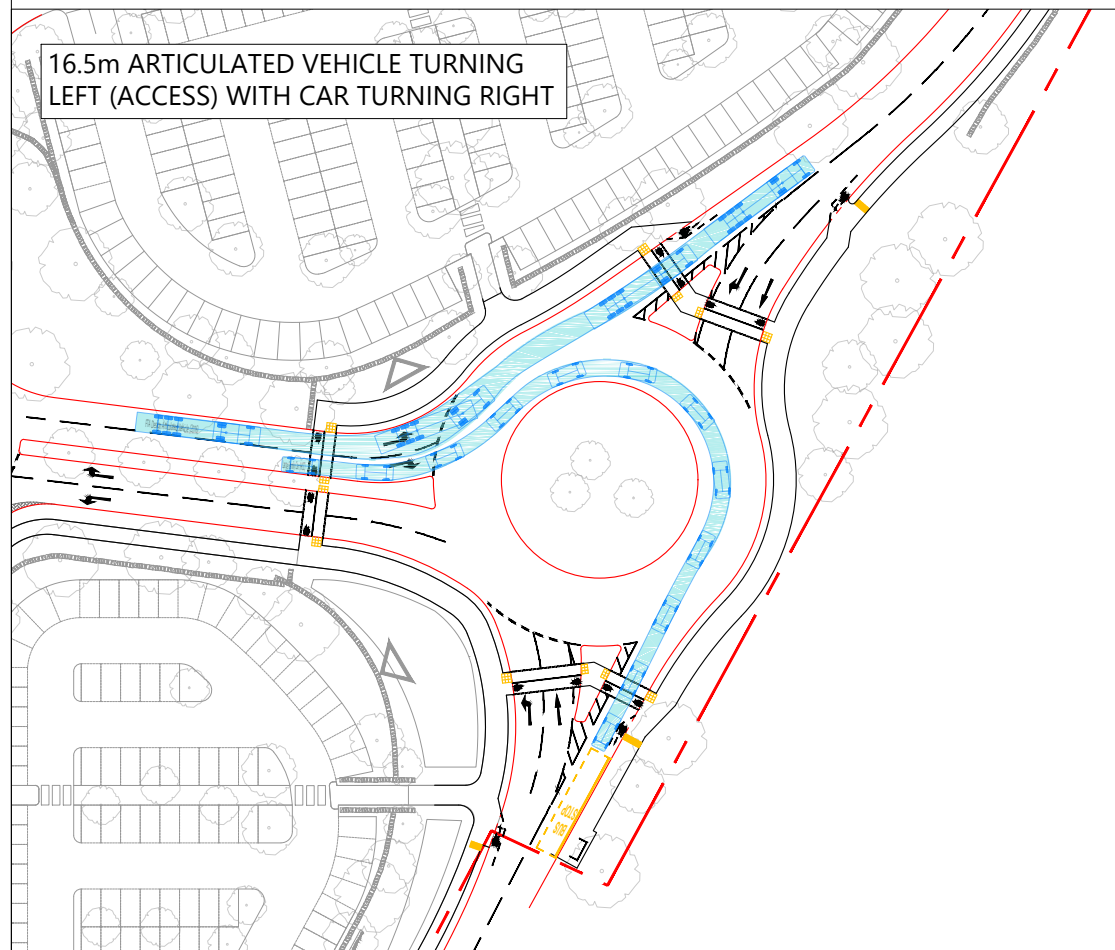
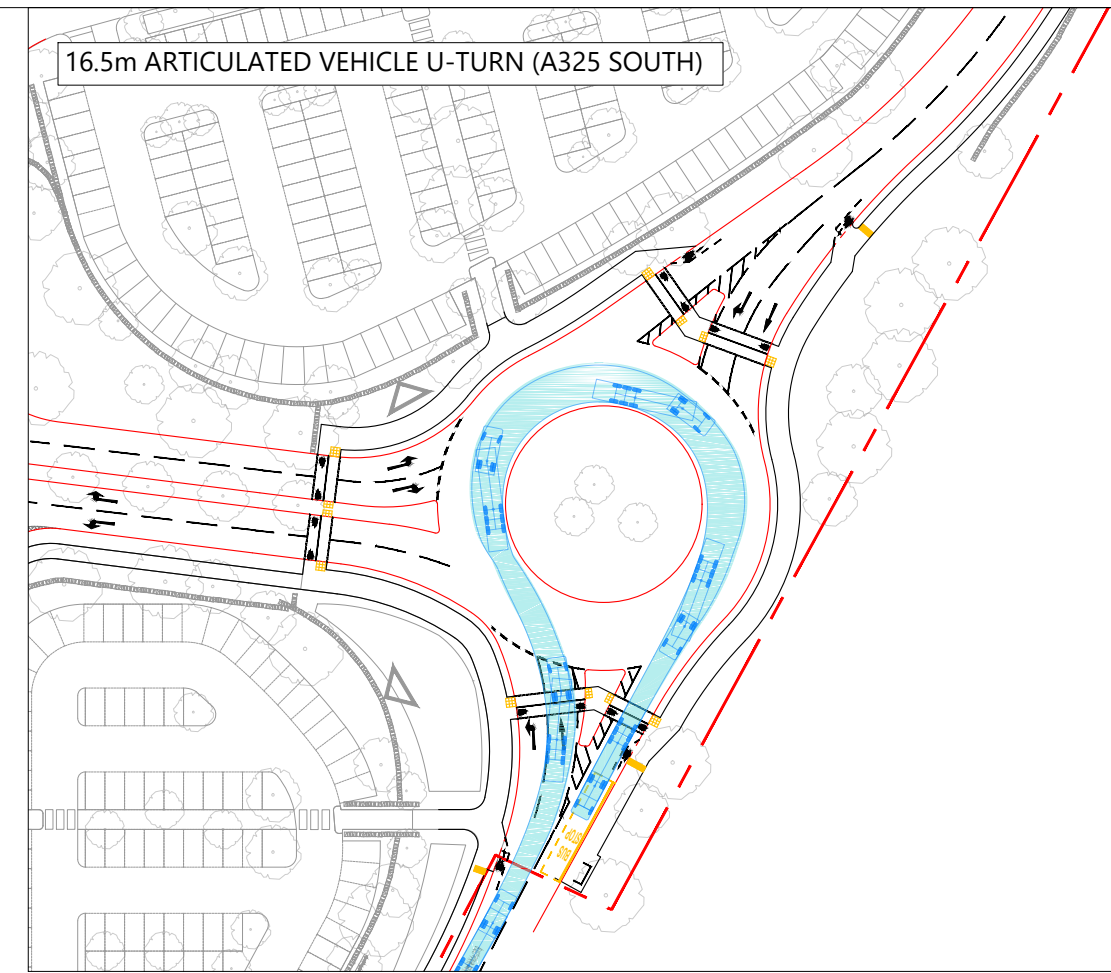
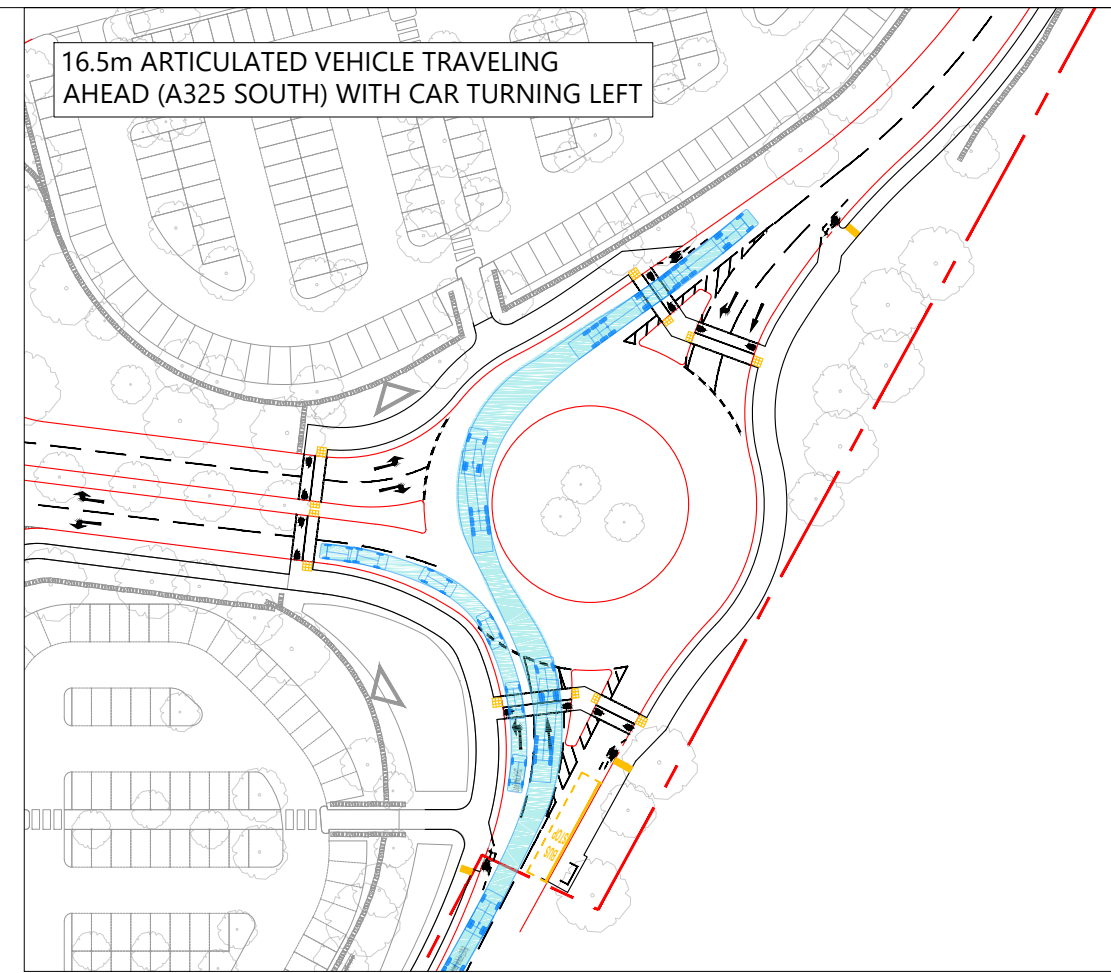
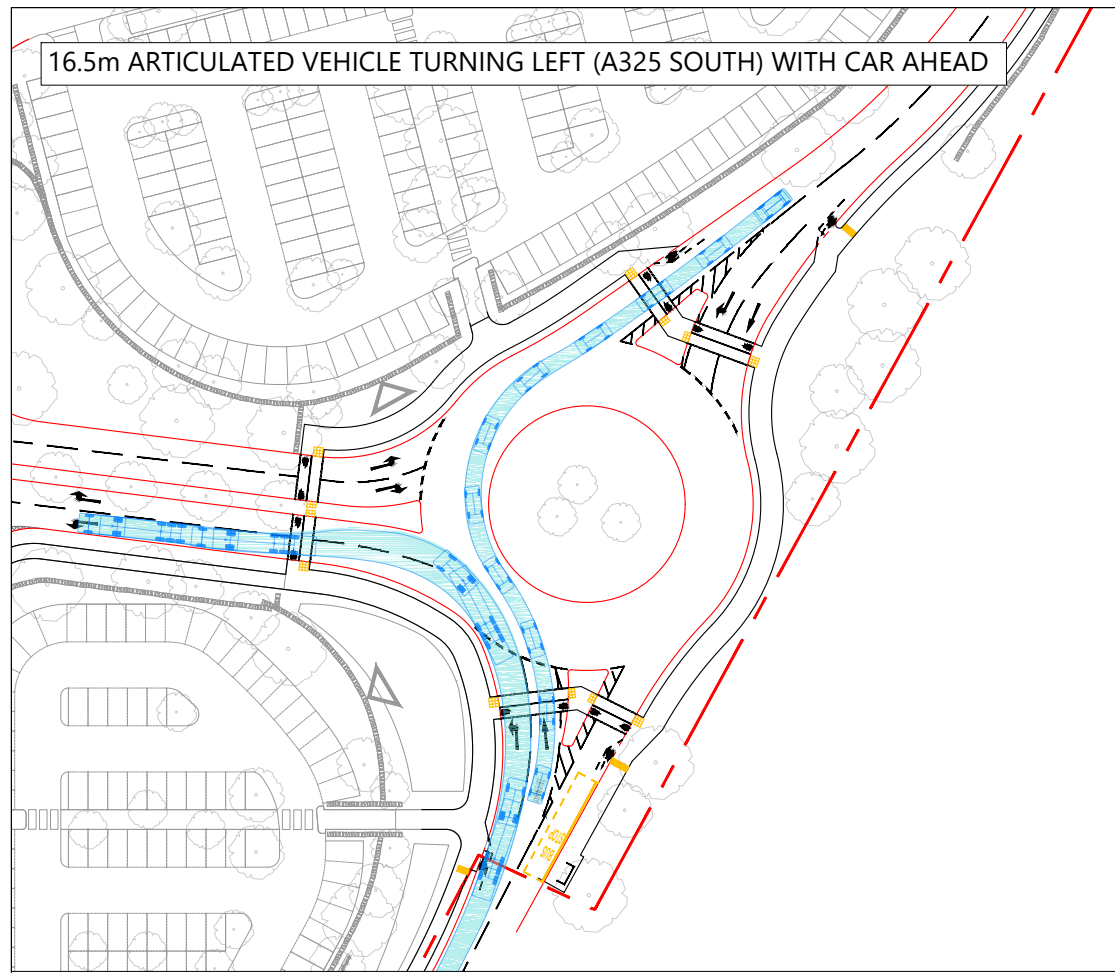
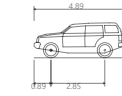


## **APPENDIX G.** Swept Path Analysis





FTA Design Articulated Vehicle (2016)  
 Overall Length 16.490m  
 Overall Width 2.520m  
 Overall Body Height 3.670m  
 Min Body Ground Clearance 0.315m  
 Max Track Width 2.470m  
 Lock to lock time 3.00s  
 Kerb to Kerb Turning Radius 6.600m



Large Family Car (HCC)  
 Overall Length 4.890m  
 Overall Width 1.840m  
 Overall Body Height 1.850m  
 Min Body Ground Clearance 0.356m  
 Track Width 1.340m  
 Lock to lock time 4.00s  
 Kerb to Kerb Turning Radius 5.900m

REV	DATE	BY	DESCRIPTION	CHK	APP
D	23.01.24	JD	TOPOGRAPHICAL SURVEY UPDATED	DF	SAW
C	10.01.24	MC	VERGE MARGIN INCREASED	MC	SAW
B	30.11.23	MC	ROUNDBOUT SHIFTED WEST	MC	SAW
A	11.10.23	MC	SITE LAYOUT REVISED	MC	SAW

STATUS: FOR INFORMATION



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 Tel: 01256 637940

TITLE: PROPOSED THREE ARM ROUNDABOUT ACCESS ARRANGEMENTS  
 VEHICLE SWEEP PATH ANALYSIS

PROJECT: BIRDPWORLD AND HASKINS FOREST LODGE GARDEN CENTRE

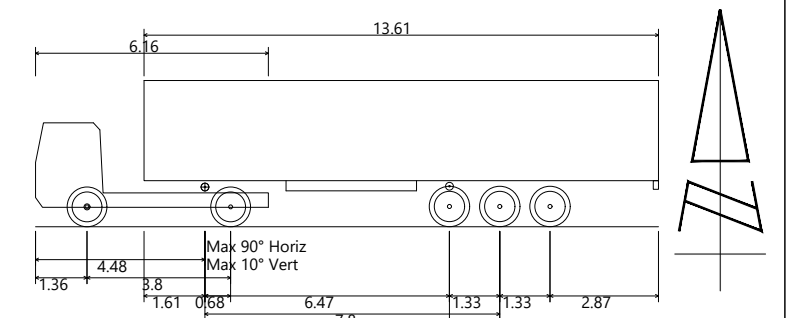
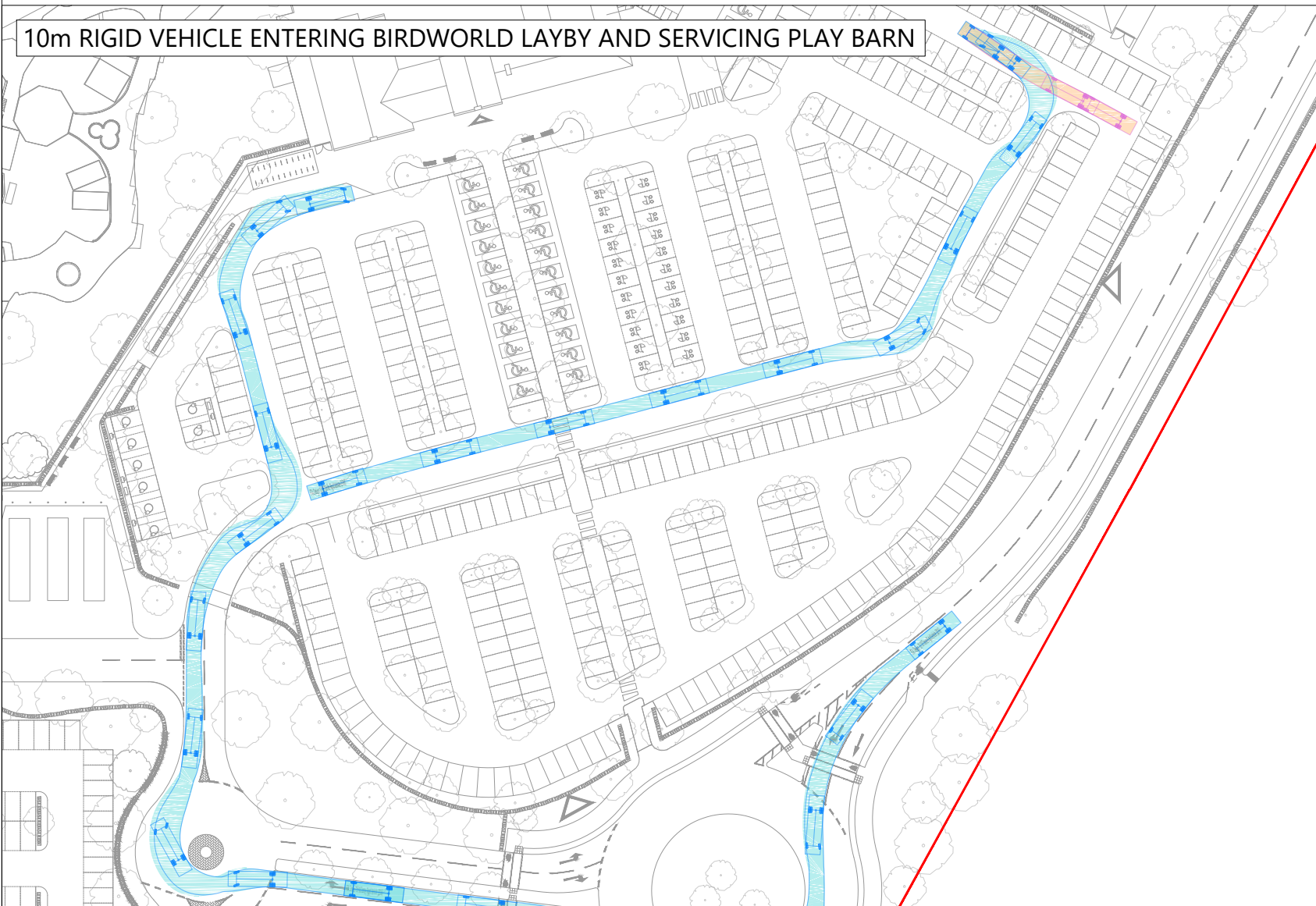
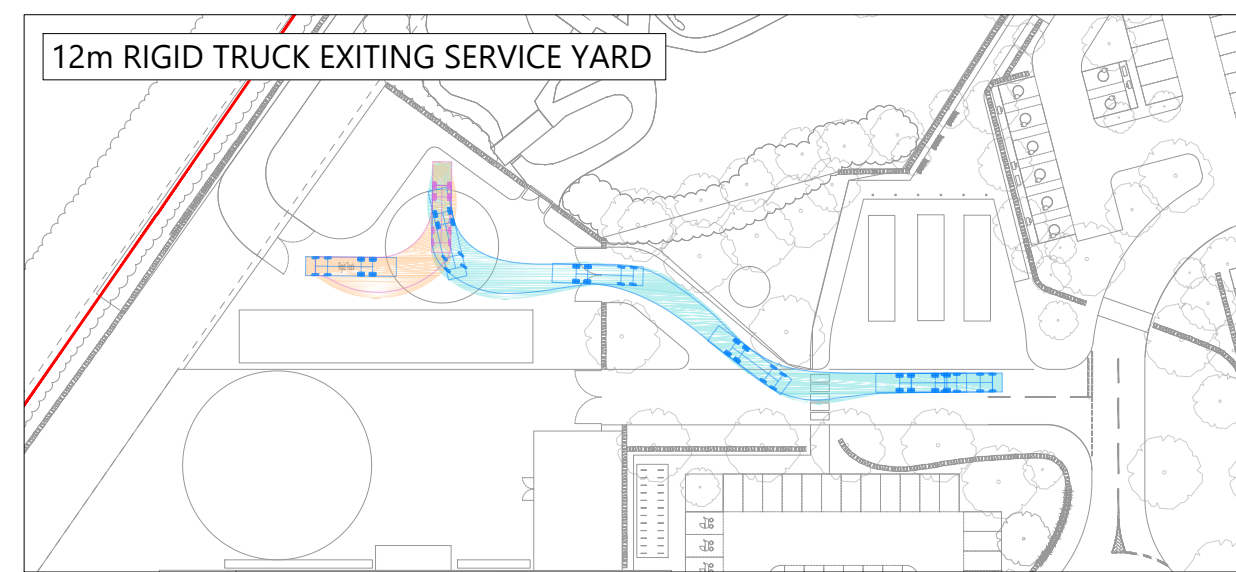
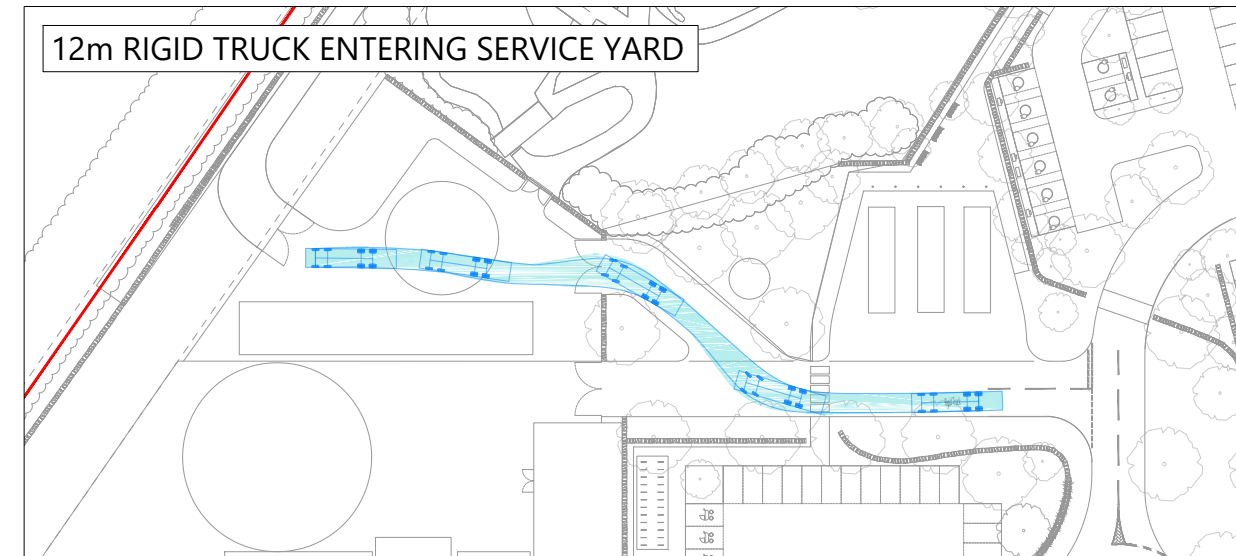
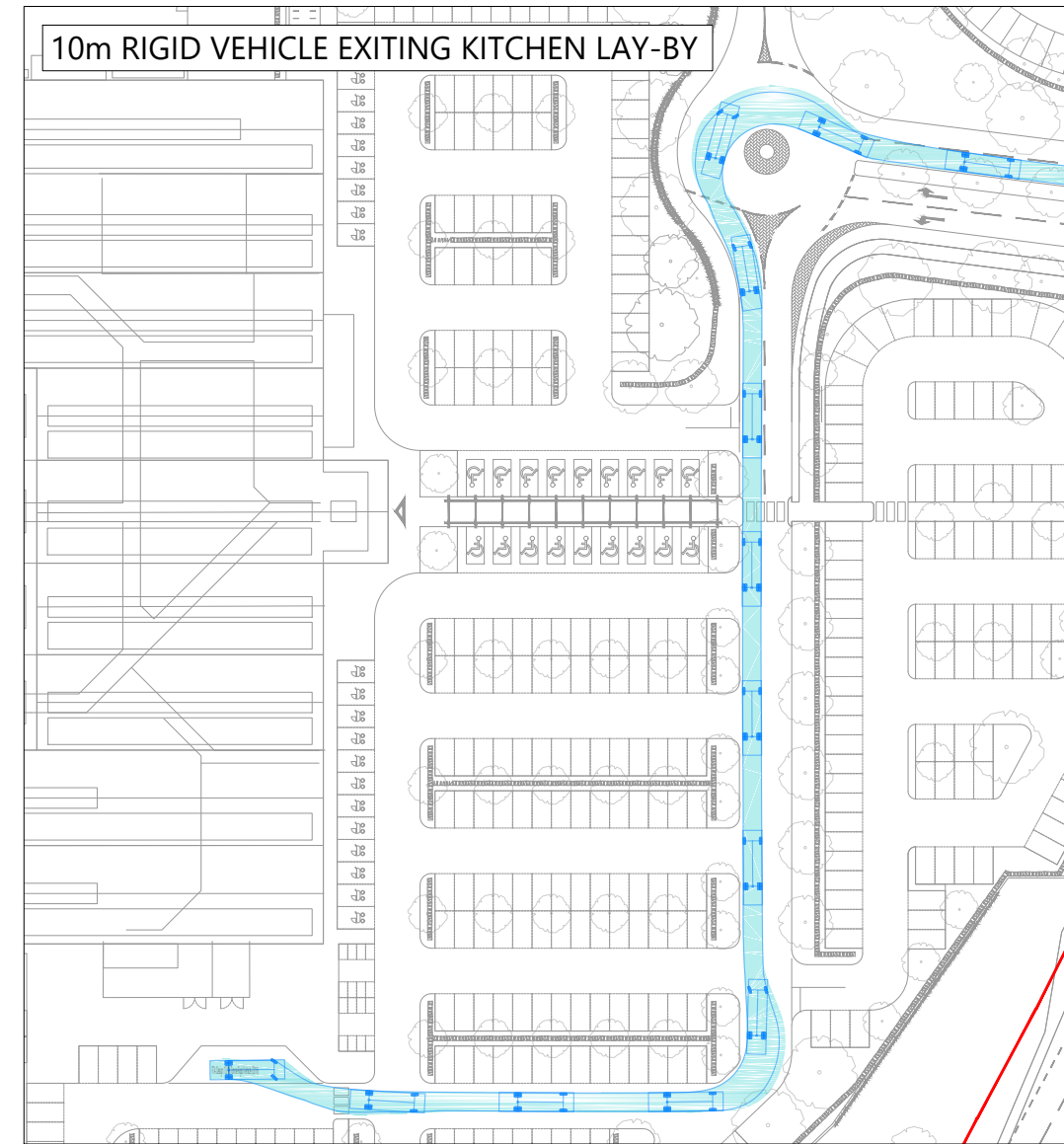
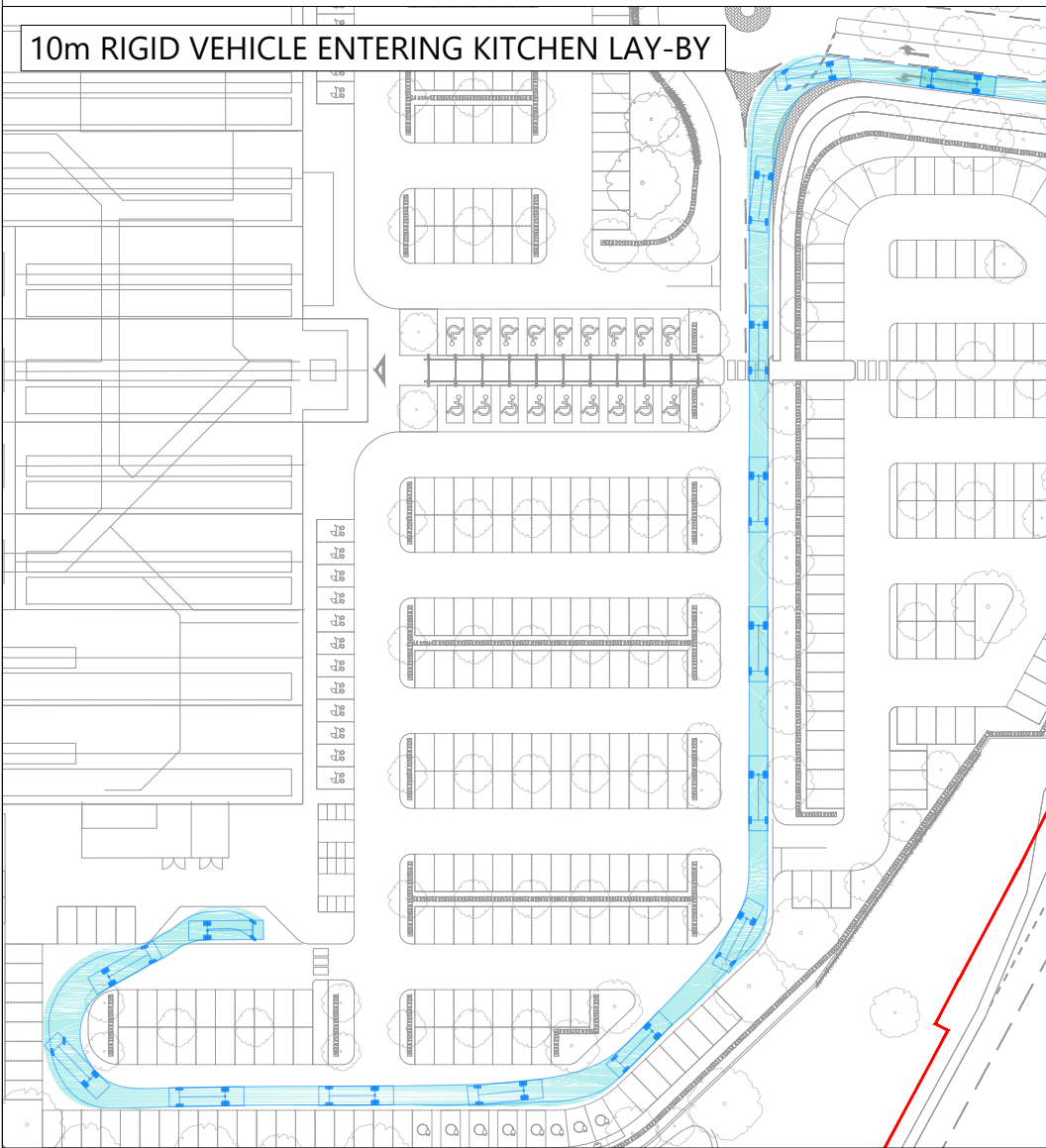
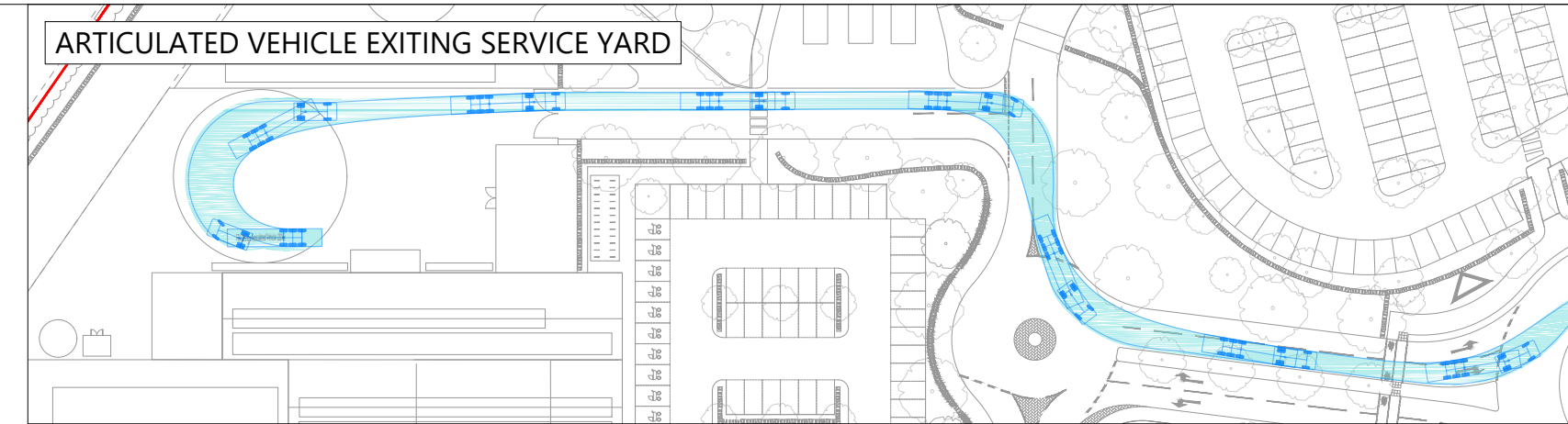
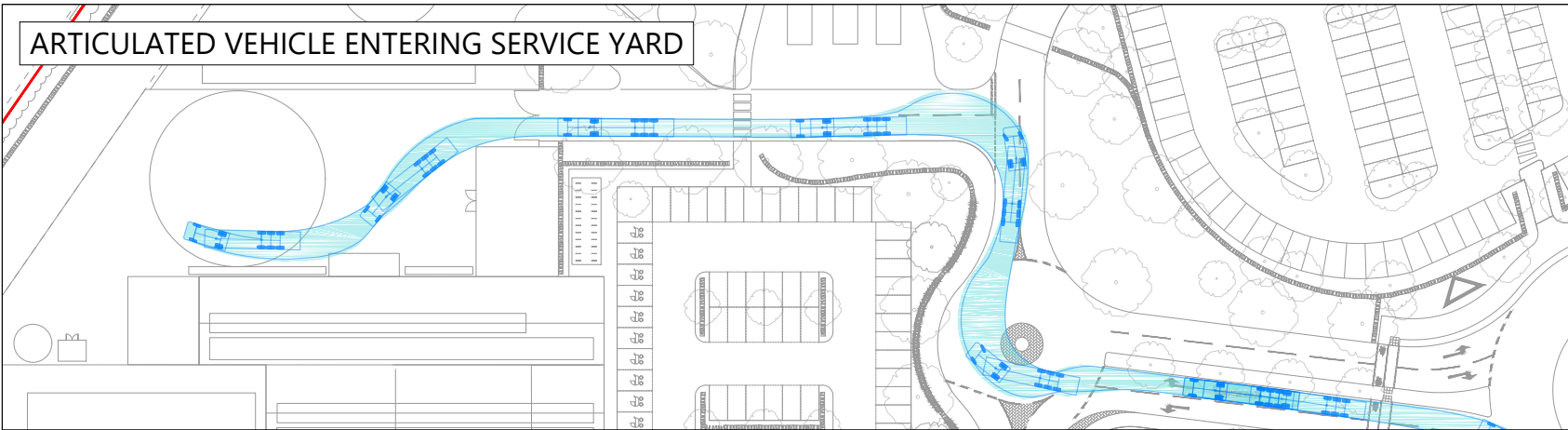
CLIENT: BIRDPWORLD LTD AND HASKINS GARDEN CENTRE LTD

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PROJECT No: ITB16329	SCALE @ A2: 1:1000	DATE: 12.06.23

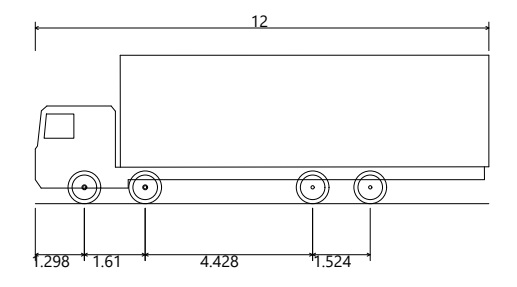
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Project: 10000\_Series163291B - Birpwld Lodge Garden - Centre and Busstop - Furniture/Veranda/Signage - Drawing: GA100 - 02/23/23 - GA100 - 100212.dwg  
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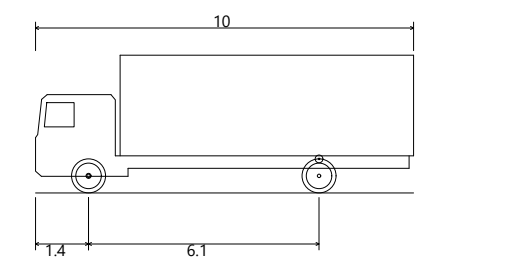




FTA Design Articulated Vehicle (2016)  
 Overall Length 16.480m  
 Overall Width 2.550m  
 Overall Body Height 3.870m  
 Min Body Ground Clearance 0.515m  
 Max Track Width 2.470m  
 Lock to lock time 3.00s  
 Kerb to Kerb Turning Radius 6.600m



Rigid Truck  
 Overall Length 12.000m  
 Overall Width 2.500m  
 Overall Body Height 3.928m  
 Min Body Ground Clearance 0.412m  
 Track Width 2.471m  
 Lock to lock time 6.00s  
 Kerb to Kerb Turning Radius 11.900m



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

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E	11.01.24	JD	SITE LAYOUT UPDATED	DF	SAW
D	28.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
C	02.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
B	23.10.23	JD	SITE LAYOUT UPDATED	DF	SAW
A	06.10.23	JD	SITE LAYOUT UPDATED	DF	SAW

REV	DATE	BY	DESCRIPTION	CHK	APP
STATUS: FOR INFORMATION					



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TITLE: SWEPT PATH ANALYSIS - ARTICULATED VEHICLE,  
 12m RIGID TRUCK & 10m RIGID VEHICLE

PROJECT: BIRDWORLD AND HASKINS FOREST LODGE GARDEN CENTRE

CLIENT: BIRDWORLD LTD AND HASKINS GARDEN CENTRE LTD

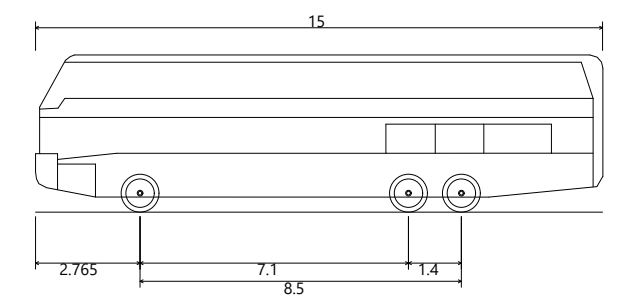
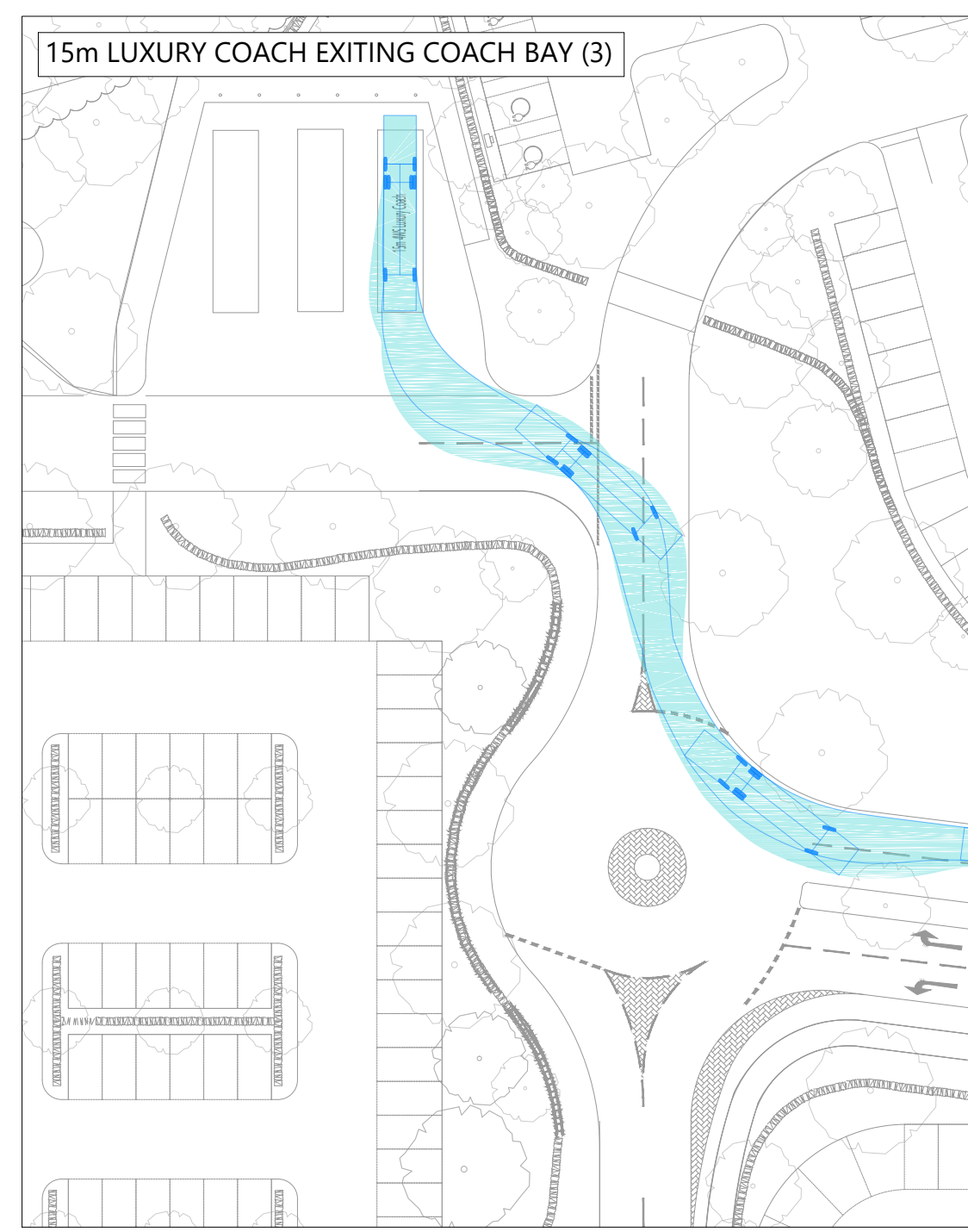
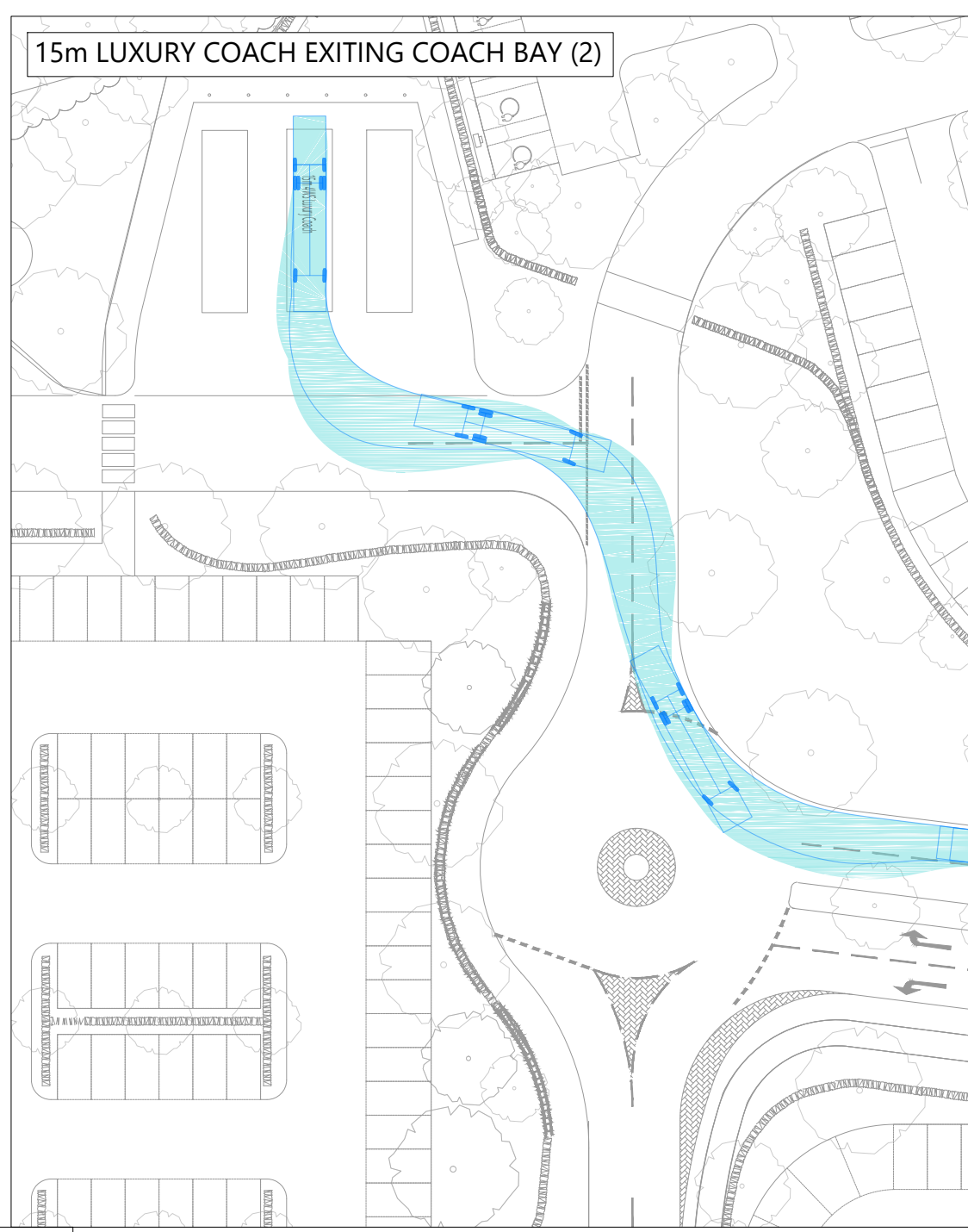
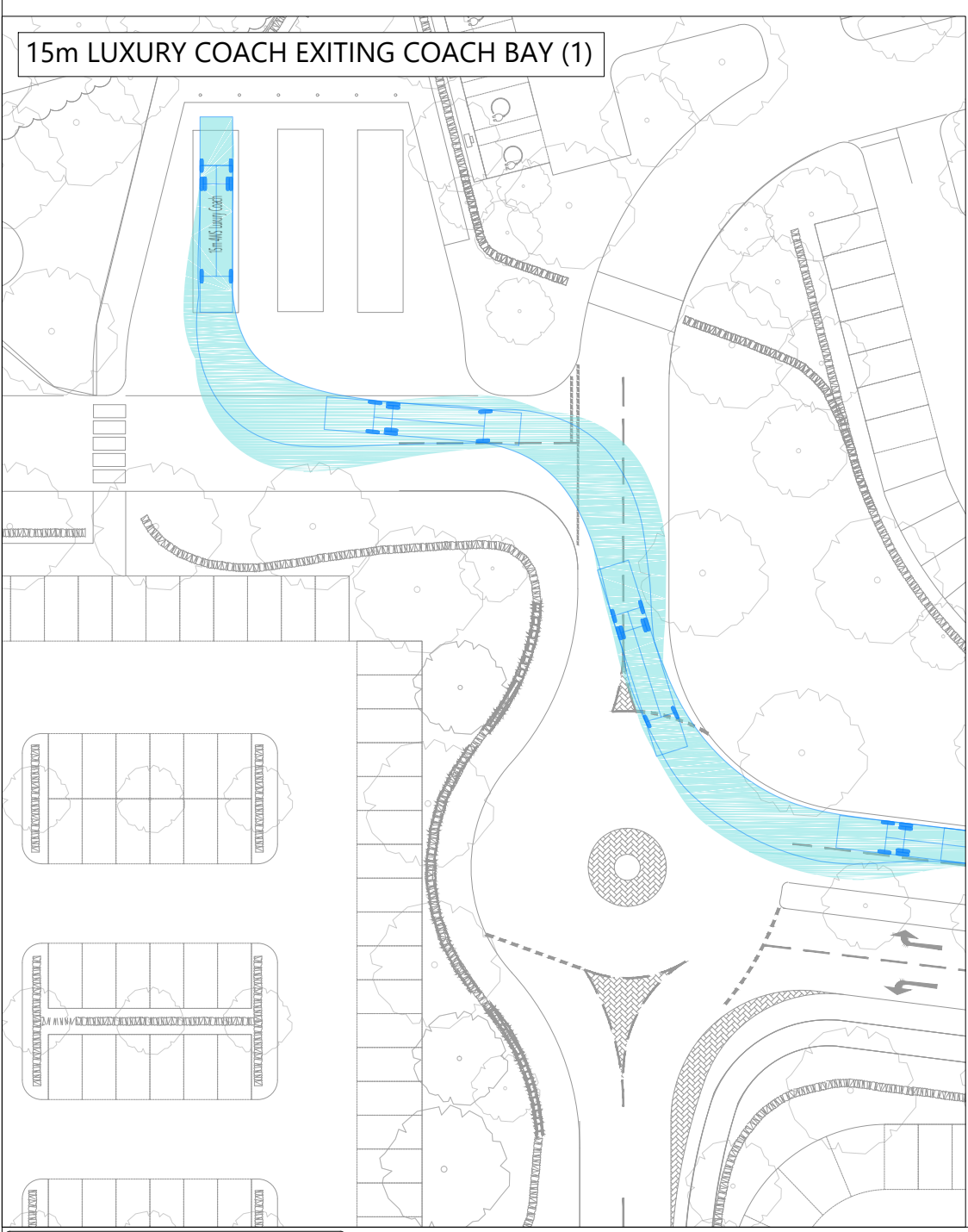
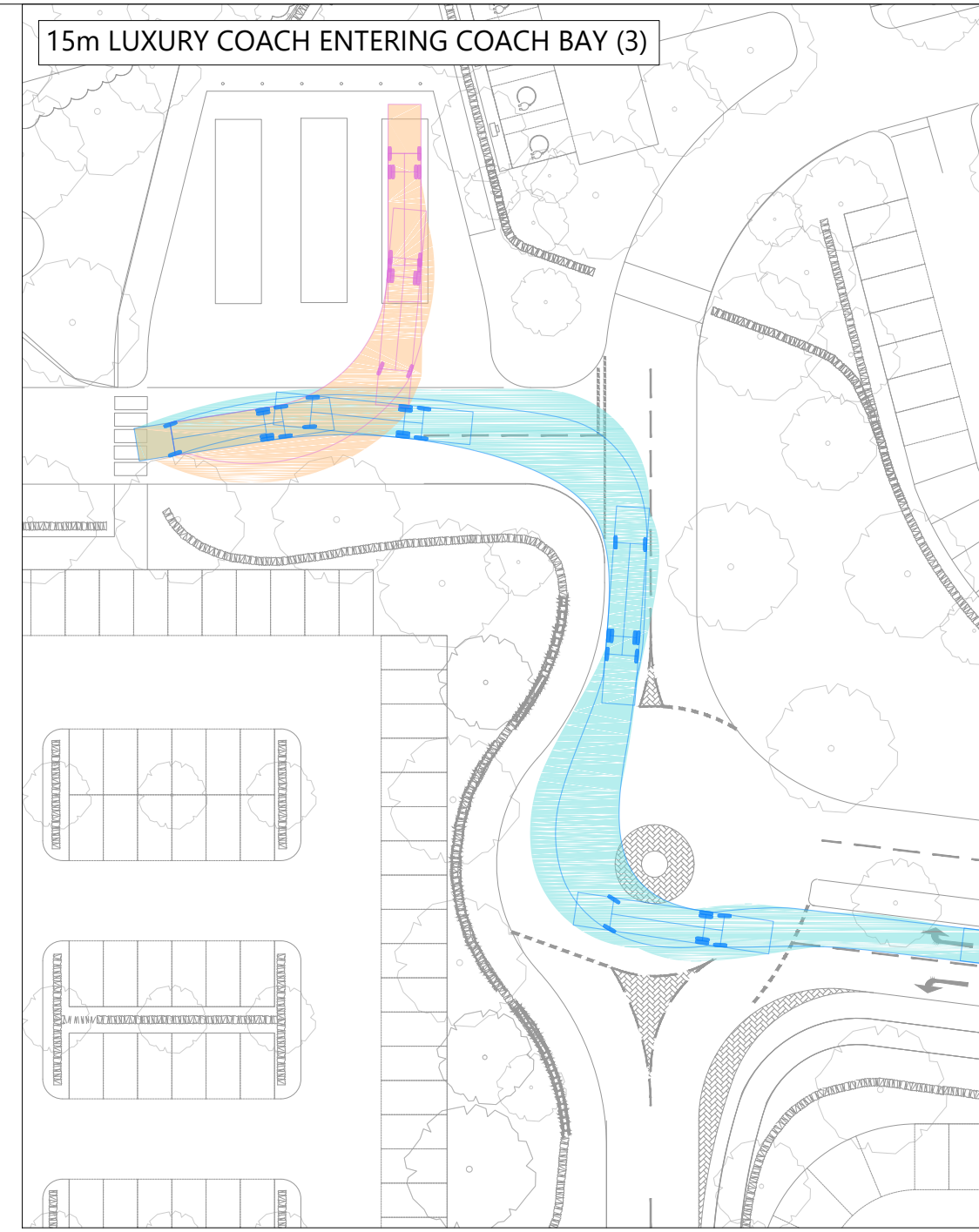
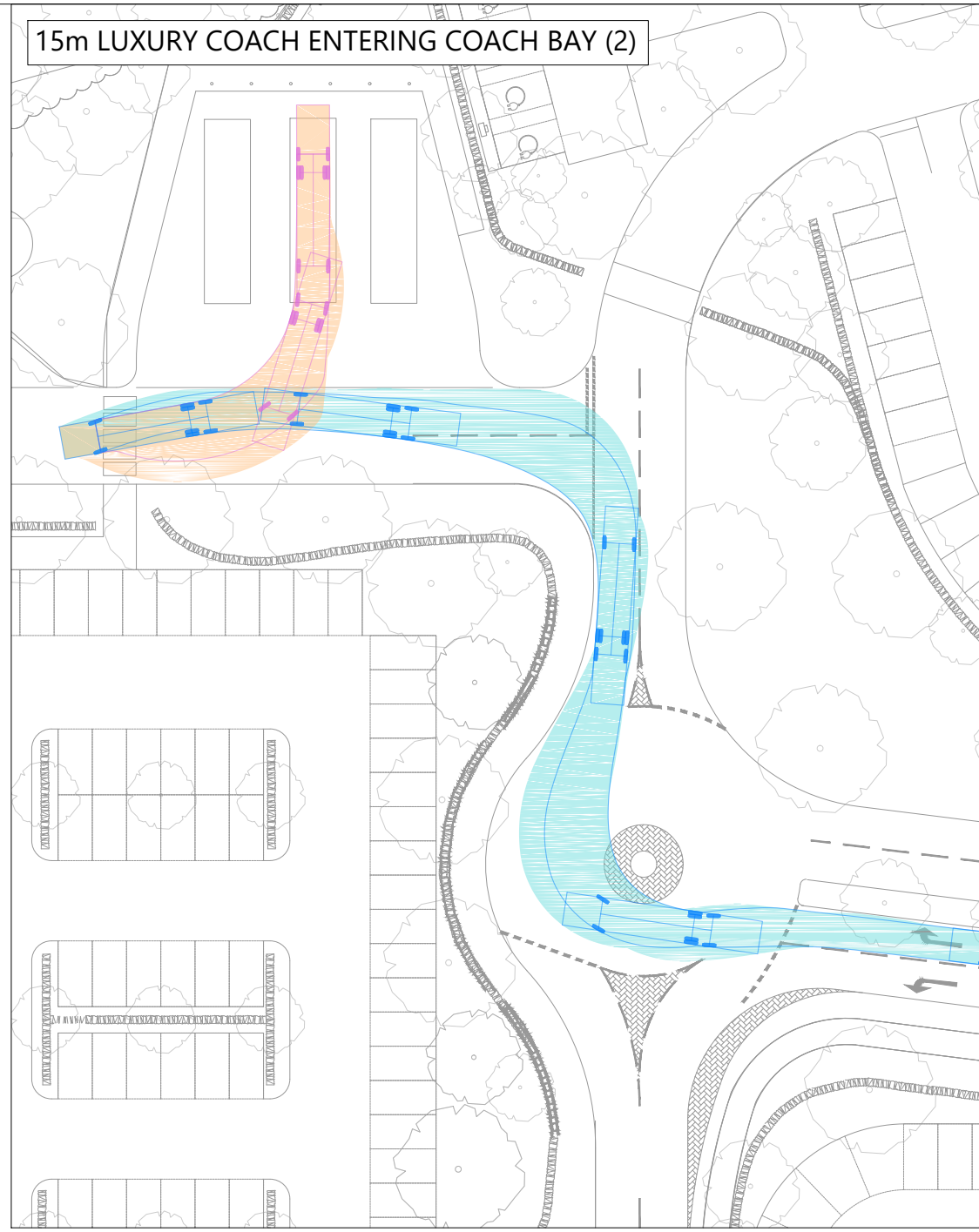
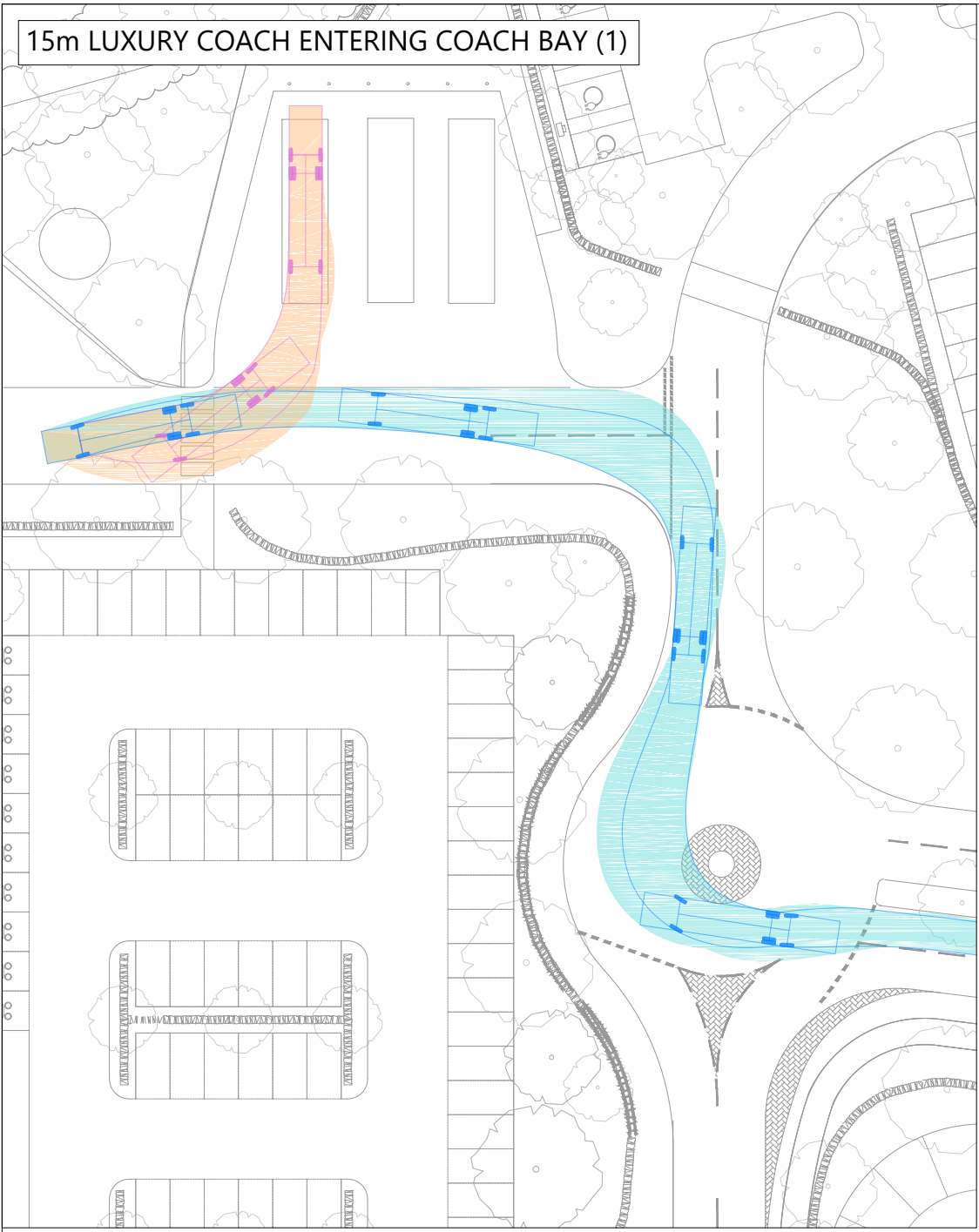
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DRAWING No: ITB16329-GA-021 REV: F

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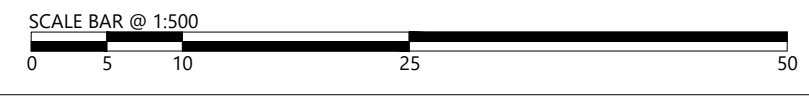
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15m 4WS Luxury Coach  
 Overall Length 15.000m  
 Overall Width 2.500m  
 Overall Body Height 4.157m  
 Min Body Ground Clearance 0.397m  
 Track Width 2.500m  
 Lock to lock time 5.00s  
 Wall to Wall Turning Radius 12.500m

Project: 16000\_Spms16329-18 - Birdworld Garden and Basking - Furnham (Tech/Asst) - Transport Drawings/Asst/16329\_GA-022.dwg  
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D	28.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
C	02.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
B	23.10.23	JD	SITE LAYOUT UPDATED	DF	SAW
A	06.10.23	JD	SITE LAYOUT UPDATED	SAW	SAW

STATUS: FOR INFORMATION



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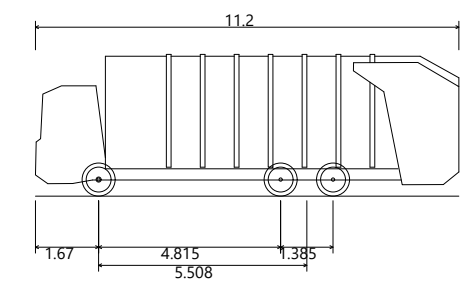
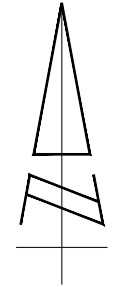
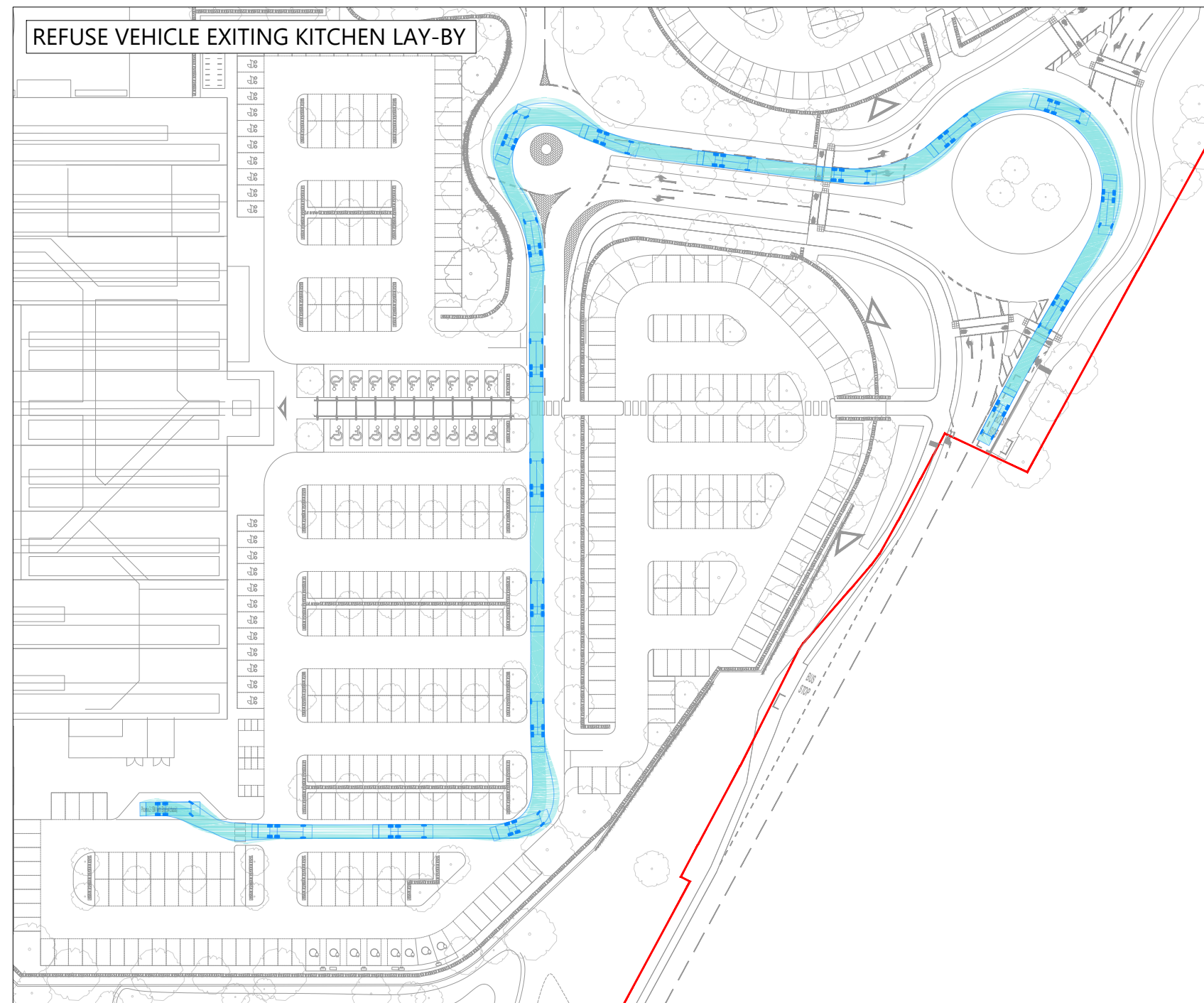
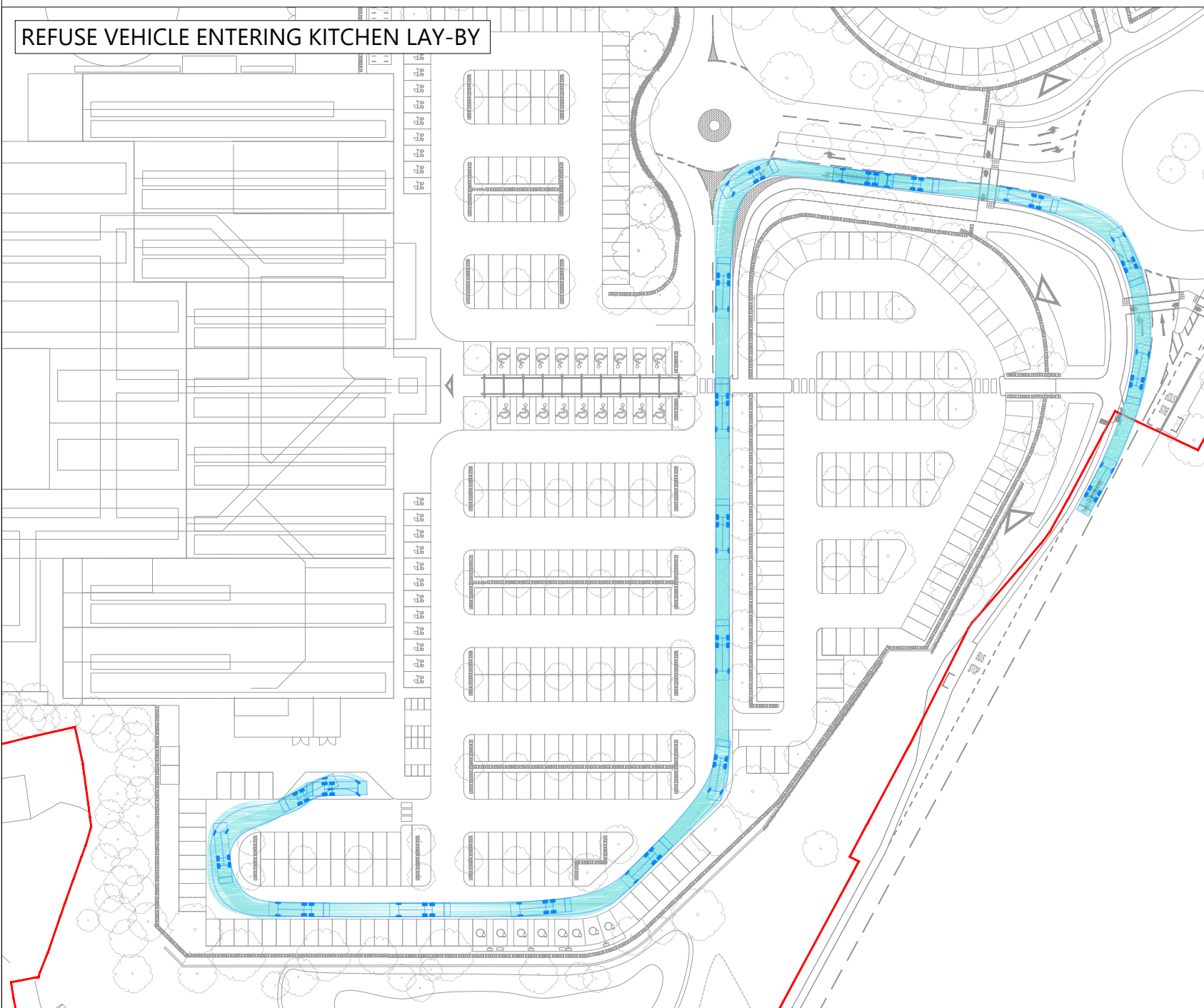
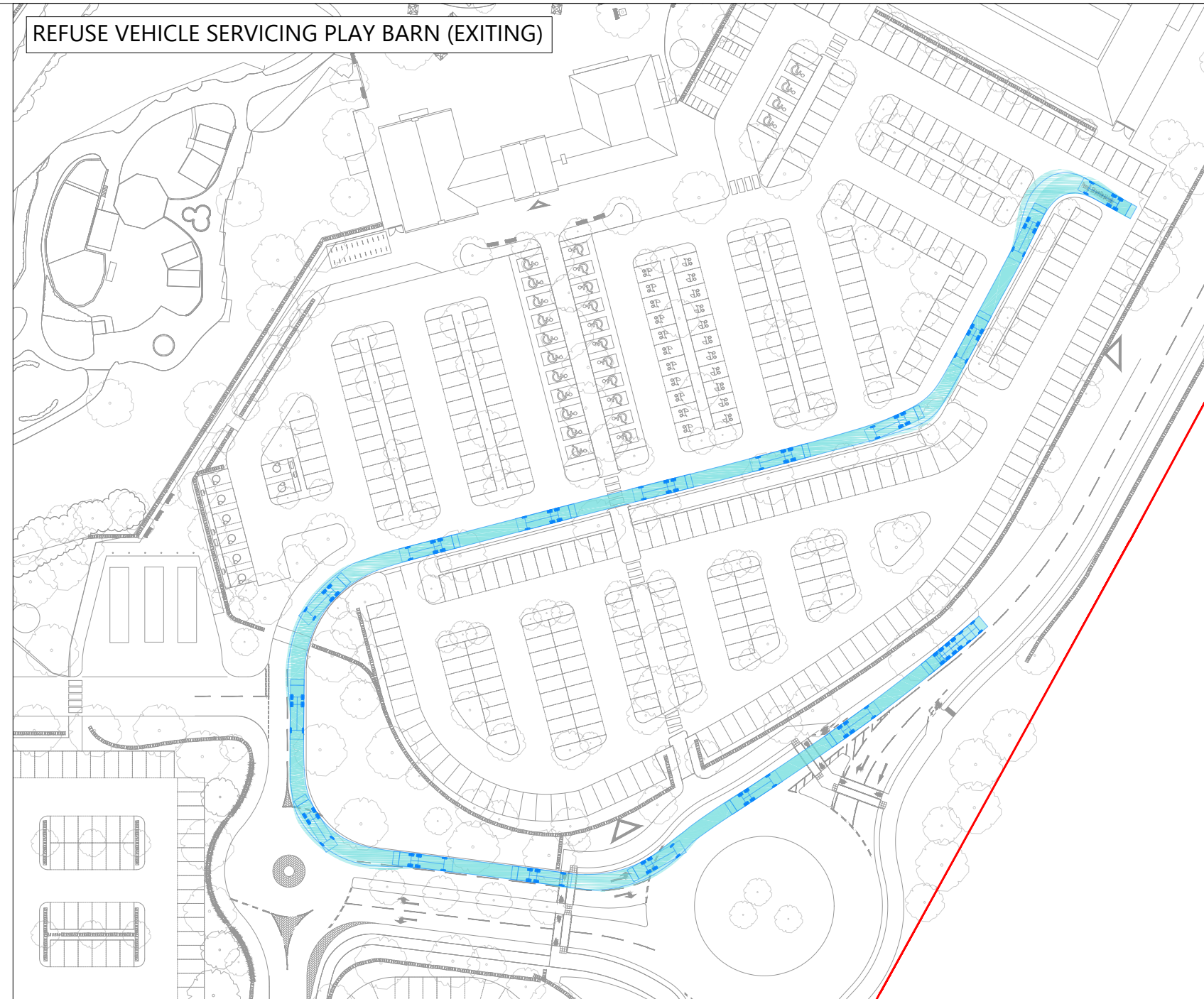
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PROJECT: BIRDWORLD AND HASKINS FOREST LODGE GARDEN CENTRE

CLIENT: BIRDWORLD LTD AND HASKINS GARDEN CENTRE LTD

DRAWN:	CHECKED:	APPROVED:
JD	DF	SAW
PROJECT No: ITB16329	SCALE @ A2: 1:500	DATE: 18.08.23
DRAWING No: ITB16329-GA-022		REV: F





Phoenix 2-15W (with Elite 6x4 chassis)

Overall Length	11.200m
Overall Width	2.530m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	9.500m

REV	DATE	BY	DESCRIPTION	CHK	APD
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D	28.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
C	02.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
B	23.10.23	JD	SITE LAYOUT UPDATED	DF	SAW
A	06.10.23	JD	SITE LAYOUT UPDATED	DF	SAW

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TITLE: SWEPT PATH ANALYSIS - REFUSE VEHICLE

PROJECT: BIRDWORLD AND HASKINS FOREST LODGE GARDEN CENTRE

CLIENT: BIRDWORLD LTD AND HASKINS GARDEN CENTRE LTD

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DRAWING No: ITB16329-GA-023 REV: F

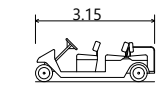
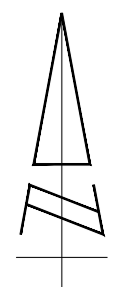
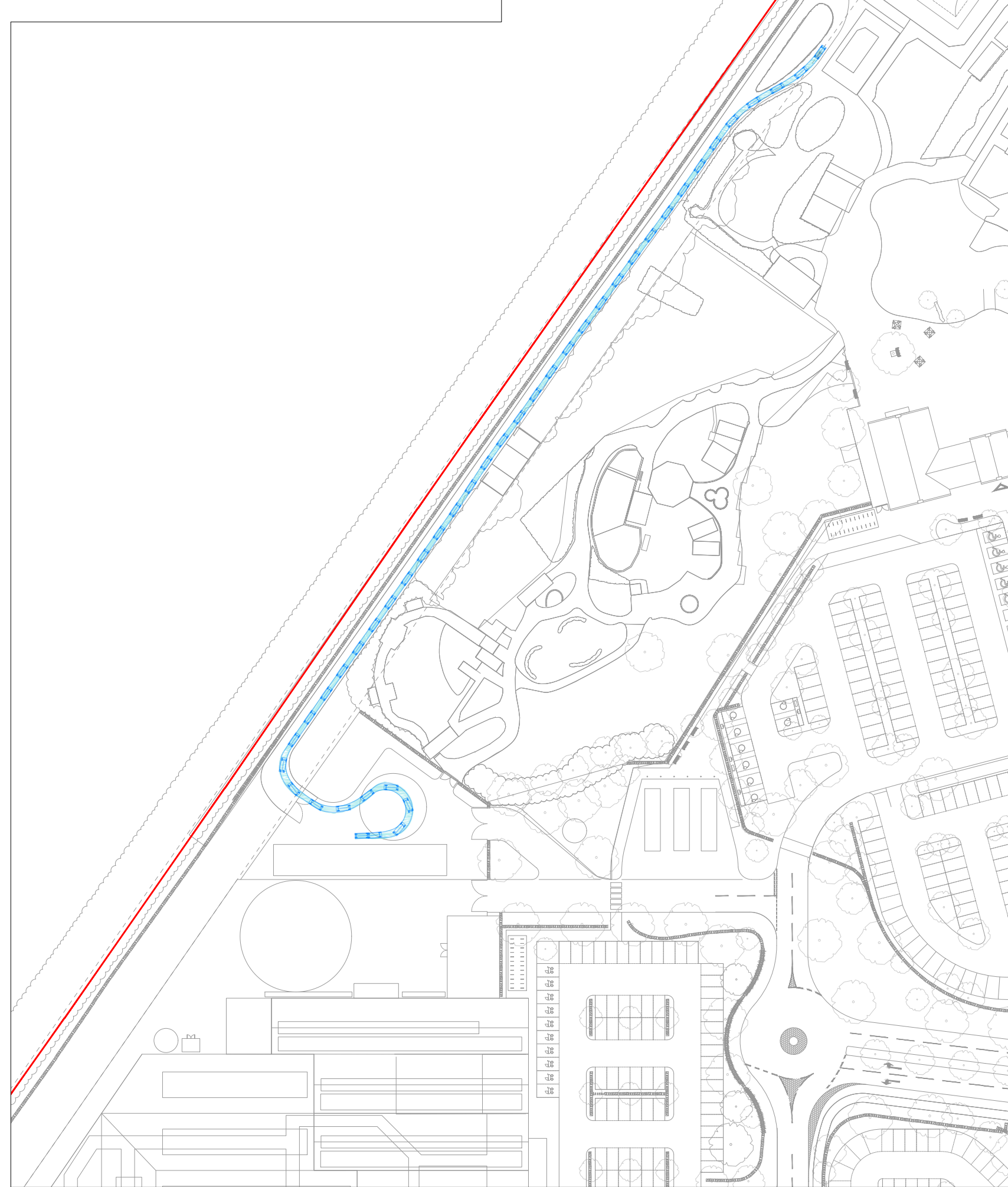
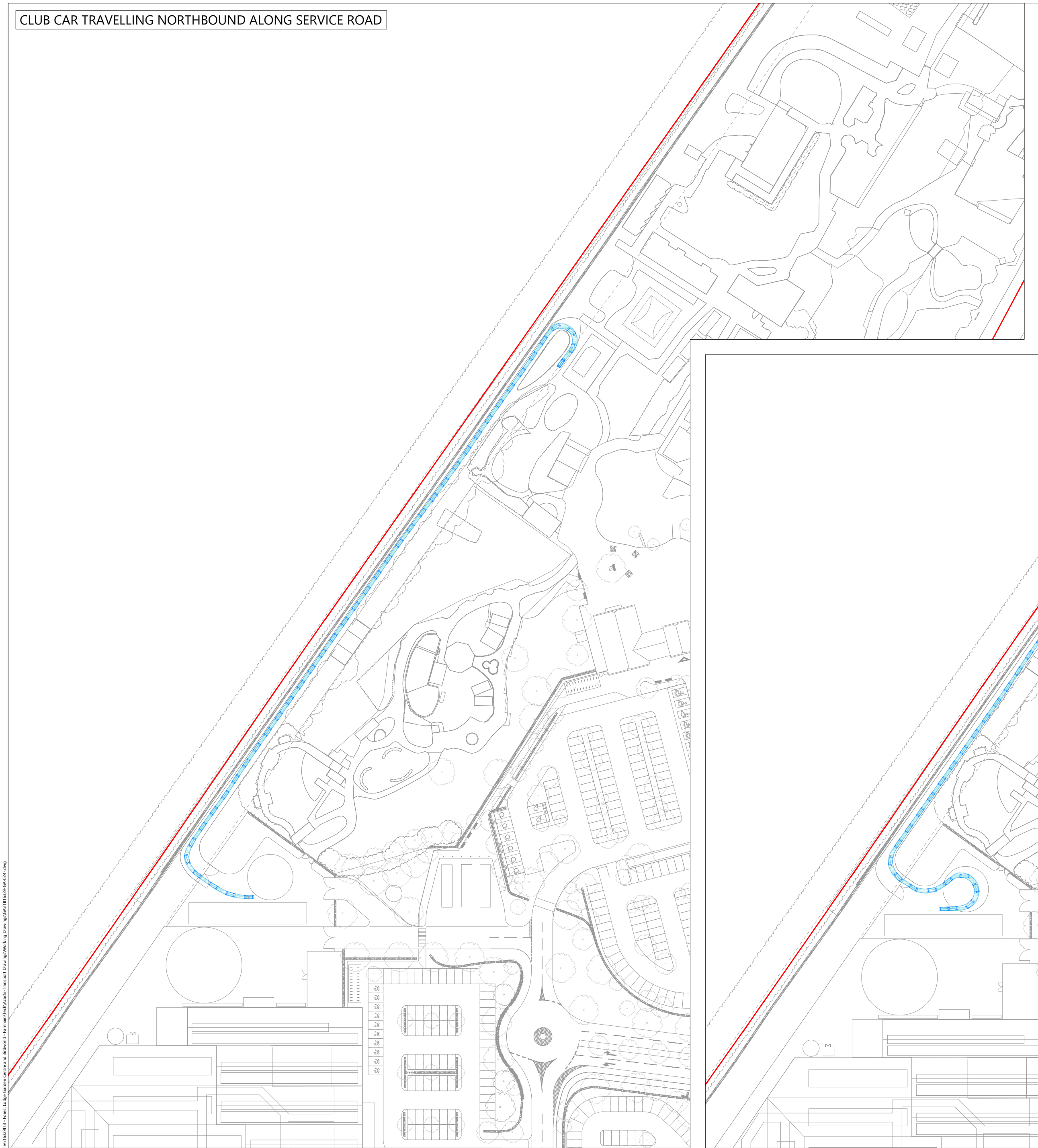
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SCALE BAR @ 1:1000



CLUB CAR TRAVELLING NORTHBOUND ALONG SERVICE ROAD

CLUB CAR TRAVELLING SOUTHBOUND ALONG SERVICE ROAD



**Club Car Villager 6**  
 Overall Length 3.150m  
 Overall Width 1.201m  
 Overall Body Height 1.219m  
 Min Body Ground Clearance 0.114m  
 Max Track Width 0.978m  
 Lock to lock time 4.00s  
 Wall to Wall Turning Radius 5.800m

REV	DATE	BY	DESCRIPTION	CHK	APP
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E	11.01.24	JD	SITE LAYOUT UPDATED	DF	SAW
D	28.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
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B	23.10.23	JD	SITE LAYOUT UPDATED	DF	SAW
A	06.10.23	JD	SITE LAYOUT UPDATED	DF	SAW

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TITLE: SWEEP PATH ANALYSIS - CLUB CAR

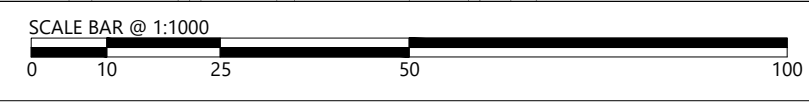
PROJECT: BIRDWORLD AND HASKINS FOREST LODGE GARDEN CENTRE

CLIENT: BIRDWORLD LTD AND HASKINS GARDEN CENTRE LTD

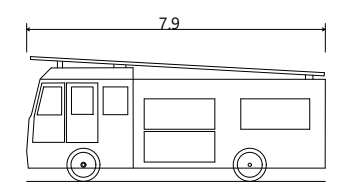
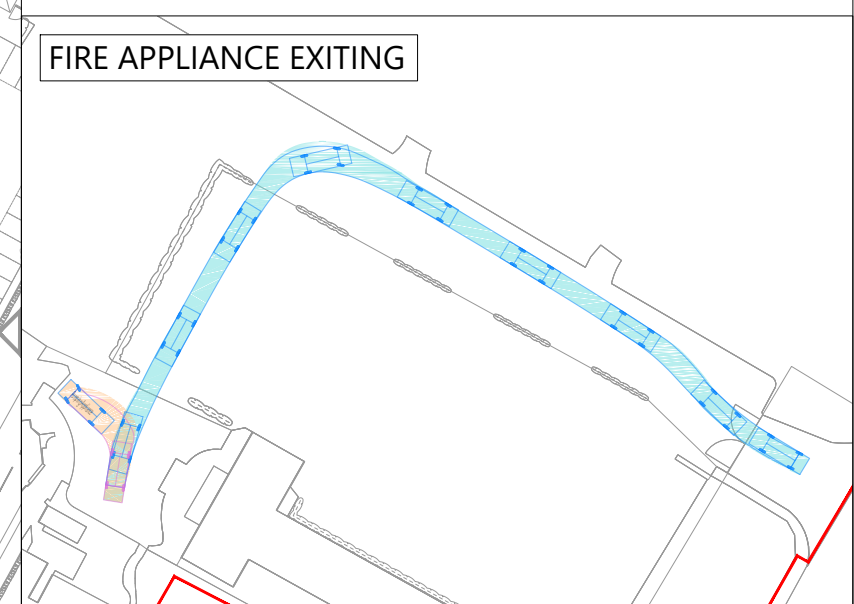
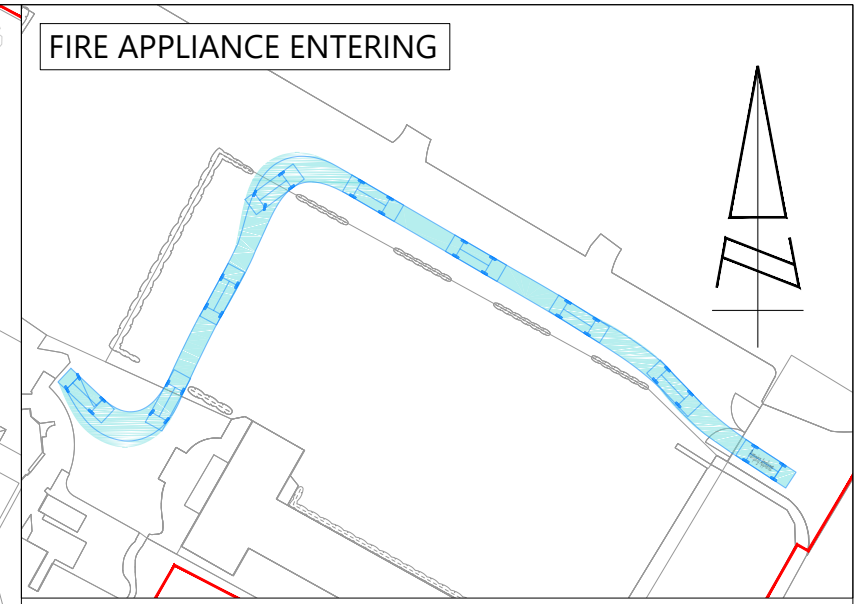
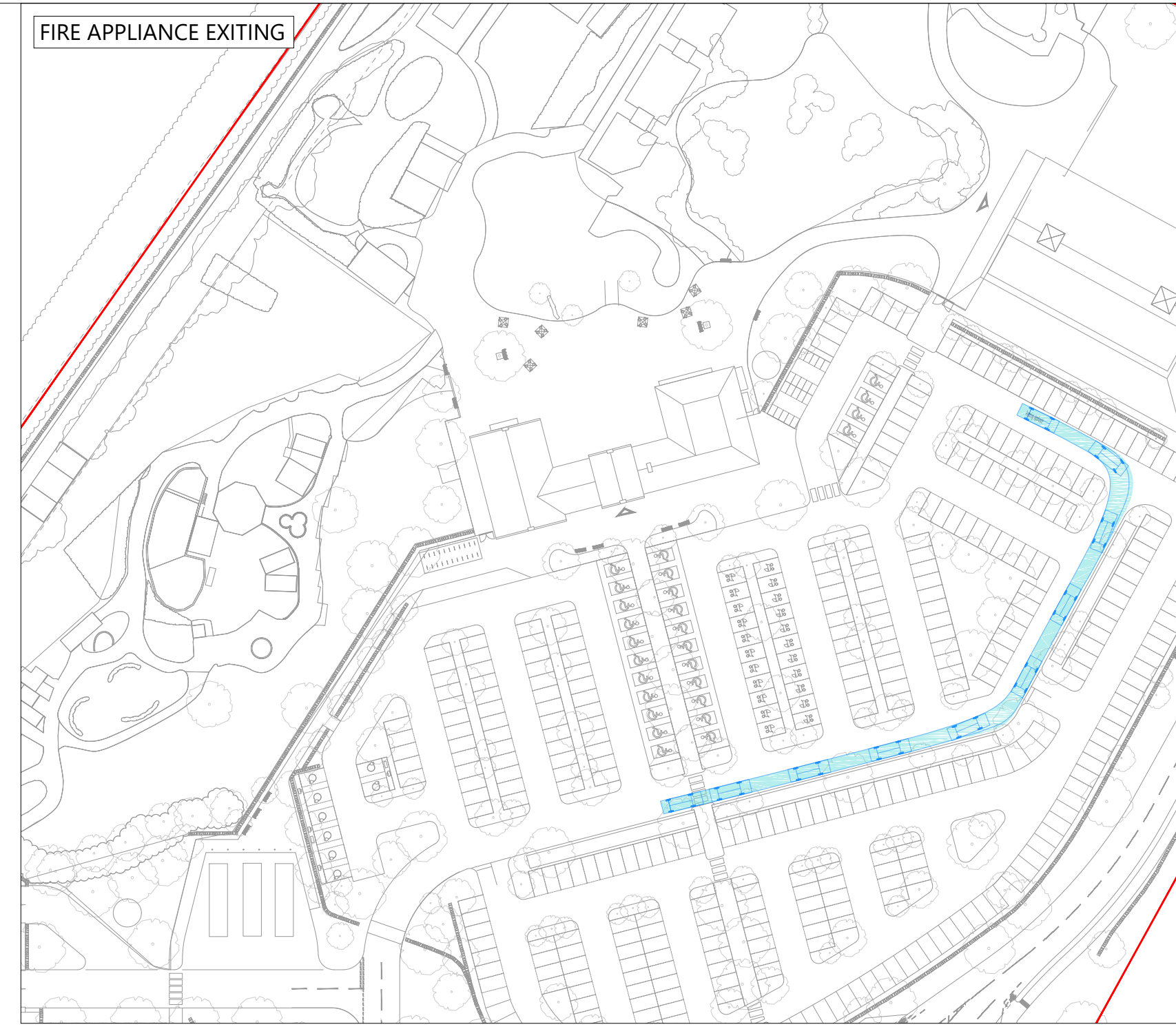
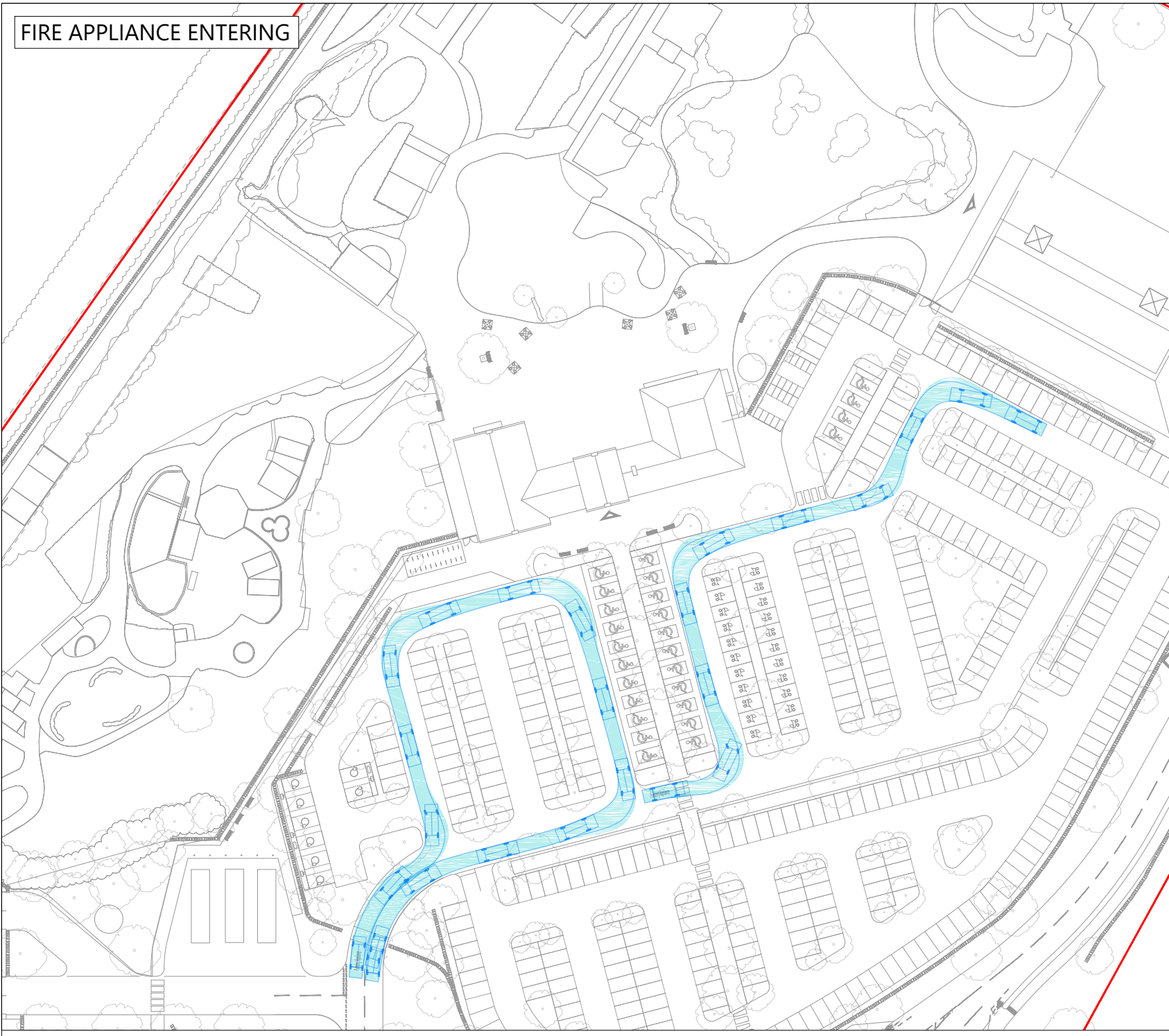
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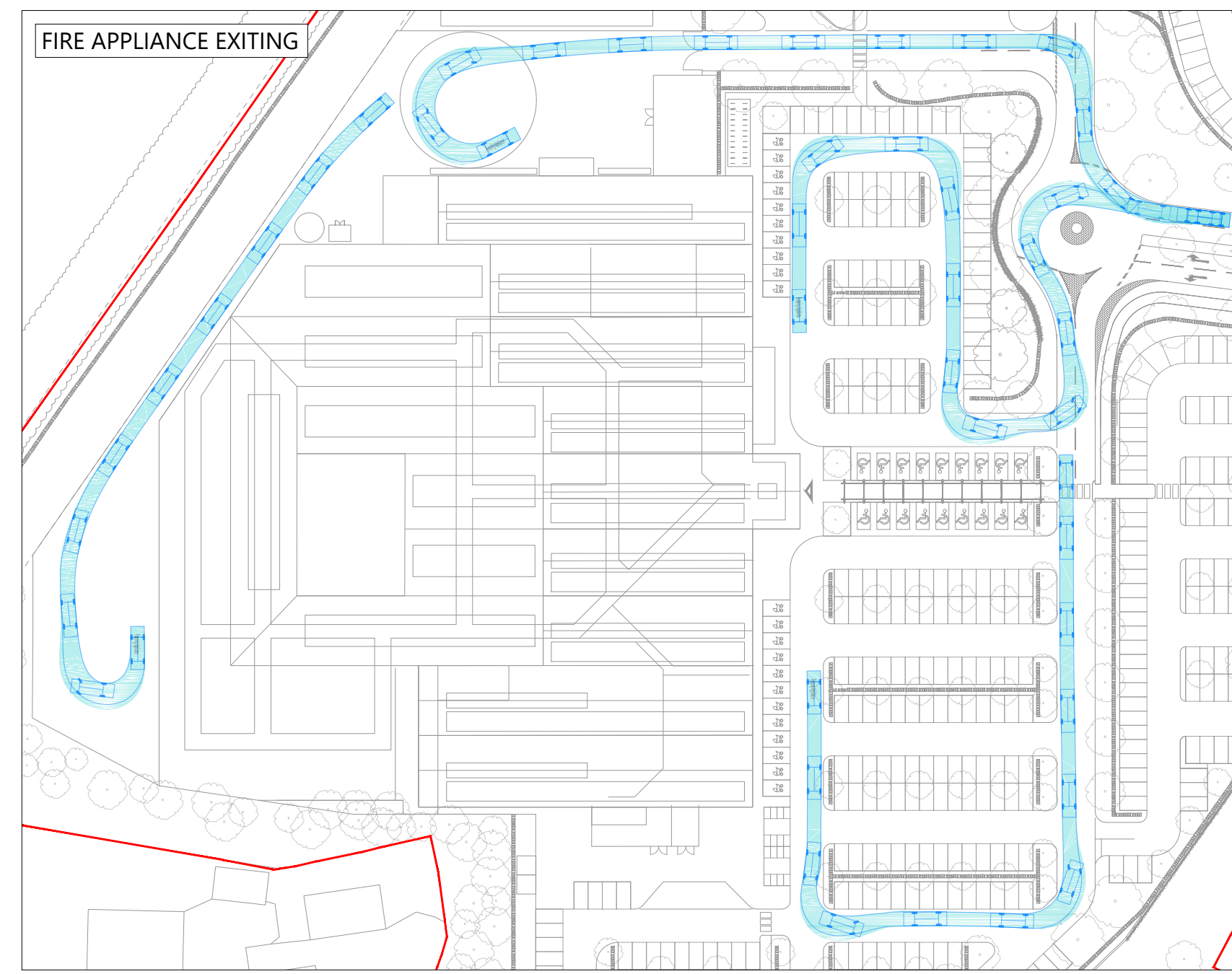
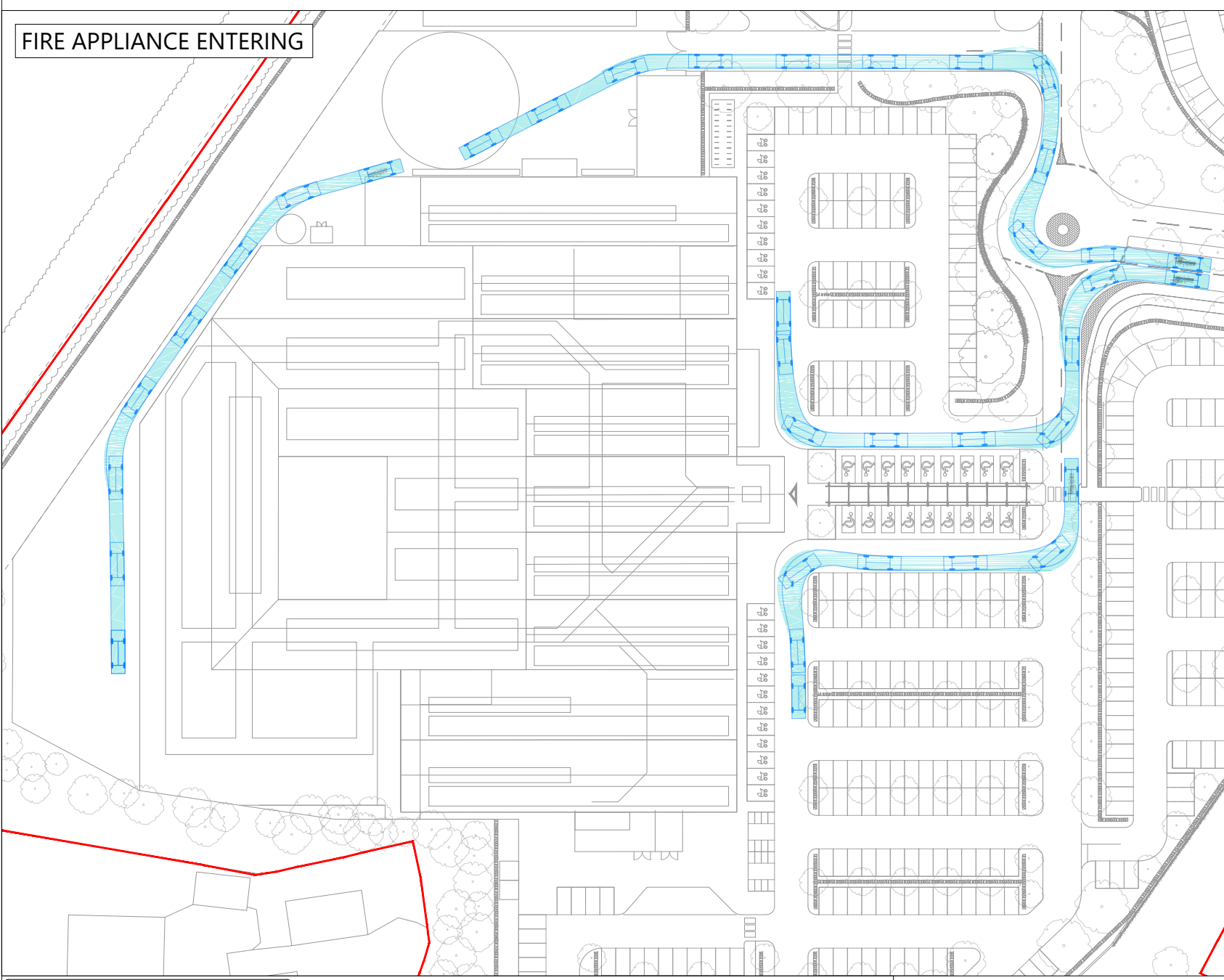
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Pumping Appliance	7.900m
Overall Length	2.500m
Overall Width	3.300m
Overall Body Height	0.350m
Min Body Ground Clearance	2.500m
Track Width	4.00s
Lock to lock time	7.750m
Kerb to Kerb Turning Radius	



REV	DATE	BY	DESCRIPTION	CHK	APP
E	23.01.24	JD	SITE LAYOUT UPDATED	DF	SAW
D	11.01.24	JD	SITE LAYOUT UPDATED	DF	SAW
C	28.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
B	02.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
A	23.10.23	JD	SITE LAYOUT UPDATED	DF	SAW

STATUS: FOR INFORMATION



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TITLE: SWEPT PATH ANALYSIS - FIRE APPLIANCE

PROJECT: BIRDWORLD AND HASKINS FOREST LODGE GARDEN CENTRE

CLIENT: BIRDWORLD LTD AND HASKINS GARDEN CENTRE LTD

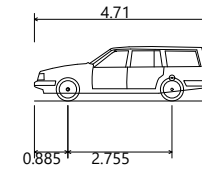
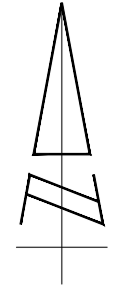
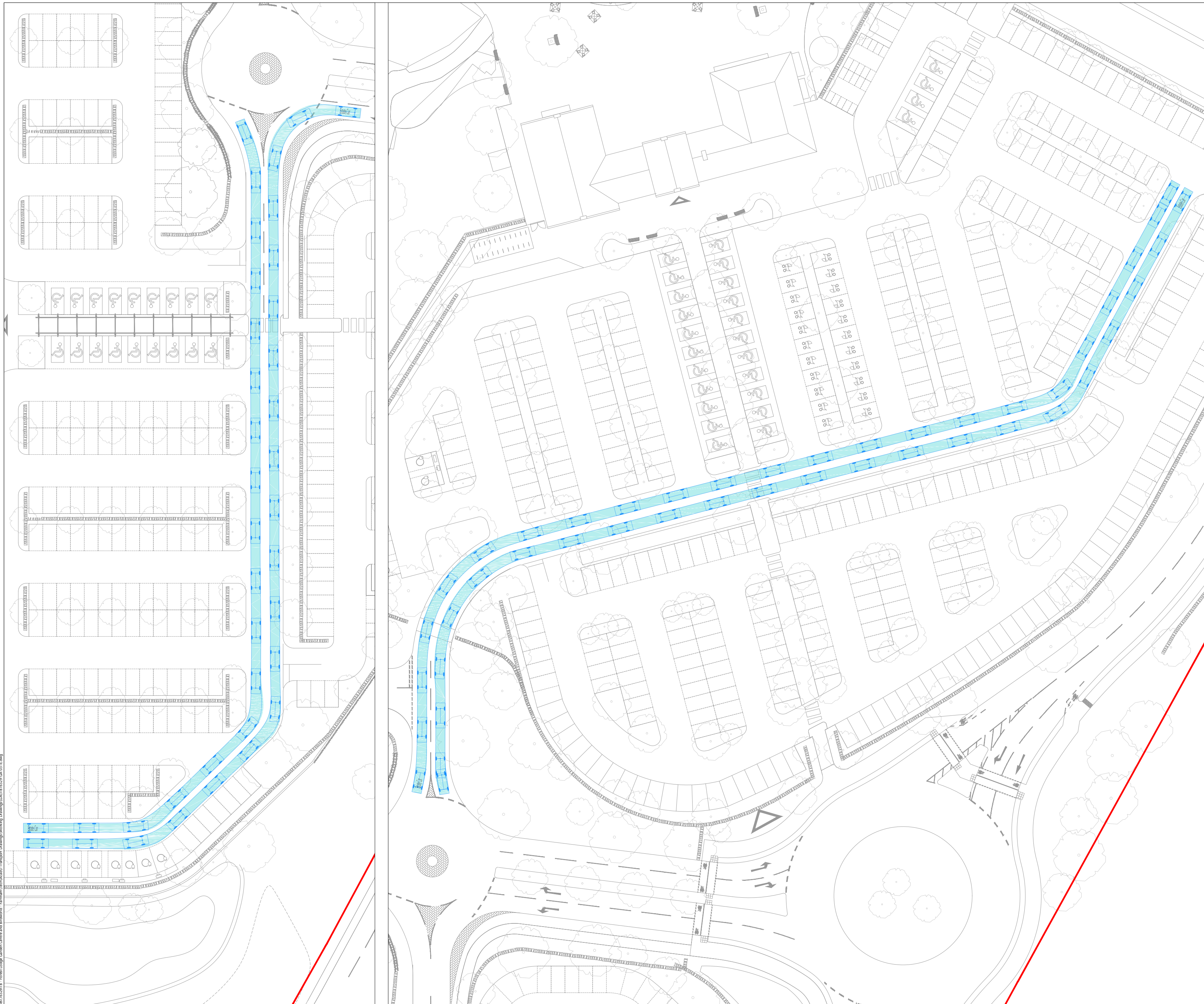
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PROJECT No: ITB16329	SCALE @ A2: 1:1000	DATE: 06.10.23

DRAWING No: ITB16329-GA-030 REV: E

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**Estate Car**  
 Overall Length 4.710m  
 Overall Width 1.885m  
 Overall Body Height 2.755m  
 Min Body Ground Clearance 0.207m  
 Max Track Width 1.756m  
 Lock to lock time 4.00s  
 Kerb to Kerb Turning Radius 5.950m

REV	DATE	BY	DESCRIPTION	CHK	APD
E	23.01.24	JD	SITE LAYOUT UPDATED	DF	SAW
D	11.01.24	JD	SITE LAYOUT UPDATED	DF	SAW
C	28.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
B	02.11.23	JD	SITE LAYOUT UPDATED	DF	SAW
A	23.10.23	JD	SITE LAYOUT UPDATED	DF	SAW

STATUS: FOR INFORMATION



The Square, Basing View,  
 Basingstoke, Hampshire, RG21 4EB  
 www.i-transport.co.uk  
 Tel: 01256 898366

TITLE: SWEEP PATH ANALYSIS - ESTATE CAR

PROJECT: BIRDWORLD AND HASKINS FOREST LODGE GARDEN CENTRE

CLIENT: BIRDWORLD LTD AND HASKINS GARDEN CENTRE LTD

DRAWN:	JD	CHECKED:	DF	APPROVED:	SAW
PROJECT No:	ITB16329	SCALE @ A2:	1:500	DATE:	06.10.23

DRAWING No: ITB16329-GA-031 REV: E

Project: 16329 - Birdworld Garden - Centre and Buildings - Furniture (Architectural) - Transport Drawings (Walking) - Drawing: GA-031 - GA-031.dwg  
 7/1/2024 10:00:00 AM

DRAWING ISSUED FOR FEASIBILITY CONSIDERATION AND PLANNING PURPOSES ONLY. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION. I-TRANSPORT LLP ACCEPTS NO RESPONSIBILITY FOR ERRORS MADE BY OTHERS IN SCALING FROM THIS DRAWING. MEASUREMENTS SHOULD BE TAKEN FROM FIGURED DIMENSIONS ONLY. COM REQUIREMENTS CONSIDERED AT FEASIBILITY STAGE ONLY. FURTHER CONSIDERATION REQUIRED BY DETAILED DESIGN TEAM.  
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