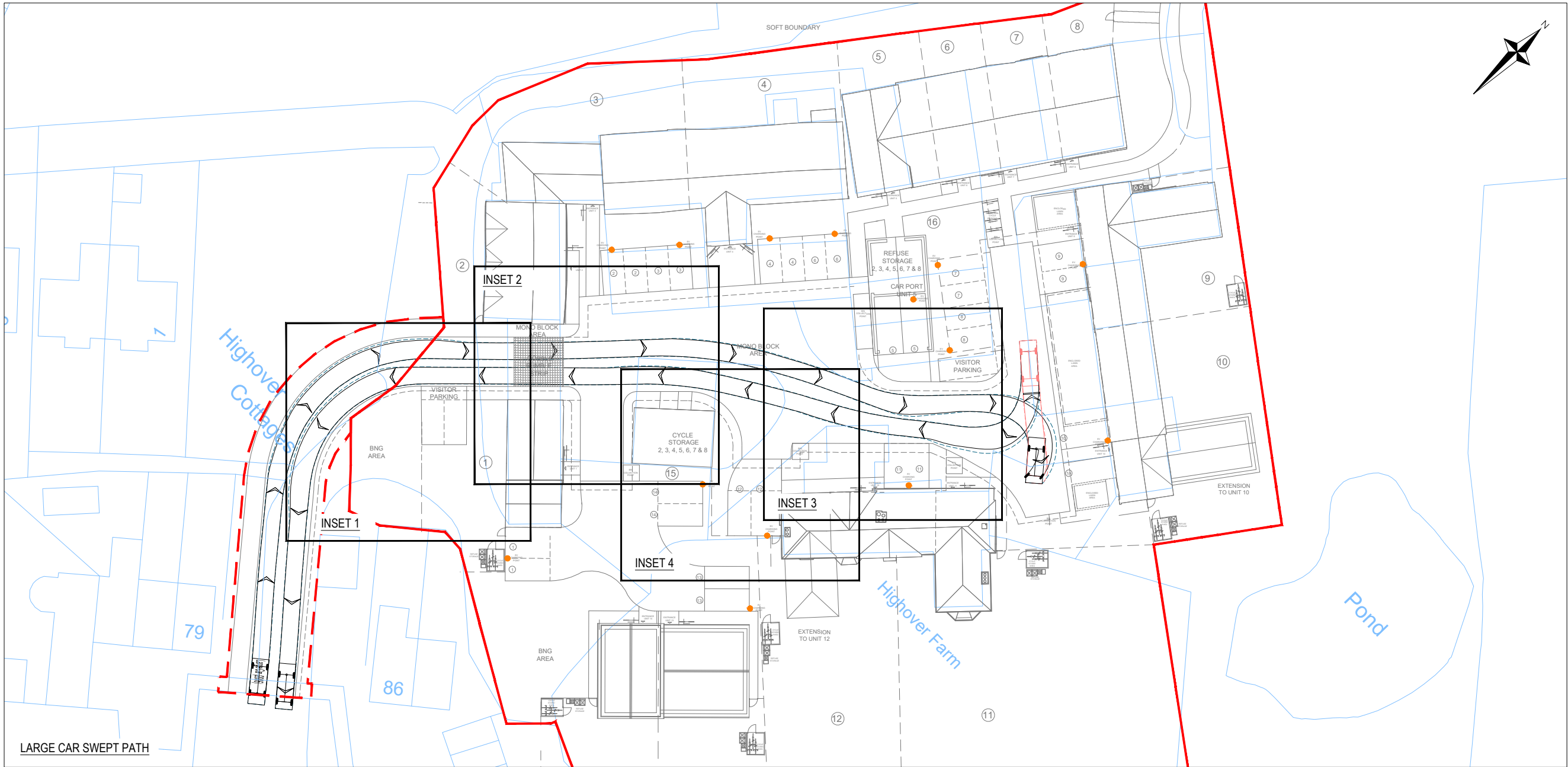




- NOTES
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KEY

- SITE BOUNDARY
- SITE LAYOUT
- TOPOGRAPHICAL SURVEY
- ELECTRIC VEHICLE CHARGING POINT

DIRECTION OF TRAVEL (FORWARDS)

VEHICLE OUTLINE

BODY OVERHANG

WHEEL EXTENTS

DIRECTION OF TRAVEL (REVERSE)

VEHICLE OUTLINE

BODY OVERHANG

WHEEL EXTENTS

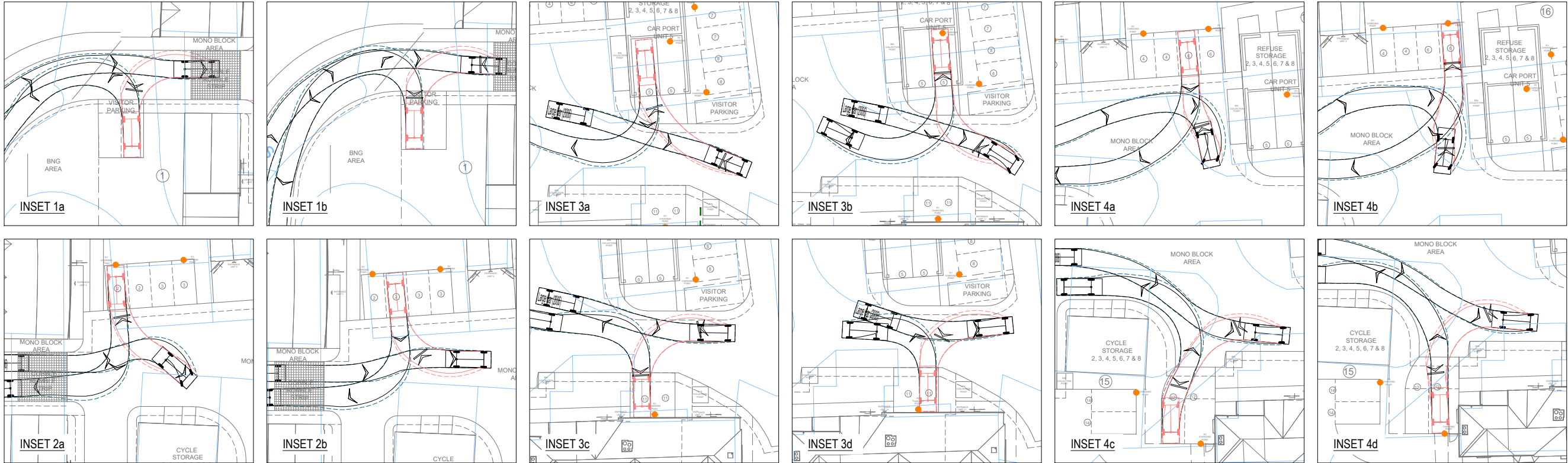
TECHNICAL DATA OF VEHICLES USED

Large Car (2006)

Overall Length	5.079m
Overall Width	1.872m
Overall Body Height	1.525m
Min Body Ground Clearance	0.310m
Max Track Width	1.831m
Lock to Lock Time	4.00s
Kerb to Kerb Turning Radius	5.900m

FIGURE 4a

FOR INFORMATION ONLY



13	SITE LAYOUT AND SWEEP PATHS UPDATED	06/05/2025	DK	DK
12	SITE LAYOUT AND SWEEP PATHS UPDATED	09/04/2025	DK	DK
11	FIRST ISSUE	26/01/2025	DK	DK

Rev. Description Date By Chkd

Glanville
Survey > Plan > Engineer

- Civil Engineering
- Structural Engineering
- Transport Planning
- Highways Engineering
- Building Surveying
- Geomatics

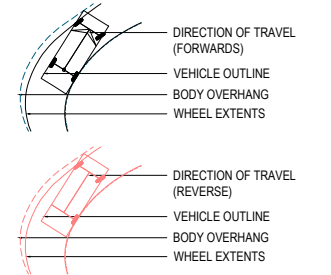
Hertfordshire | Oxfordshire | Cambridgeshire | Bristol

Client :	GILL HUDSON HOMES		
Project :	HIGHOVER FARM, HITCHIN, SG4 ORQ		
Title :	SWEPT PATH ASSESSMENT - LARGE CAR (SHEET 1 OF 2)		
Engineer : DK	Date :	JANUARY 2025	
Director : HG	Scale :	1:500 @ A3	
Status :	INFORMATION		
Drawing No.	4250115-SK004		Rev 13



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- KEY
- SITE BOUNDARY
 - ▨ SITE LAYOUT
 - TOPOGRAPHICAL SURVEY
 - ELECTRIC VEHICLE CHARGING POINT



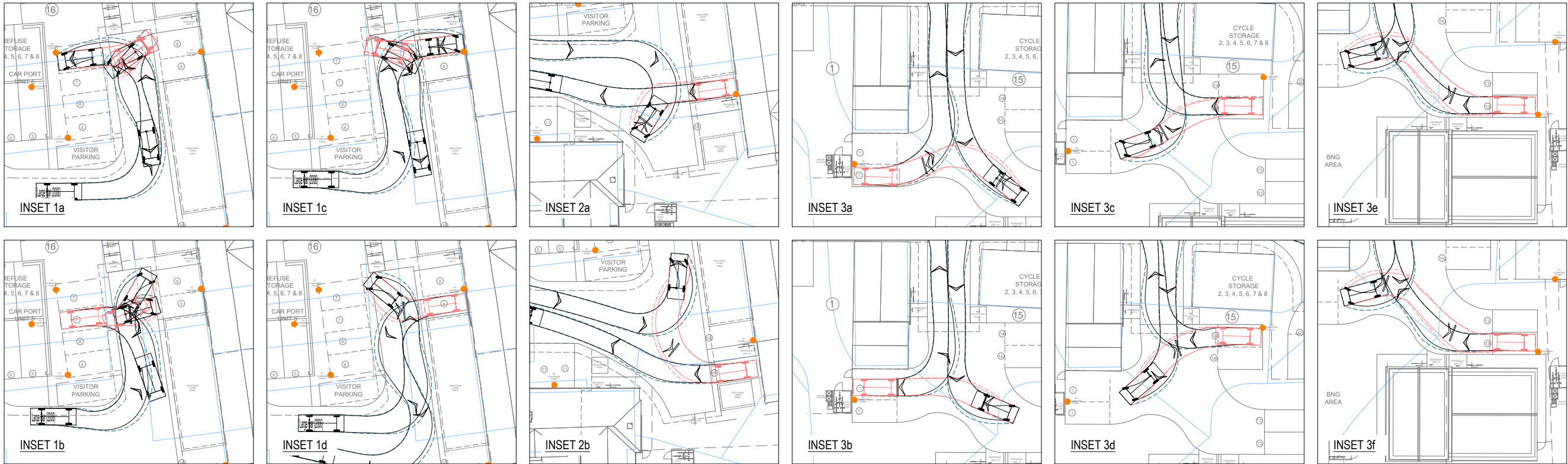
TECHNICAL DATA OF VEHICLES USED

Large Car (2006)

Overall Length	5.079m
Overall Width	1.872m
Overall Body Height	1.525m
Min Body Ground Clearance	0.310m
Max Track Width	1.831m
Lock to Lock Time	4.00s
Kerb to Kerb Turning Radius	5.900m

FIGURE 4b

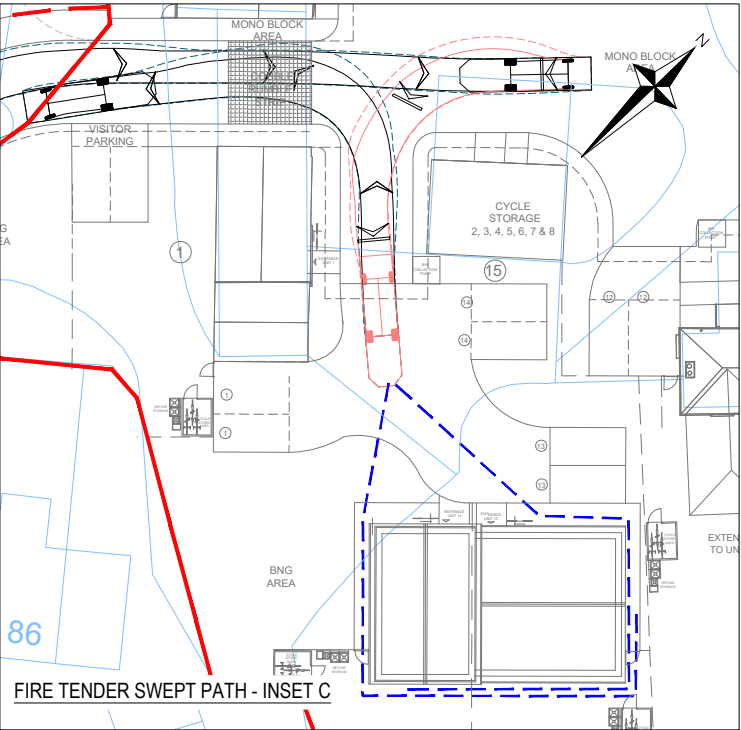
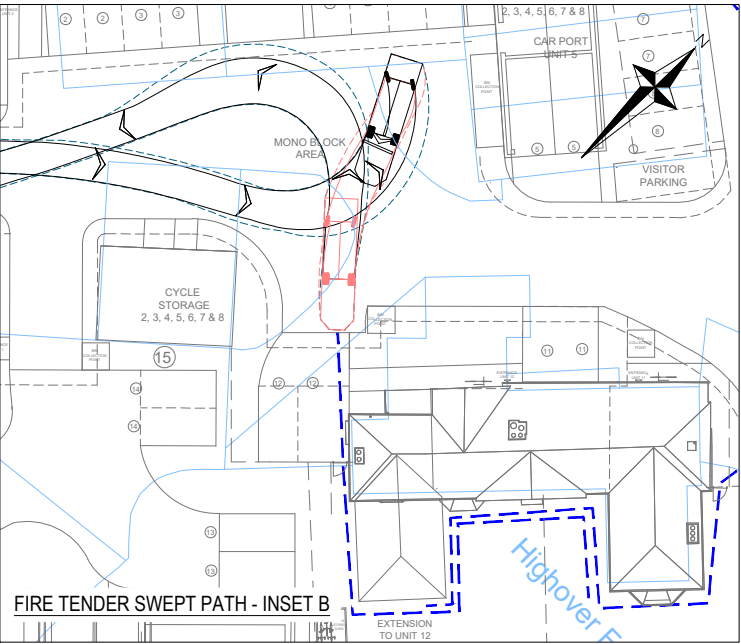
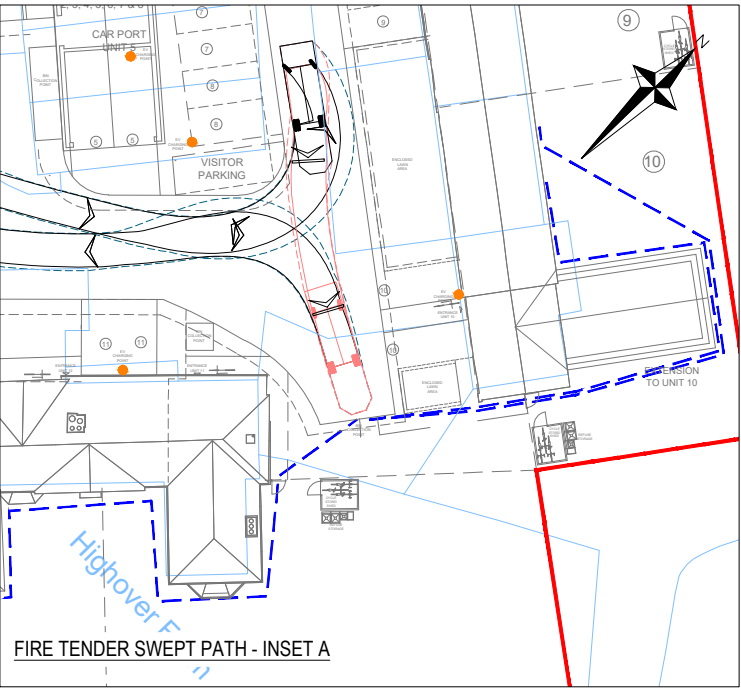
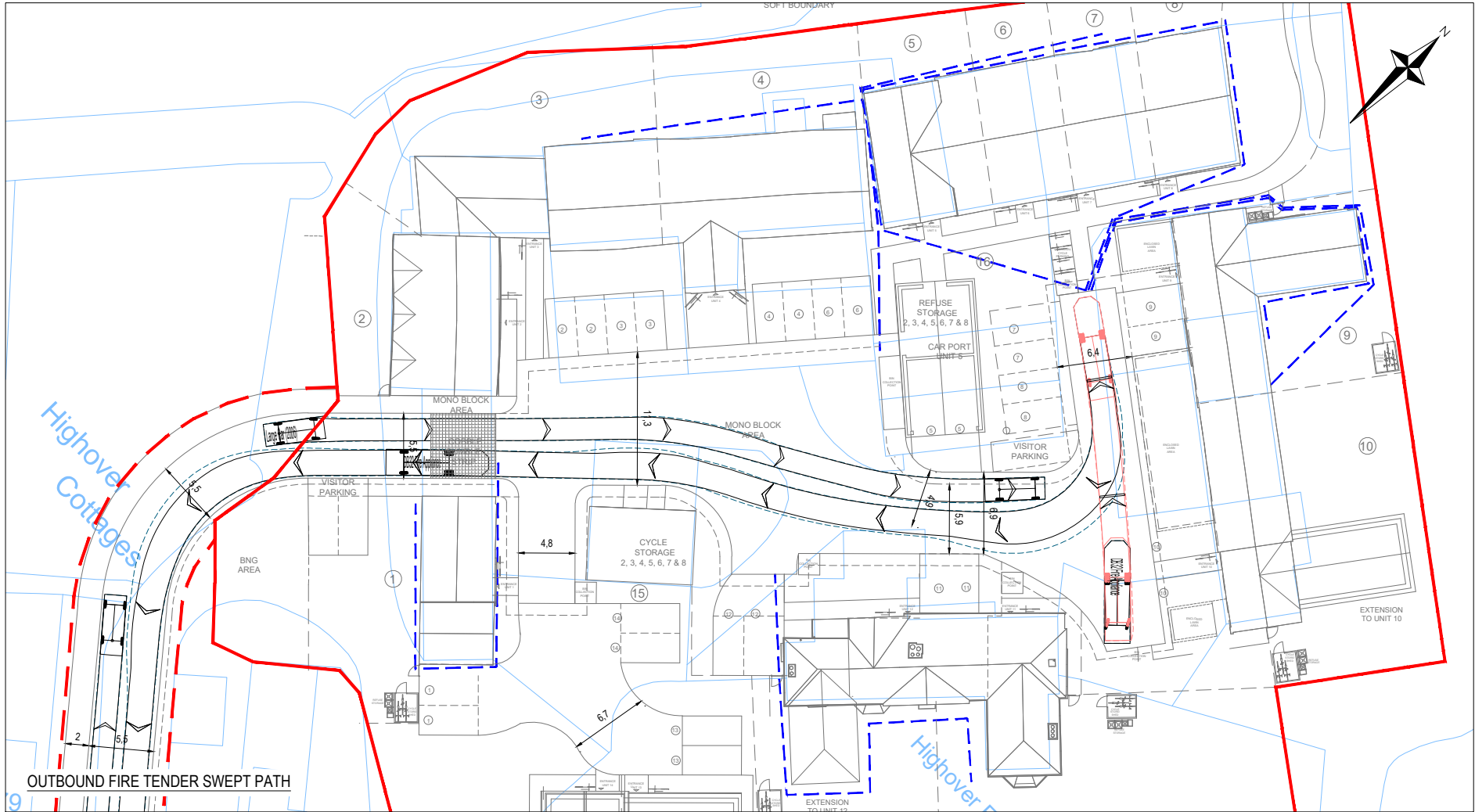
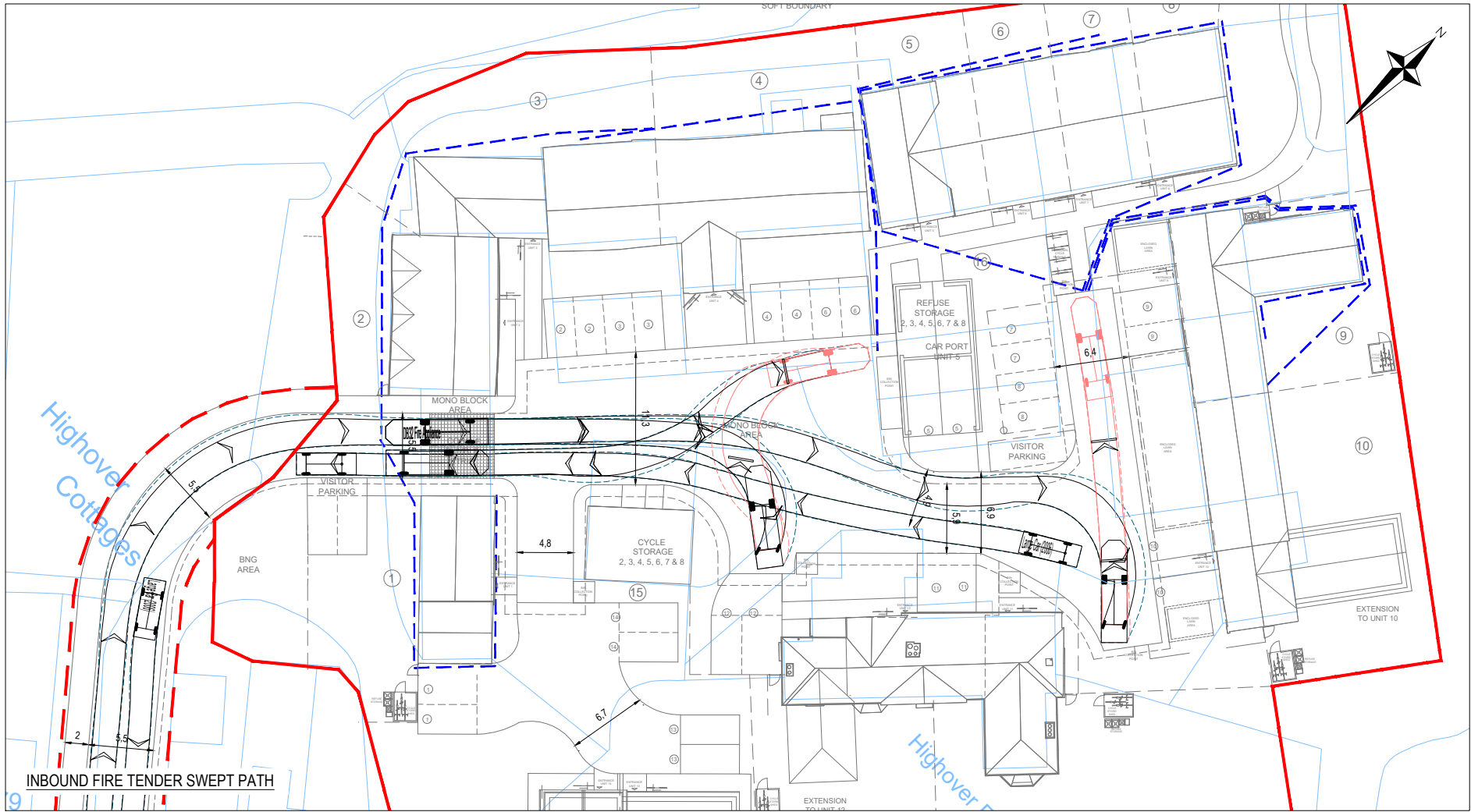
FOR INFORMATION ONLY



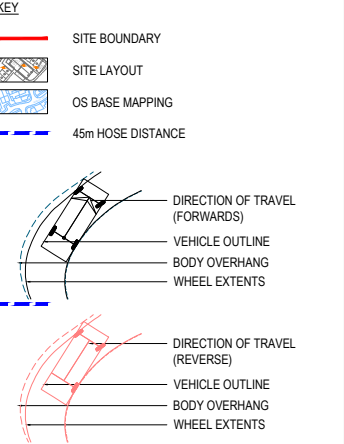
13	SITE LAYOUT AND SWEEP PATHS UPDATED	06/05/2025	DK	DK
12	SITE LAYOUT AND SWEEP PATHS UPDATED	09/04/2025	DK	DK
11	FIRST ISSUE	26/01/2025	DK	DK
Rev.	Description	Date	By	Chkd



Client :	GILL HUDSON HOMES
Project :	HIGHOVER FARM, HITCHIN, SG4 ORQ
Title :	SWEEP PATH ASSESSMENT - LARGE CAR (SHEET 2 OF 2)
Engineer : DK	Date : JANUARY 2025
Director : HG	Scale : 1:500 @ A3
Status :	INFORMATION
Drawing No.	4250115-SK005
Rev	13



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TECHNICAL DATA OF VEHICLES USED

Large Car (2006)	Overall Length	5.079m
	Overall Width	1.872m
	Overall Body Height	1.525m
	Min Body Ground Clearance	0.310m
	Max Track Width	1.831m
	Lock to Lock Time	4.00s
	Kerb to Kerb Turning Radius	5.900m

DB32 Fire Appliance

	Overall Length	8.680m
	Overall Width	2.180m
	Overall Body Height	3.452m
	Min Body Ground Clearance	0.337m
	Track Width	2.121m
	Lock to Lock Time	6.00s
	Kerb to Kerb Turning Radius	7.910m

FIGURE 4c

FOR INFORMATION ONLY

13	SITE LAYOUT AND SWEEP PATHS UPDATED	06/05/2025	DK	DK
12	SITE LAYOUT AND SWEEP PATHS UPDATED	09/04/2025	DK	DK
11	FIRST ISSUE	26/01/2025	DK	DK
Rev.	Description	Date	By	Chkd

Glanville
Survey > Plan > Engineer

- Civil Engineering
- Structural Engineering
- Transport Planning
- Highways Engineering
- Building Surveying
- Geomatics

Client: GILL HUDSON HOMES

Project: HIGHOVER FARM, HITCHIN, SG4 ORQ

Title: SWEEP PATH ASSESSMENT - FIRE TENDER

Engineer: DK Date: JANUARY 2025

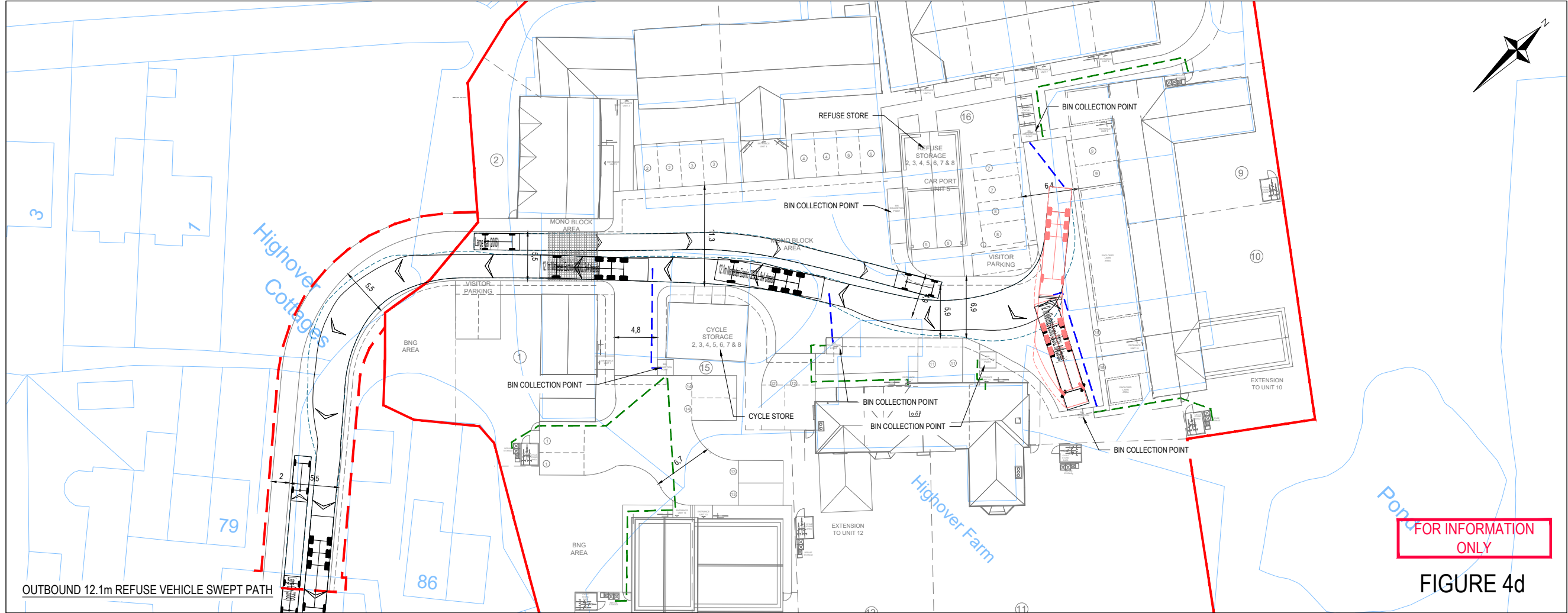
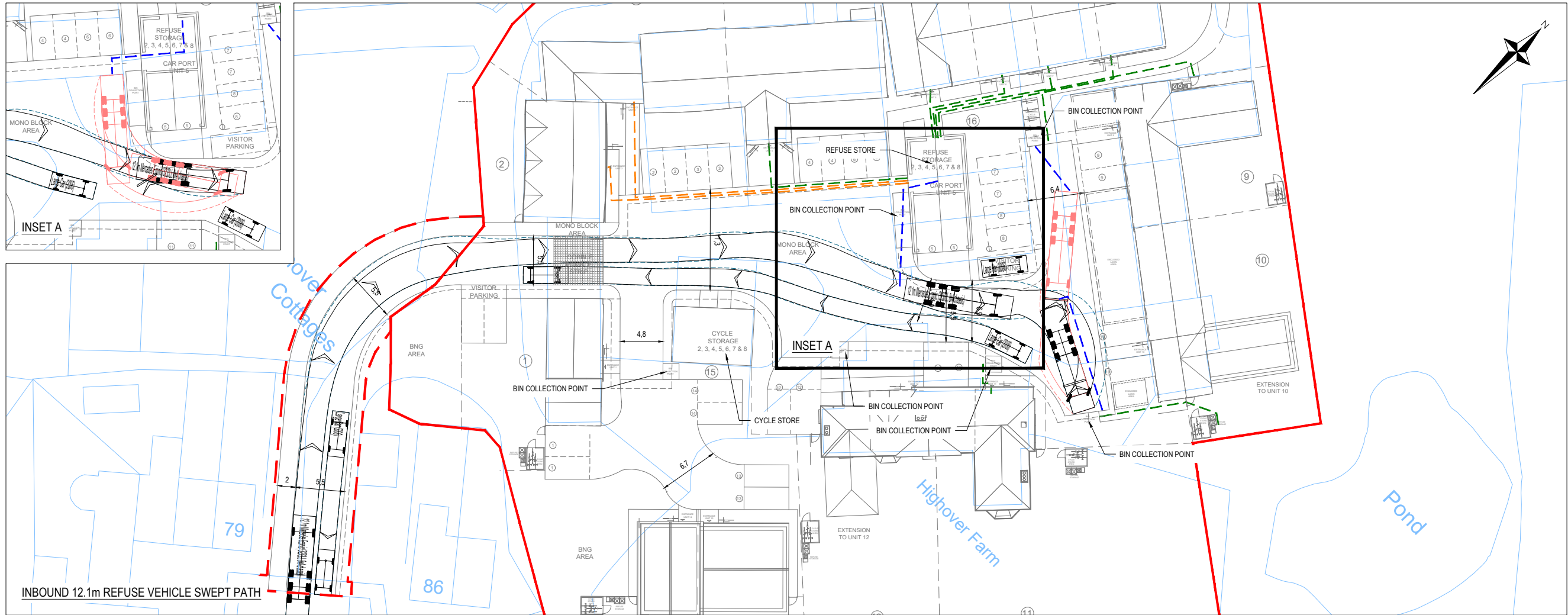
Director: HG Scale: 1:500 @ A3

Status: INFORMATION

Drawing No. 4250115-SK004

Rev

13



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 5. THE DIMENSIONS FOR THE REFUSE VEHICLE HAS BEEN TAKEN FROM NORTH HERTS COUNCIL'S WEBSITE 'WASTE AND RECYCLING PROVISION'. THIS STATES THAT THE REFUSE VEHICLES USED BY THE COUNCIL ARE AS FOLLOWS:

KEY

- SITE BOUNDARY
- SITE LAYOUT
- OS BASE MAPPING
- 15m WHEEL DISTANCE
- 30m CARRY DISTANCE
- 37m TO 40m CARRY DISTANCE

Diagram illustrating the vehicle's swept path, showing the direction of travel (forwards and reverse), vehicle outline, body overhang, and wheel extents.

TECHNICAL DATA OF VEHICLES USED

Vehicle	Overall Length	Overall Width	Overall Body Height	Min Body Ground Clearance	Track Width	Lock to Lock Time	Kerb to Kerb Turning Radius
12.1m Mercedes Econic (3233LL 8x4 chassis)	12.100m	2.530m	3.756m	0.309m	2.530m	4.00s	11.250m
Large Car (2006)	5.079m	1.872m	1.525m	0.310m	1.831m	4.00s	5.900m

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- Civil Engineering
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- Transport Planning
- Highways Engineering
- Building Surveying
- Geomatics

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Client :	GILL HUDSON HOMES		
Project :	HIGHOVER FARM, HITCHIN, SG4 ORQ		
Title :	SWEPT PATH ASSESSMENT - 12.1m REFUSE VEHICLE		
Engineer : DK	Date :	JANUARY 2025	
Director : HG	Scale :	1:500 @ A3	
Status :	INFORMATION		
Drawing No.	4250115-SK004		Rev 13