

Technical Note 01

Project:	Wensley Road, Reading	Office:	Southampton
Project No:	A115865	Prepared by:	GS
Client:	Reading Borough Council	Approved by:	SW
Date:	July 2020	Status:	For Information
Subject:	Transport Statement - Addendum		

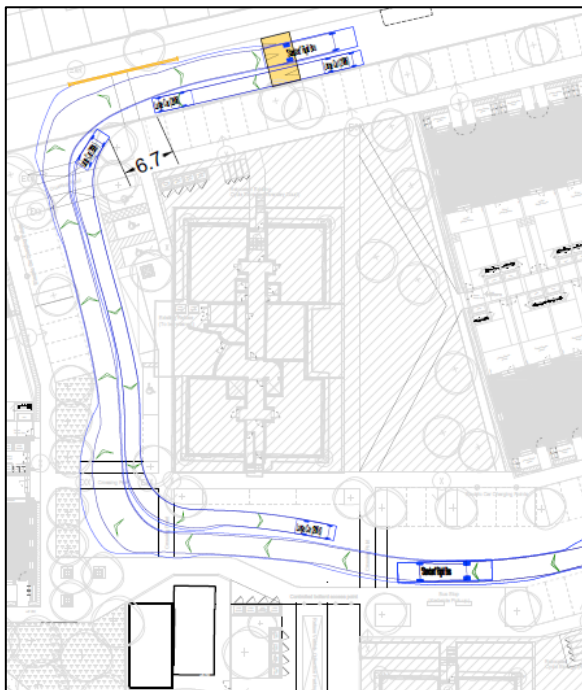
1 Introduction

- 1.1 WYG has been commissioned by Reading Borough Council (the 'Applicant') to prepare a Transport Statement (TS) to support a proposed residential development at Wensley Road, Reading (the 'site').
- 1.2 The planning application (ref. 200122) was submitted in January 2020. This Technical Note addresses the issues raised by the Local Highway Authority (LHA) in response to the proposals. A revised site layout is included as **Appendix A**.

2 Reconfiguration of Eastern Parcel

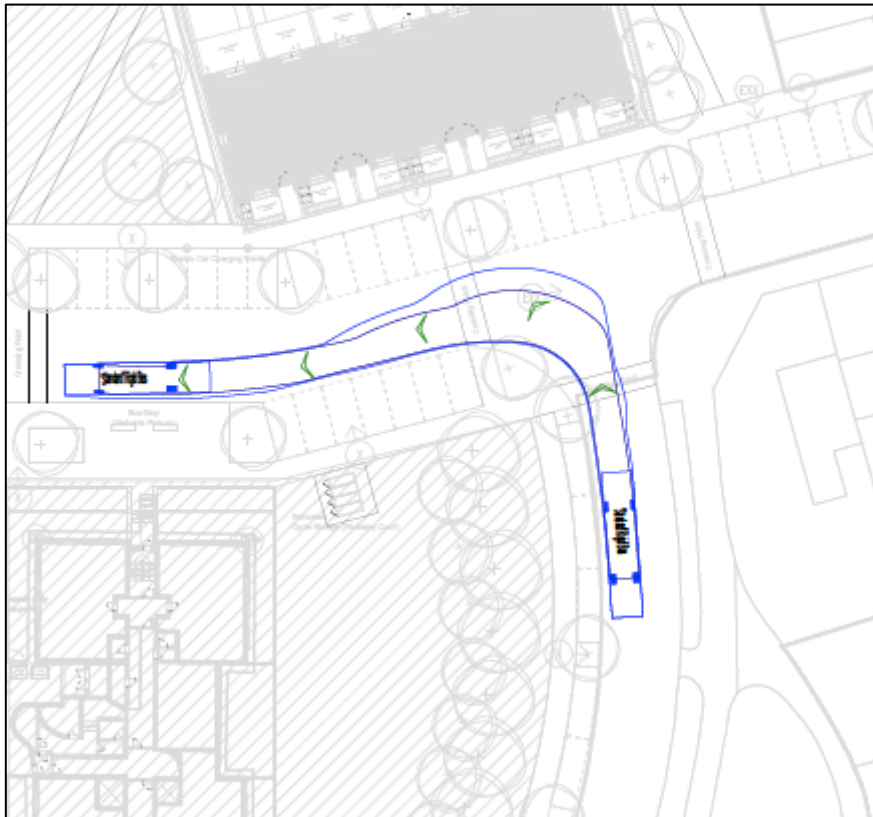
- 2.1 The LHA stated that the swept path analysis of the bus and an oncoming car showed that there was not sufficient space between the vehicles to pass on the 90 degree bend located within the site.
- 2.2 As a result, the geometry of the carriageway has been altered to provide a wider kerb line, which allows the vehicles to pass. The swept path analysis is illustrated on **Figure 2.1** below, with the full drawing included as on **Drawing A115865-SPA08 Rev G** at **Appendix B**.

Figure 2.1 Revised Swept Path Analysis



- 2.3 The raised surface has been omitted in this central area to facilitate bus movements. Instead, contrasting paving is proposed in this area.
- 2.4 The south-eastern crossing point shown on **Figure 2.1** has been moved to avoid conflicting with emergency vehicle access.
- 2.5 At the south-eastern junction, the raised table previously proposed has been omitted, in line with comments by the LHA, as shown on **Figure 2.2**, with a crossing added in its place.

Figure 2.2 Removal of Raised Table at Junction



- 2.6 To the south of the junction, the crossing point has been relocated to align with the footways on the eastern side of Wensley Road, away from the existing speed hump, as shown on **Figure 2.3**.

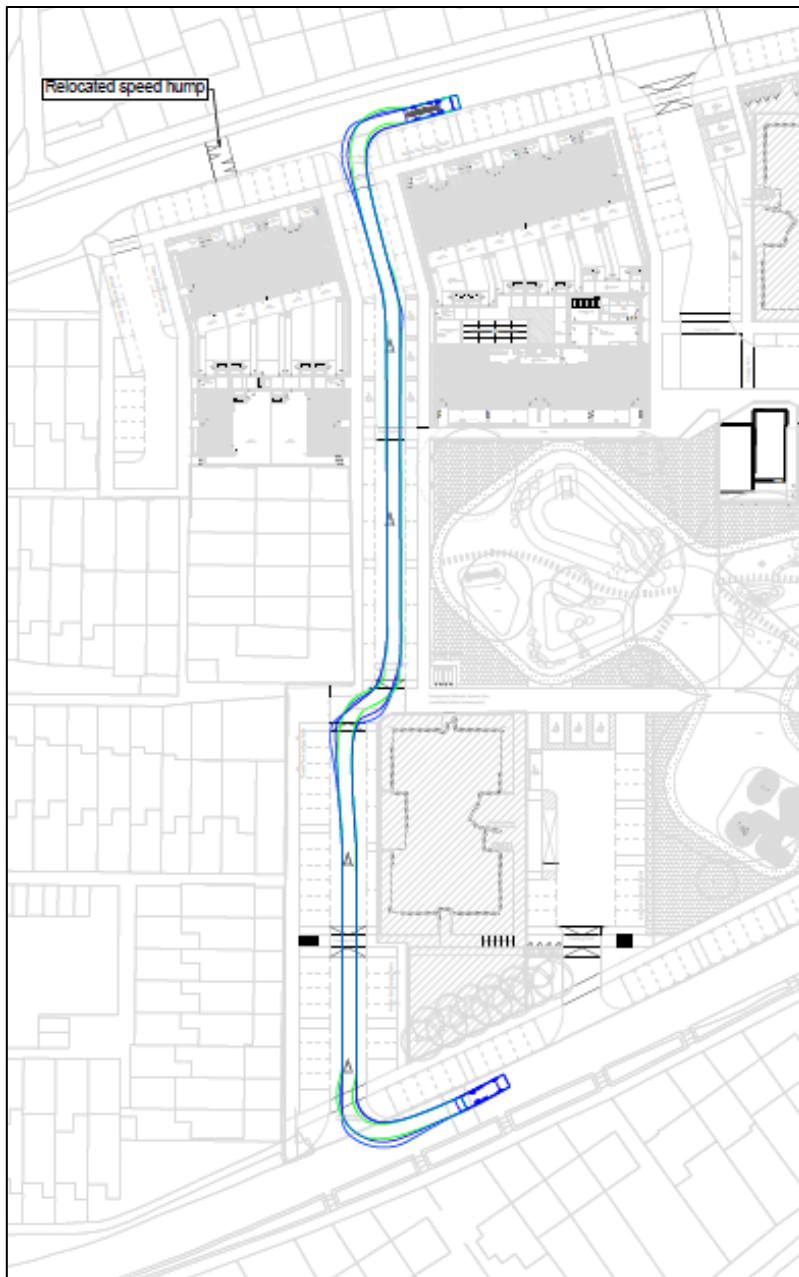
Figure 2.3 Relocation of Crossing Point



3 Reconfiguration of Western Road

- 3.1 Following comments by the LHA, the western access road running north to south through the site has been reconfigured to be a one-way route, from north to south. Amendments have also been made to the crossing points, with a raised crossing and give way markings located at the central crossing point, and dropped kerbs and tactile paving at the northern crossing point.
- 3.2 The raised table that was previously proposed between the two crossing points has been omitted.
- 3.3 A swept path analysis of the western road is shown on **Drawing A115865-SPA07 Rev E** at **Appendix B** and illustrated on **Figure 3.1**.

Figure 3.1 Swept Path Analysis of Western Road



4 Parking

- 4.1 The parking on the western side of the access road has been relocated to accommodate the widened kerb line. The disabled parking bay on the eastern side of the road has been retained to provide access to the adjacent building.
- 4.2 The overall parking provision on site is unchanged from the figures indicated in the Transport Statement submitted with the application, with a total of 230 spaces provided.
- 4.3 A total of 16 disabled parking bays are proposed (compared with 17 in the Transport Statement). The RBC-Revised Parking Standards & Design SPD-2011 states that for residential developments with over 200 spaces, four disabled spaces plus 4% of total capacity should be provided. For 230 spaces, this equates to 13.2 spaces, therefore the 16 spaces proposed are above the minimum standard required.
- 4.4 There will be four disabled bays for each of the three existing tower blocks, and four disabled bays for the four proposed new build wheelchair accessible flats.
- 4.5 There will be 36 electric vehicle charging bays, and the standard parking bay size will be 2.5 x 5m.
- 4.6 Parking on the northern side of the site has been relocated to avoid conflict with the existing speed bump, which will be retained in its current location.



APPENDIX A

REVISED SITE LAYOUT



Legend

- Site Boundary
- Phase Two Boundary (Tower Improvements)

Legend - Unit Types

- 1B1P Flat
- 1B2P Flat
- 2B3P Flat
- 2B4P Flat
- 3B6P House
- 4B7P House

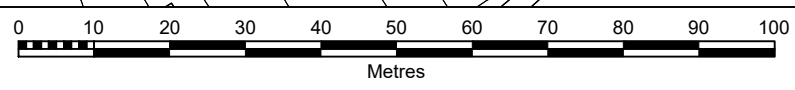
External Lighting Legend

- New 6m Directional Column Luminaire. Arrow indicates direction. Compliant with RBC Transport lighting specification.
- Existing Column Luminaire. Arrow indicates direction. No arrow indicates non directional luminaire. EXR - Remain, EXX - Remove

Note: Refer to external lighting drawing: 07/10/86-HL-XX-XX-GA-E-900-2001 & 2002

Rev	Date	Drawn	Description
A	18/11/19	DEC	Initial Issue
B	02/12/19	PPR	Issue to Consultants
C	20/12/19	PPR	Issue to Consultants
D	16/01/20	RUH	Issue to Transport Consultant
E	22/01/20	RUH	Issue for Planning
F	24/04/20	RUH	Minor Amendment to show proposed street lighting, and existing refuse locations
G	05/05/20	RUH	Minor amendments following statutory consultee responses.
H	18/05/20	RUH	Minor amendments following statutory consultee responses.
J	23/07/20	RUH	Minor amendments following statutory consultee responses.
K	28/07/20	RUH	Minor amendments following statutory consultee responses.

Notes:
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Proposed Site Plan

drawing title Wensley Road, Reading
Reading Borough Council
Wensley Road

client / project

FOR PLANNING

HTA-A_DR_0100

drawing number

Scale 1:1000 @ A3

HTA Design LLP
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London | Edinburgh | Manchester | Bristol



RBC-WLR

project number

RUH

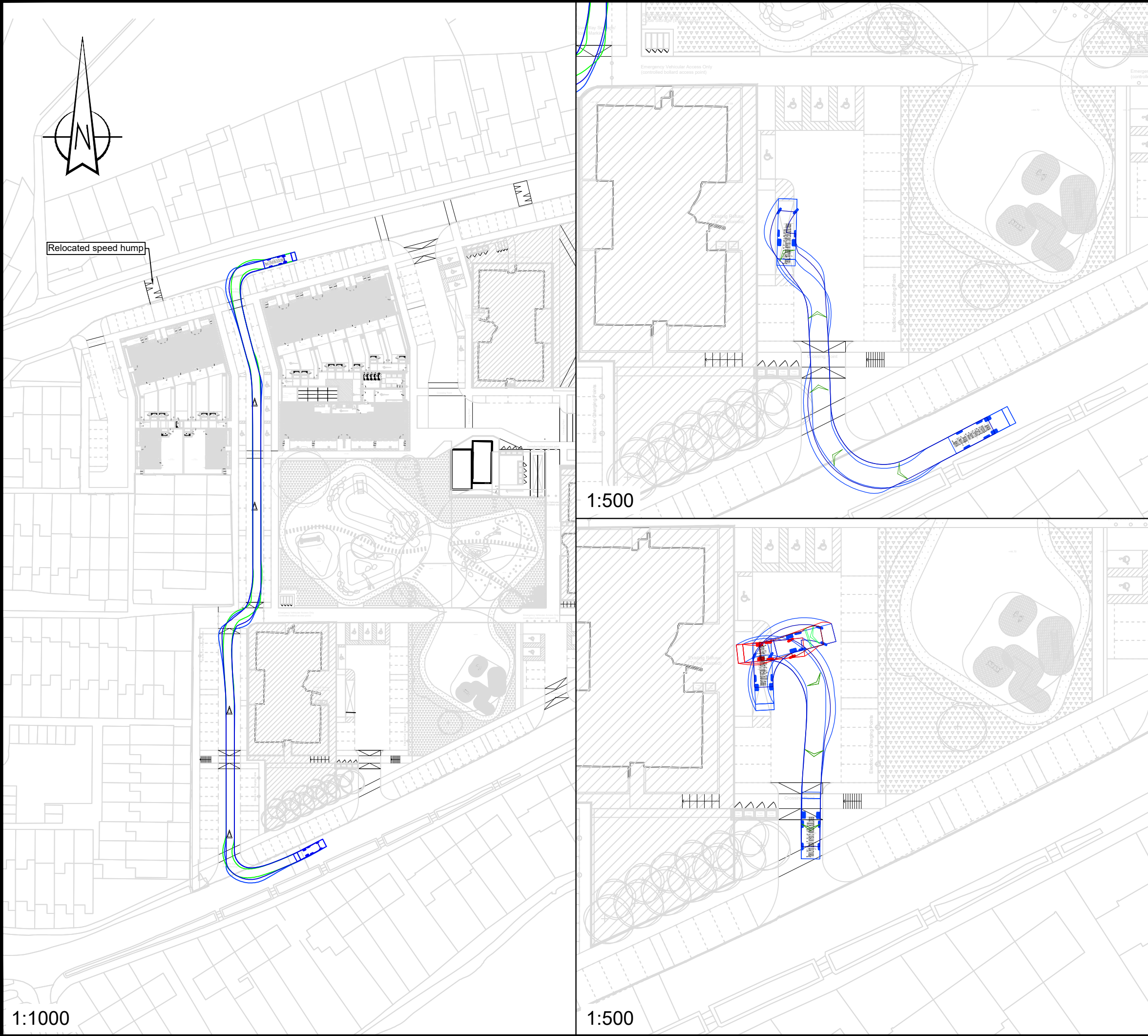
originated by



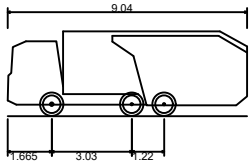


APPENDIX B

SWEPT PATH ANALYSIS



- NOTES:
- DO NOT SCALE FROM THIS DRAWING.
 - THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 - THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 - ALL DIMENSIONS ARE SHOWN IN METERS, UNLESS SPECIFIED OTHERWISE.



Phoenix 2 High Capacity Twin Pack 15 (with Elite 2 6x2ML chassis)
Overall Length 9.04m
Overall Width 2.50m
Overall Body Height 3.20m
Min Body Ground Clearance 0.41m
Track Width 2.50m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 7.800m

E	Updated Following Revised Layout	GS	SW	28.07.20
D	Updated Following Revised Layout	GS	SW	23.07.20
C	Updated Following Revised Layout	BM	AP	18.05.20
B	Updated Following Revised Layout	BM	AP	15.05.20
A	Minor Amendments	GS	MA	15.01.20
-	First Issue	GS	MA	08.01.20
REV	DETAILS	DRAWN	CHECKED	DATE

CLIENT:
Reading Borough Council

PROJECT:
Wensley Road, Reading

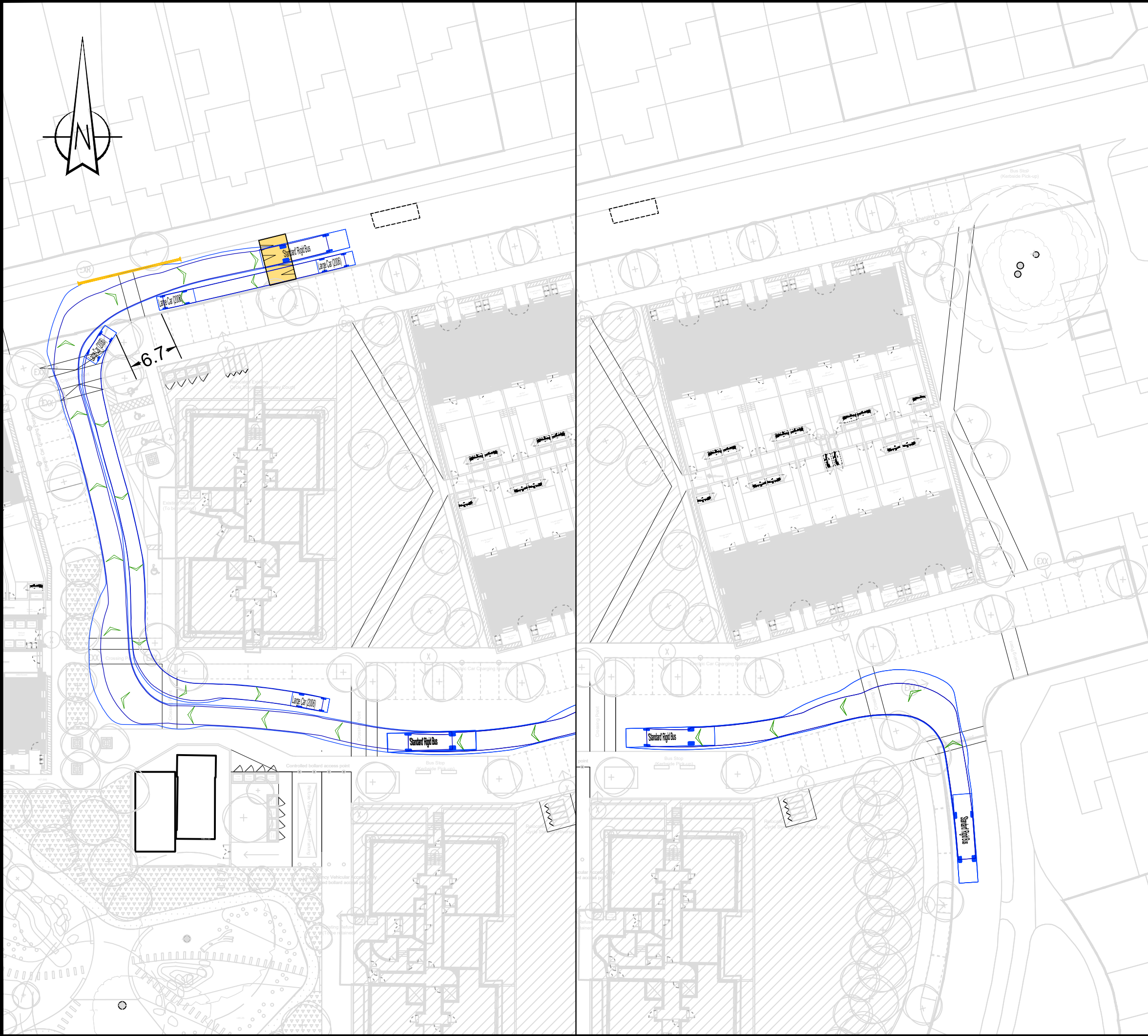
DRAWING TITLE:
**Swept Path Analysis:
Refuse Vehicle**

SCALES: -		SHEET SIZE: A3	
DRAWN: GS	CHECKED: MA	DATE: 08.01.20	

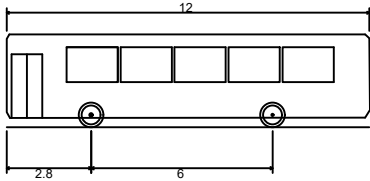
WYG Transport
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DRAWING NUMBER: A115865-SPA07	REVISION: E
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- NOTES:
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'Standard' Rigid Bus	12.000m
Overall Length	2.550m
Overall Width	3.069m
Overall Body Height	0.309m
Min Body Ground Clearance	2.350m
Track Width	4.00s
Lock to lock time	10.771m
Wall to Wall Turning Radius	

G	Updated Following Revised Layout	GS	SW	23.07.20
F	Updated Following Revised Layout	GS	SW	21.07.20
E	Updated Following Revised Layout	GS	SW	16.07.20
D	Updated Following Revised Layout	GS	SW	02.07.20
C	Updated following LHA comments	GS	SW	26.06.20
B	Updated Following Revised Layout	GS	SW	17.06.20
A	Updated Following Revised Layout	BM	AP	18.05.20
-	First Issue	BM	AP	15.05.20
REV	DETAILS	DRAWN	CHECKED	DATE

CLIENT:
Reading Borough Council

PROJECT:
Wensley Road, Reading

DRAWING TITLE:
Swept Path Analysis: Bus

SCALES:	1:500	SHEET SIZE:	A3
DRAWN:	BM	CHECKED:	AP
		DATE:	15.05.20

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DRAWING NUMBER:	REVISION:
A115865-SPA08	G