Appendices

Appendix A Site Layout (STEN Architecture Drawing No. 2202.01 Revision G)

Scaled @ 1:500

0 10m 20m 50m

This drawing, design and concept are copyright of STEN Architecture.

All Dimensions are to be verified on site before any work commences. If any discrepancies, errors or emissions are noted, these are to be reported to STEN Architecture immediately.

If any other drawings are referenced within this layout, please refer to the specific detailed drawing for design, materials and specific working practices.

LEE LANE

LEE LANE

Lee Lane Farm

Existing track outside of site ownership, shown indicatively due to lack of survey information

Existing track outside of site ownership, shown indicatively due to lack of survey information

Existing track within site ownership, shown indicatively due to lack of survey information

Existing track within site ownership, shown indicatively due to lack of survey information

Indicative SUDs basin design

Indicative pump station location

Indicative underground tank location

LEAP 400m²

20m standoff to habitable rooms

20m standoff to habitable rooms

PLANNING LAYOUT KEY

Boundary treatments

- 1.8m Boundary screen wall
- 1.8m Boundary screen fence
- 0.45m Knee railing
- 0.9m Estate railings
- 0.6m Low frontage wall
- Brick pillar detail
- 1.8m timber gate

General

- Title Boundary
- Bin collection point (bin collection day only)
- Block paving
- Tree/vegetation to be retained.
- Root protection Zone.
- Tree/vegetation to be removed.
- Reinforced tarmac to accomodate fire vehicle turn. (Area to be tracked and confirmed for compliance by highway consultant or

ACCOMMODATION SCHEDULE

Reference	Beds	Storeys	Total
Joiner	2	2	7
Tailor	3	2	12
Turner	3	2	40
Thespian Semi	3	2	4
Thespian Det	3	2	13
Baxter	3	2	26
Farrier	4	2	25
Scrivner	4	2	22
Cartwright	4	2.5	16
Cutler	4	2	26
Bowyer	4	2	22
Forester	4	2	11
Goldsmith	4	2	12
Lorimer	4	2	13
Grand-Total			**249**

REV:	DESCRIPTION:	BY:	DATE:
G	East to west footway link increased to 3m, Plots 74-76, 105-107, 162-169, 181-184 & 190-198 repositioned to suit. Schedule updated to suit plot substitutions on 76, 105 & 181	TS	13.04.22
F	Footway connection adjacent plot 151 repositioned. Substation position amended and footway connection to the north amended. Adoptable connection shown opposite plot 40. 3m cycle way shown through central POS.	TS	01.04.22
E	Footway connection shown adjacent plot 151	TS	23.03.22
D	Additional walling added to plots 19-40, 41-63, 64, 84, 87, 98, 105, 148-161, 151, 159-160, 175, 176 & 206	TS	15.03.22
C	low frontage walls & Brick piers indicated on plan. Plots 173-175 repositioned to allow for visibility splay to be incorporated into the design.	TS	08.03.22
B	Layout generally updated to highway consultant information. Junction design updated, visibility splays shown. widening to road adjacent plot 203/204 to accommodate bus maneuver. Bus stop location amended. indicative engineering information shown.	TS	01.03.22
A	Substation added. Road adjacent plot 73 amended to tie in with potential development to the east.	TS	01.02.22

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Linkedin: Sten Architecture

CLIENT: Bellway

SITE: Lee Lane Royston

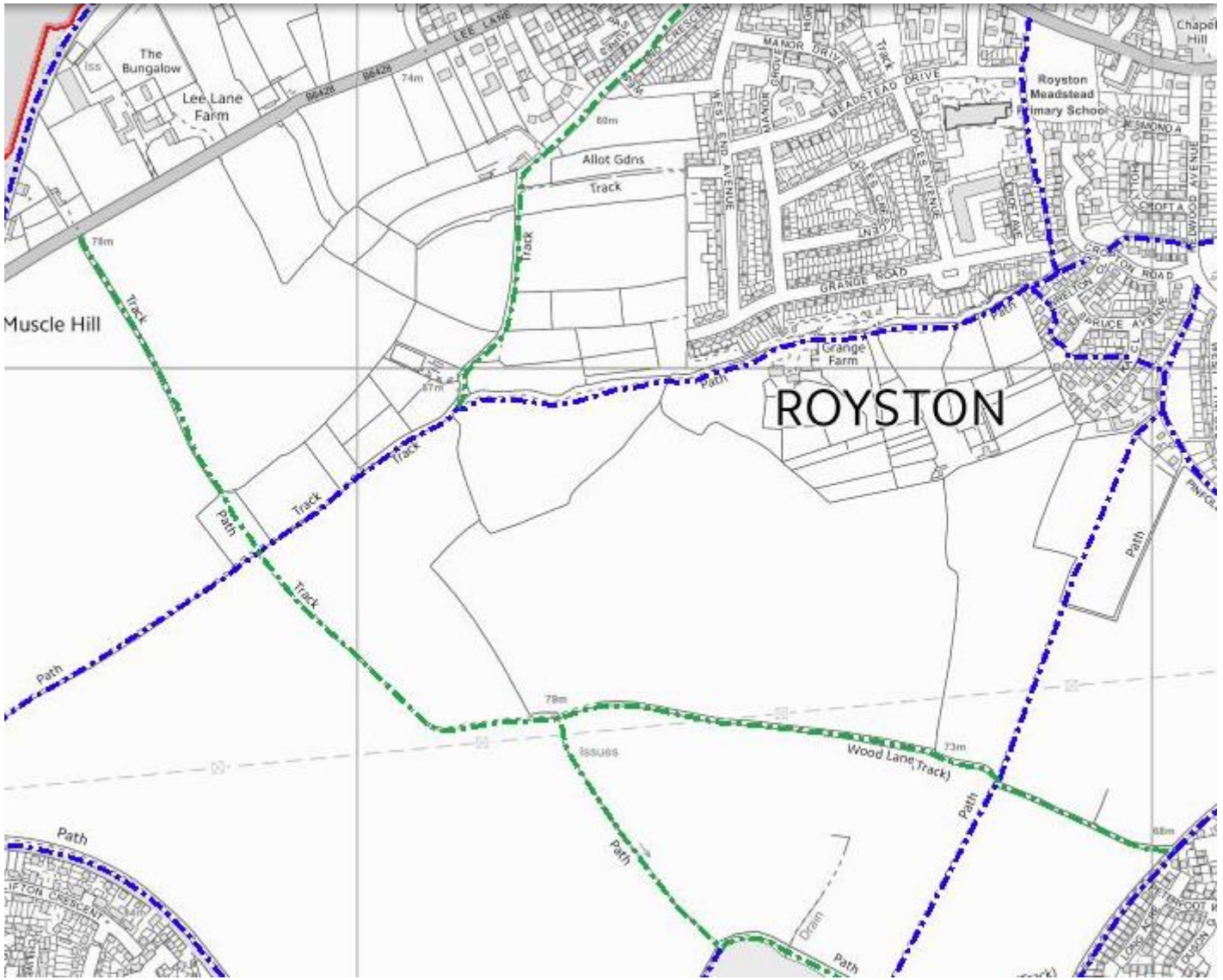
TITLE: Planning Layout

SCALE AT A0:	DATE:	DRAWN:	CHECKED:
1:500	18.01.22	TS	--

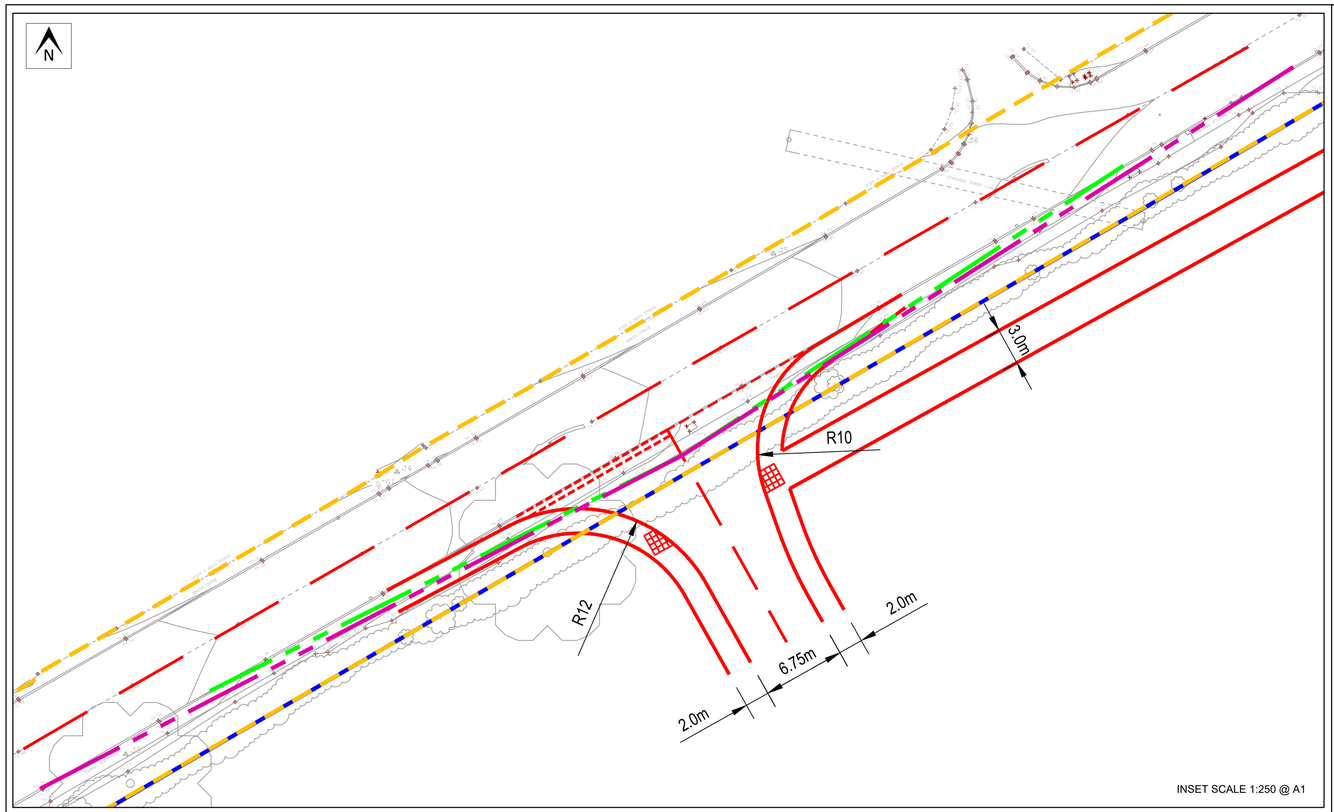
PROJECT NO:	DRAWING NO:	REVISION:
2202	2202.01	G

Appendix B BMBC Public Rights of Way Information

Extract of Barnsley Public Rights of Way Online Mapping



Appendix C Proposed Site Access Arrangements and Vehicle Swept Path Analysis (Optima Drawing Nos. 18085/GA/01 Revision E, 18085/ATR/20 Revision B and 18085/ATR/21 Revision A)



INSET SCALE 1:250 @ A1

KEY

- INDICATIVE HIGHWAY BOUNDARY EXTENT
- PROPOSED SITE ACCESS ARRANGEMENTS
- 2.4M x 43M VISIBILITY SPLAYS
- 2.4M X 59M VISIBILITY SPLAYS
- INDICATIVE SITE BOUNDARY
- MAXIMUM ACHIEVABLE VISIBILITY SPLAY

NOTES

1. PRELIMINARY LAYOUT SUBJECT TO DETAILED DESIGN INCLUDING FULL CDM COMPLIANCE, STATUTORY UNDERTAKERS SEARCH/DIVERSION REQUIREMENTS, HIGHWAY DRAINAGE PROVISION, HIGHWAY CAPACITY ASSESSMENT, LAND AVAILABILITY AND LOCAL AUTHORITY APPROVAL
2. STREET LIGHTING TO BE PROVIDED ALONG LEE LANE BETWEEN PROPOSED SPEED LIMIT CHANGE AND ROUNDABOUT TO EAST OF SITE.

REV	DATE	BY	DESCRIPTION	CHK	APP
E	02/03/22	CJF	ACCESS REALIGNED	PMO	PMO
D	24/02/22	CJF	CARRIAGEWAY WIDENED TO 6.75M	PMO	PMO
C	02/03/20	CJR	GATEWAY FEATURE AMENDMENTS	PMO	PMO
B	14/02/20	CJR	RESPONSE TO RSA	PMO	PMO
A	27/01/20	CJR	UPDATED ON TOPO SURVEY	PMO	PMO
-	07/01/19	NJ	INITIAL ISSUE	TP	TP

STATUS: PRELIMINARY

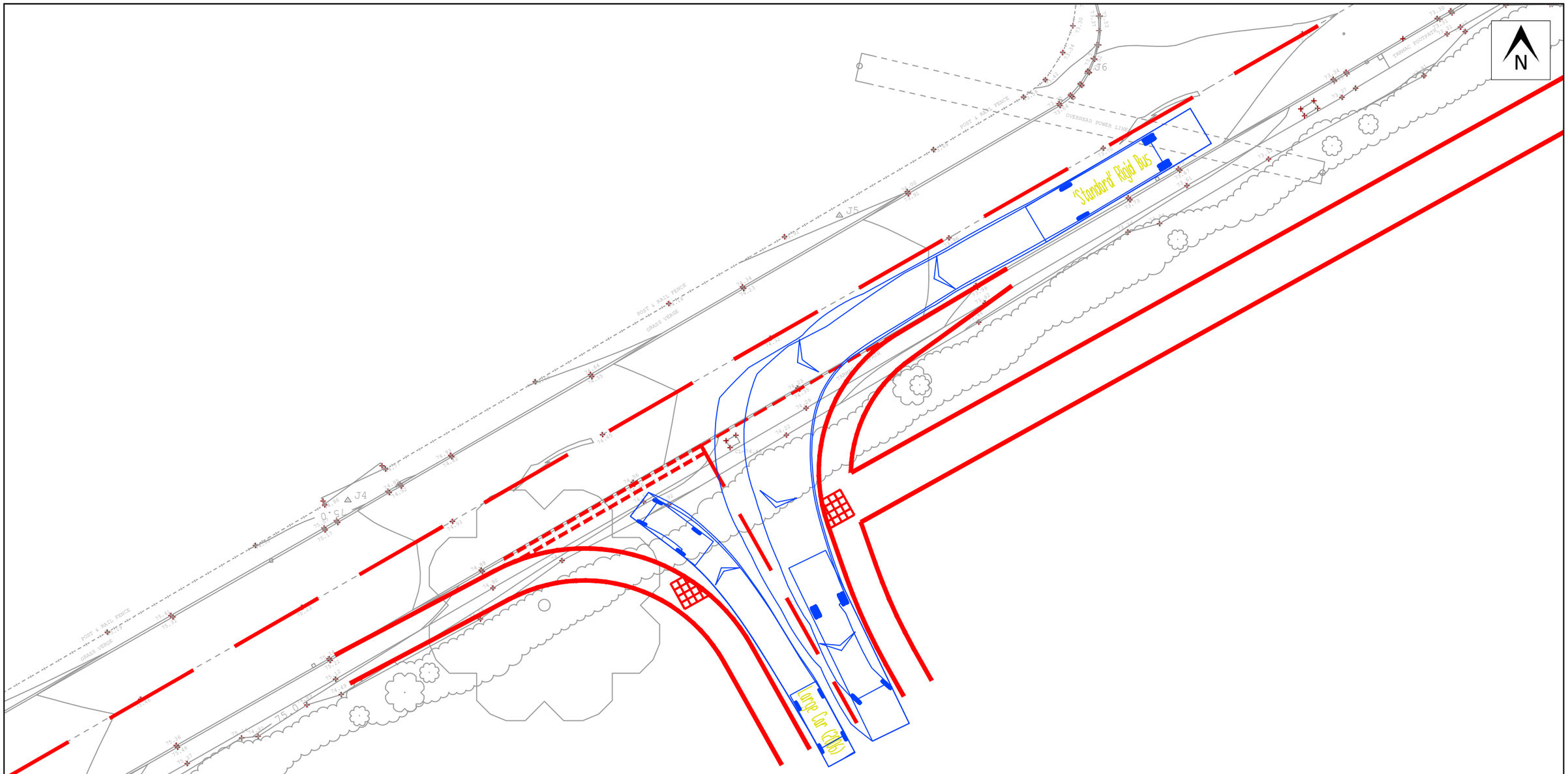
PROJECT: LEE LANE, ROYSTON

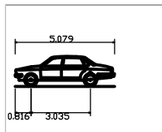
CLIENT: BELLWAY HOMES LTD

DRAWING TITLE: PROPOSED LEE LANE SITE ACCESS ARRANGEMENT

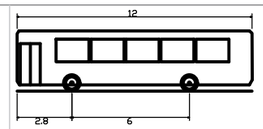
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TP	TP	18085/GA/01	
DRAWN BY:	SCALE @ A1	DATE	REV.
NJ	1:500 INSET: 1:250	MARCH 2022	E

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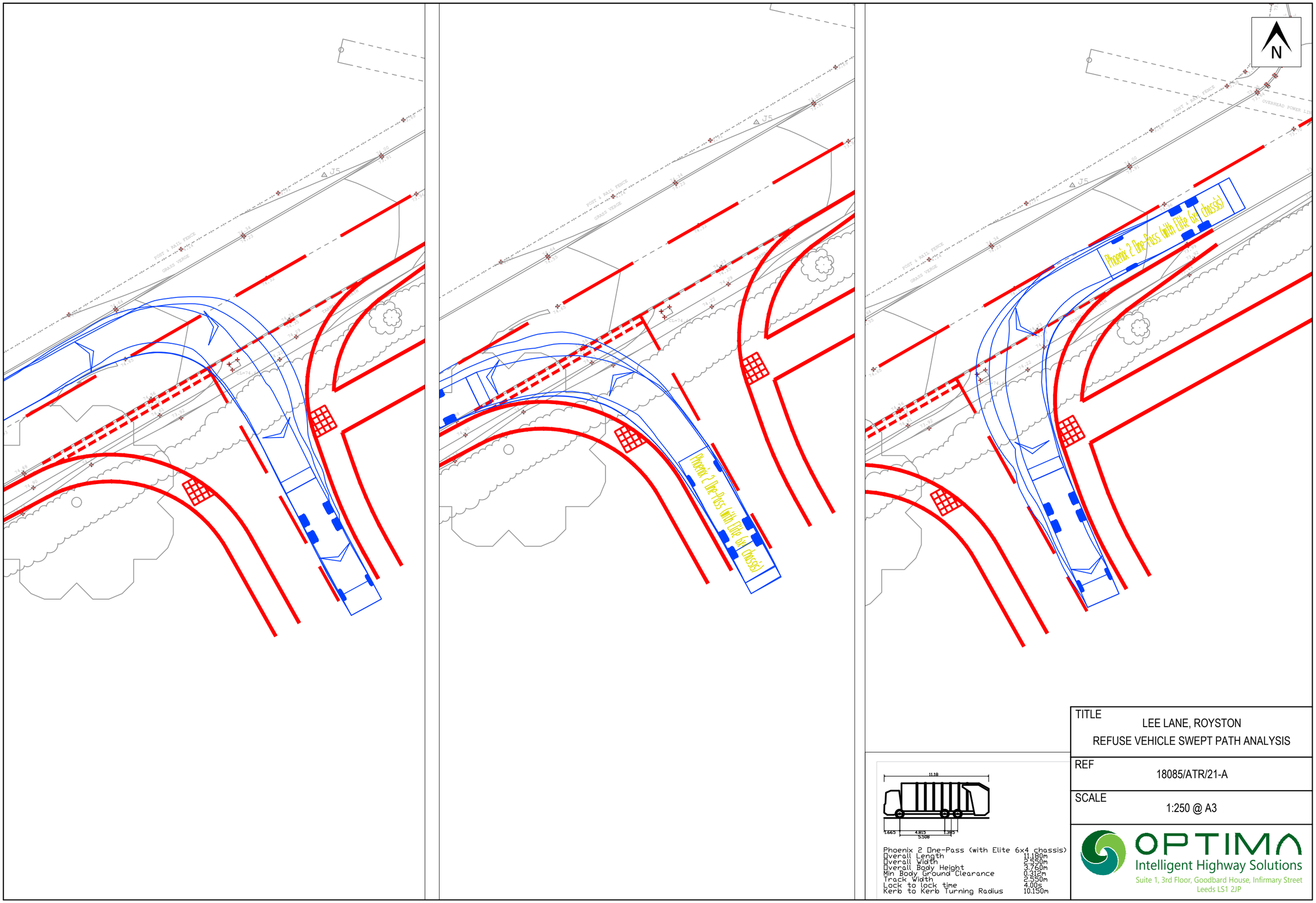
Large Car (2006)	
Overall Length	5.079m
Overall Width	1.872m
Overall Body Height	1.525m
Min Body Ground Clearance	0.310m
Max Track Width	1.831m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	5.900m



'Standard' Rigid Bus	
Overall Length	12.000m
Overall Width	2.550m
Overall Body Height	3.069m
Min Body Ground Clearance	0.309m
Track Width	2.350m
Lock to lock time	4.00s
Wall to Wall Turning Radius	10.771m

TITLE	LEE LANE, ROYSTON BUS AND LARGE CAR VEHICLE SWEPT PATH ANALYSIS
REF	18085/ATR/20-B
SCALE	1:250 @ A3

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Phoenix 2 One-Pass (with Elite 6x4 chassis)	
Overall Length	11.180m
Overall Width	2.550m
Overall Body Height	3.760m
Min Body Ground Clearance	0.312m
Track Width	2.550m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	10.150m

TITLE

LEE LANE, ROYSTON

REFUSE VEHICLE SWEPT PATH ANALYSIS

REF

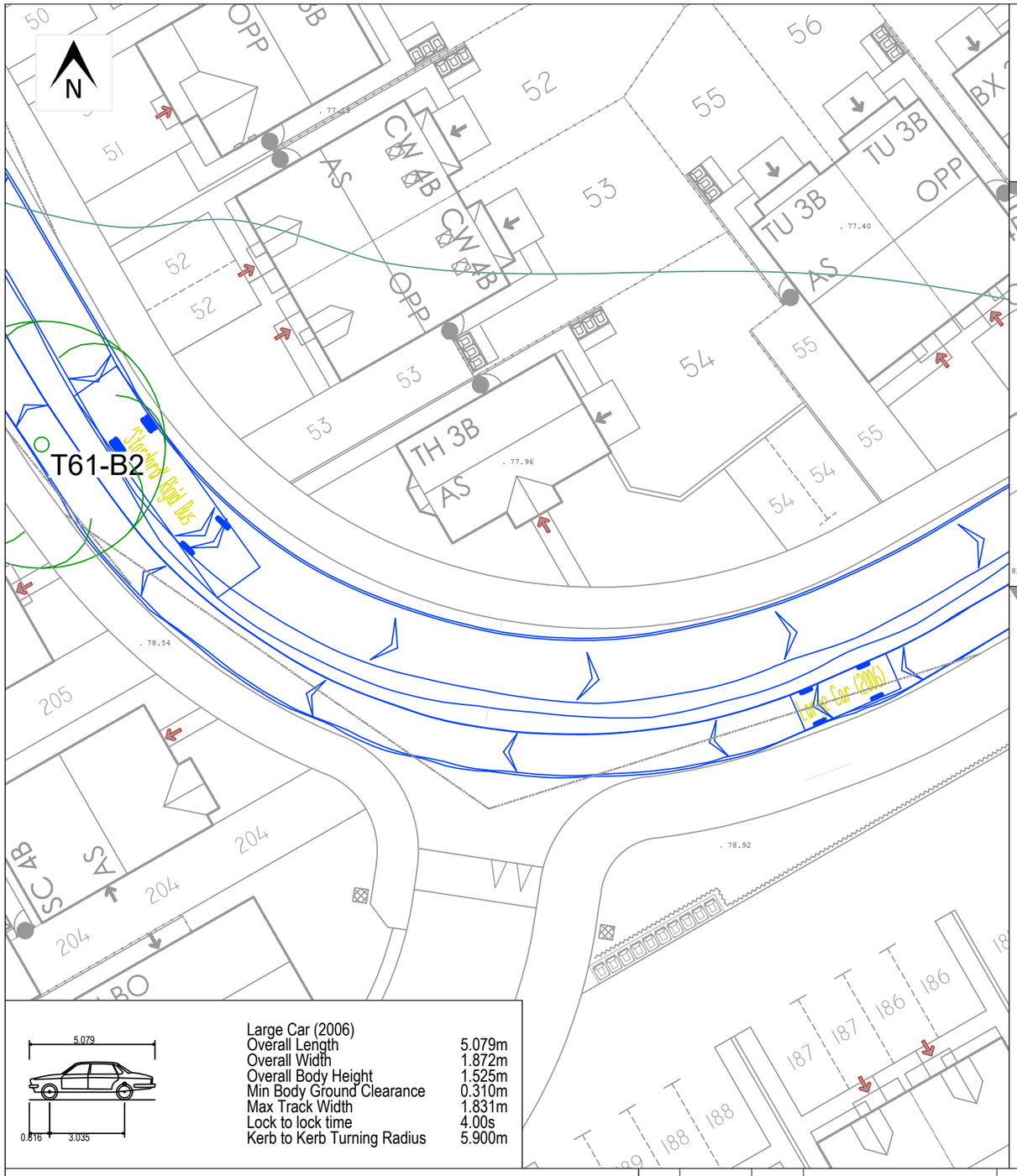
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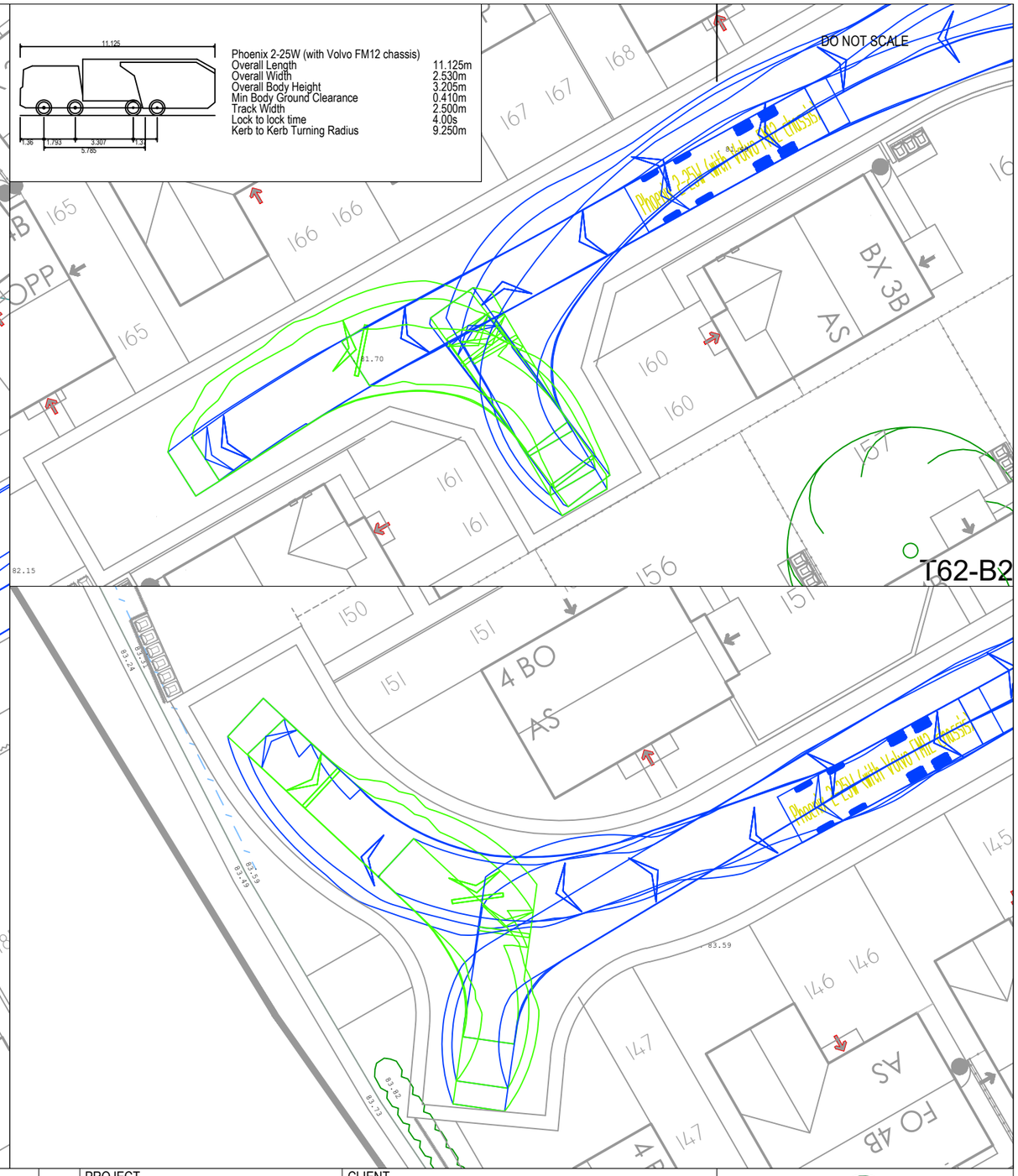
SCALE

1:250 @ A3

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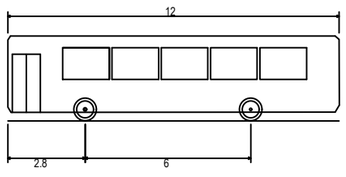
Appendix D Internal Layout Vehicle Swept Path Analysis (Optima Drawing Nos. 18085/ATR/45 Revision A, 18085/ATR/46 Revision A and 18085/ATR/47 Revision A)





Phoenix 2-25W (with Volvo FM12 chassis)	
Overall Length	11.125m
Overall Width	2.530m
Overall Body Height	3.205m
Min Body Ground Clearance	0.410m
Track Width	2.500m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	9.250m

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



'Standard' Rigid Bus	
Overall Length	12.000m
Overall Width	2.550m
Overall Body Height	3.069m
Min Body Ground Clearance	0.309m
Track Width	2.350m
Lock to lock time	4.00s
Wall to Wall Turning Radius	10.771m

REV	DATE	BY	DESCRIPTION	CHK	APP
A	25/04/22	CJR	UPDATED SITE LAYOUT	PMO	PMO
-	24/02/22	CJF	INITIAL ISSUE	PMO	PMO

STATUS: PRELIMINARY

PROJECT: LEE LANE, ROYSTON

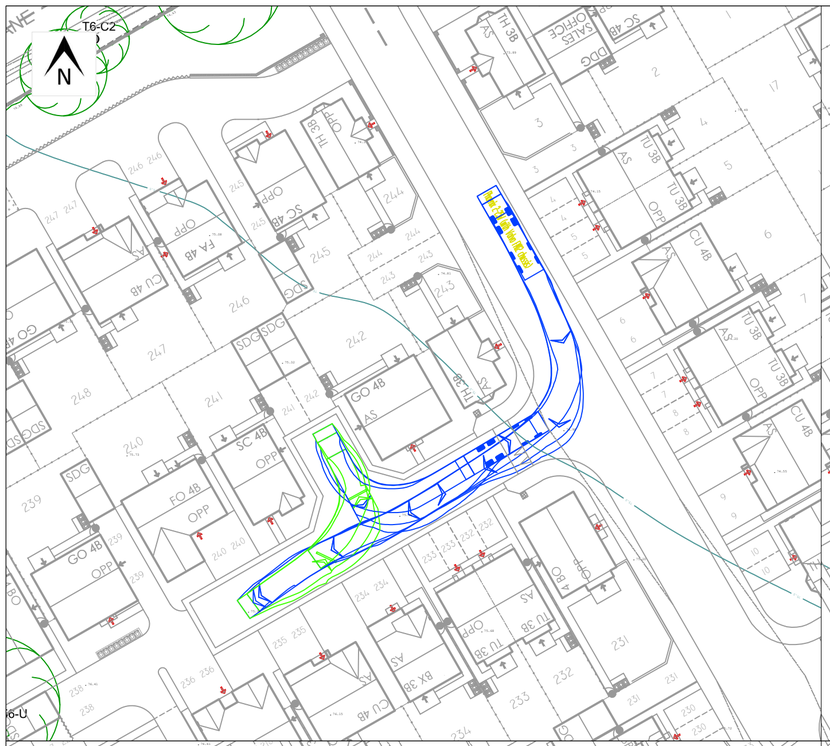
CLIENT: BELLWAY HOMES LTD

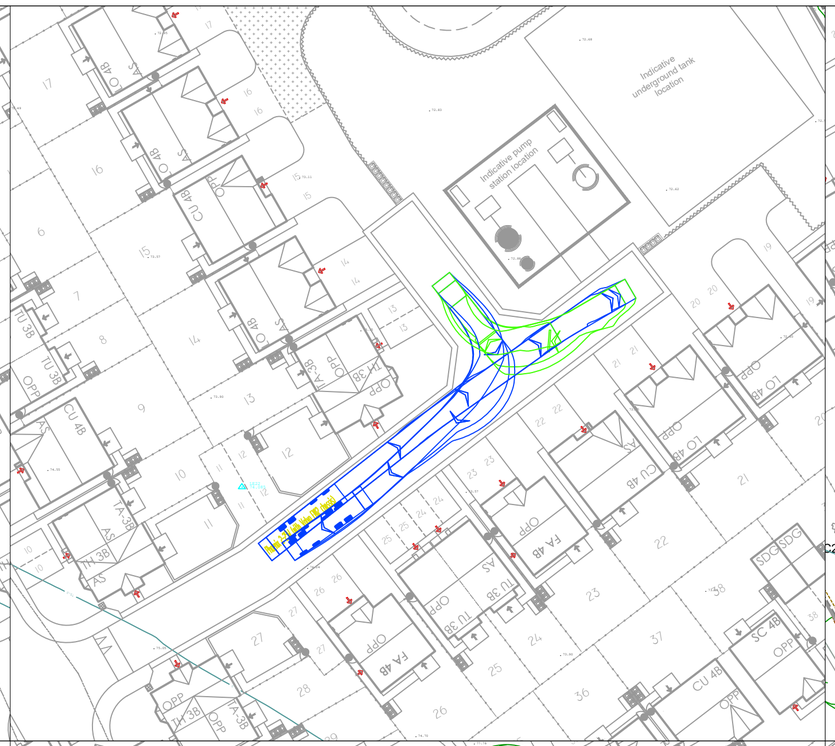
DRAWING TITLE: SPINE ROAD BUS TRACKING & TURNING HEAD REFUSE VEHICLE SWEPT PATH ANALYSIS

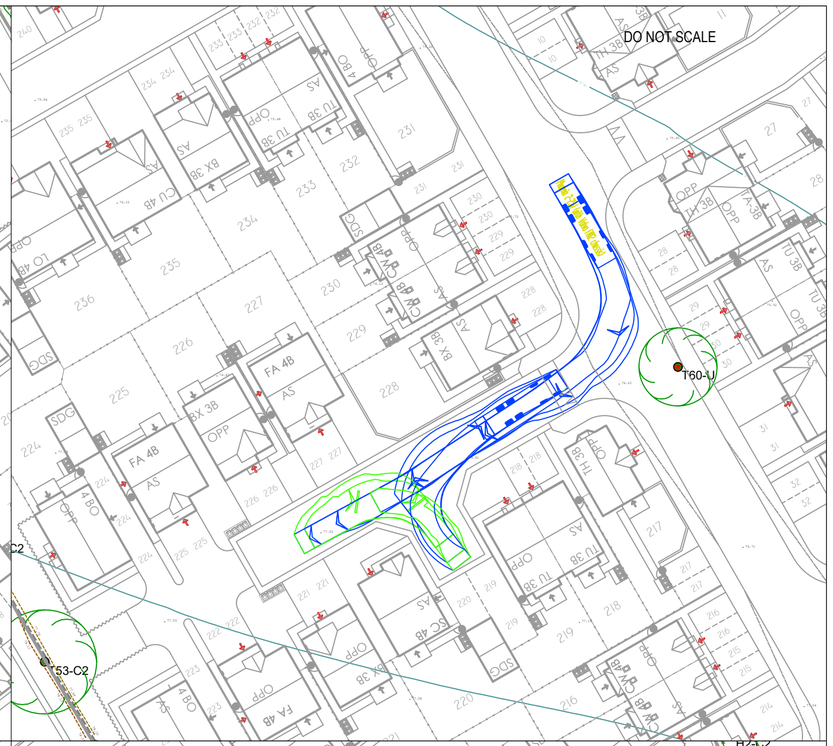
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CJF	1:250	APRIL 2022	A

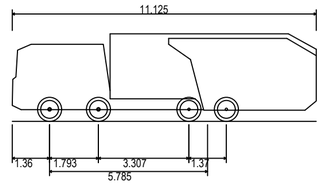
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DO NOT SCALE









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REV	DATE	BY	DESCRIPTION	CHK	APP
-	25/04/22	CJR	UPDATED SITE LAYOUT	PMO	PMO
-	24/02/22	CJF	INITIAL ISSUE	PMO	PMO

STATUS: PRELIMINARY

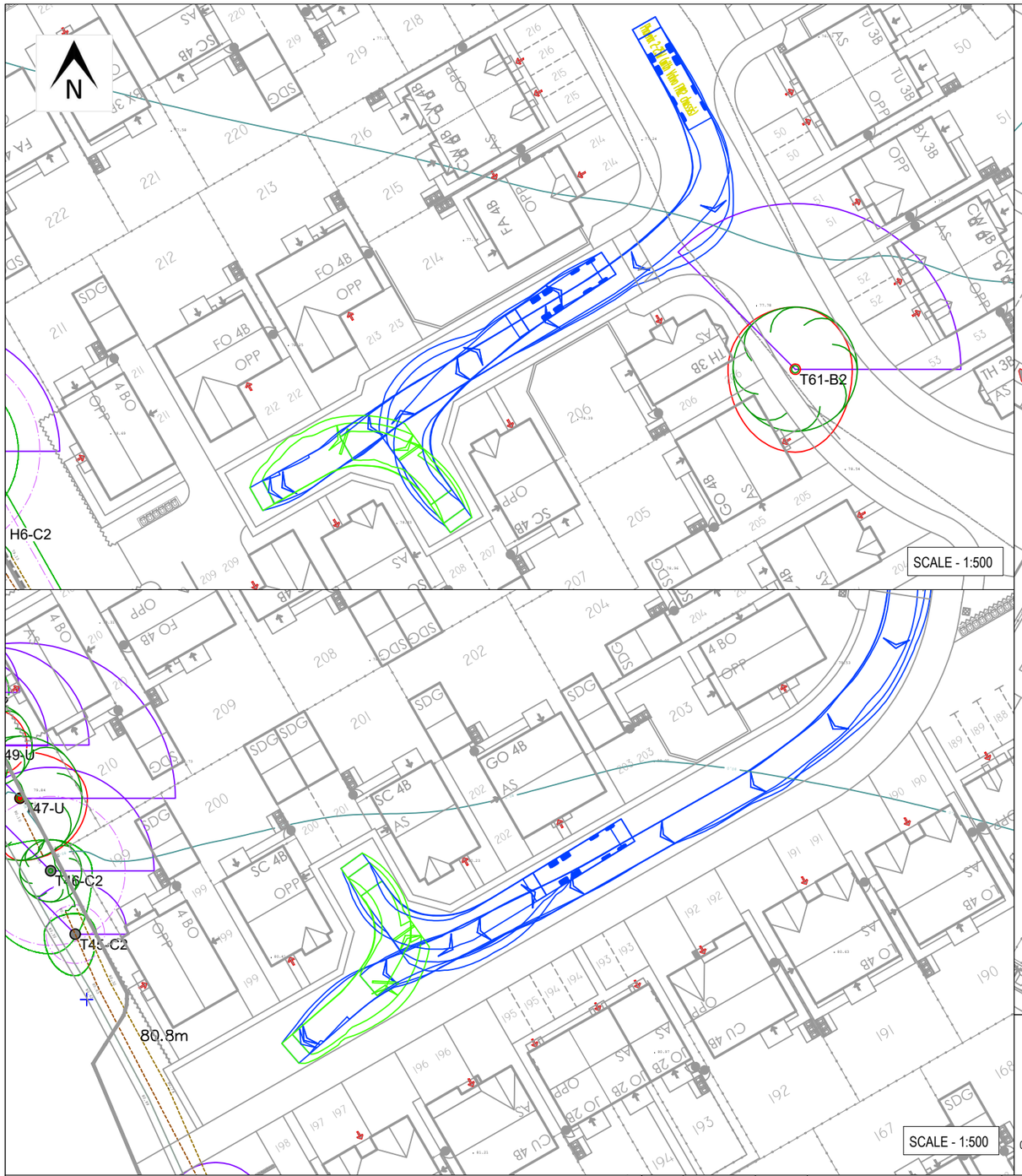
PROJECT: LEE LANE, ROYSTON

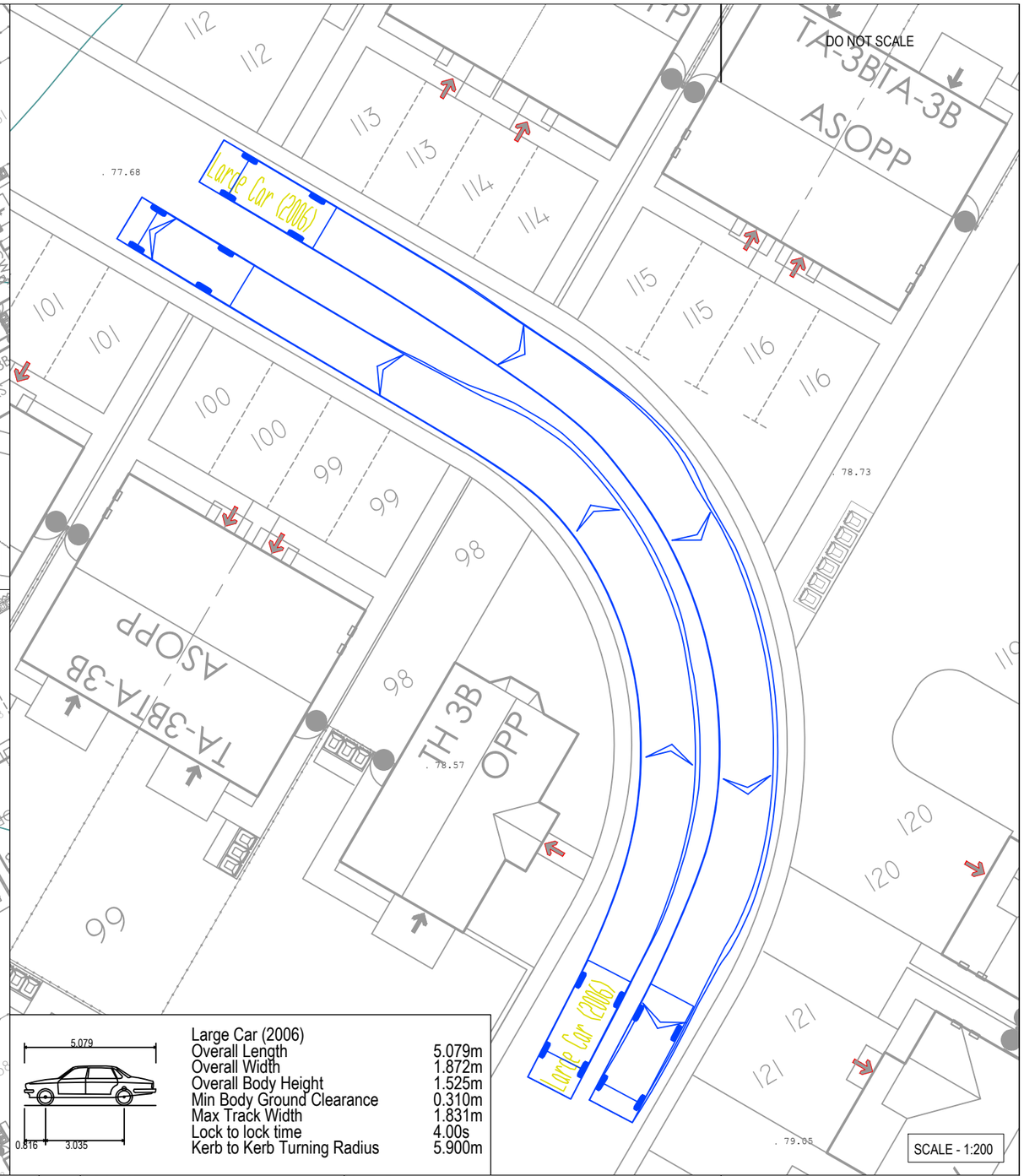
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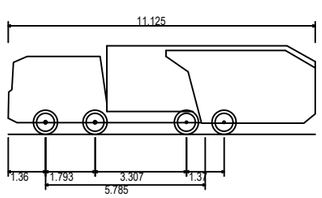
DRAWING TITLE: TURNING HEAD TRACKING
REFUSE VEHICLE SWEPT PATH ANALYSIS

CHECKED	APPROVED	DRG No.	
PMO	PMO	18085/ATR/46	
DRAWN BY:	SCALE @ A2	DATE	REV.
CJF	1:500	APRIL 2022	A

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REV	DATE	BY	DESCRIPTION	CHK	APP
A	25/04/22	CJR	UPDATED SITE LAYOUT	PMO	PMO
-	24/02/22	CJF	INITIAL ISSUE	PMO	PMO

STATUS: PRELIMINARY

PROJECT: LEE LANE, ROYSTON

CLIENT: BELLWAY HOMES LTD

DRAWING TITLE: REFUSE VEHICLE TURNING HEAD TRACKING & LARGE CAR SWEPT PATH ANALYSIS

CHECKED	APPROVED	DRG No.	
PMO	PMO	18085/ATR/47	
DRAWN BY:	SCALE @ A3	DATE	REV.
CJF	AS SHOWN	APRIL 2022	A

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