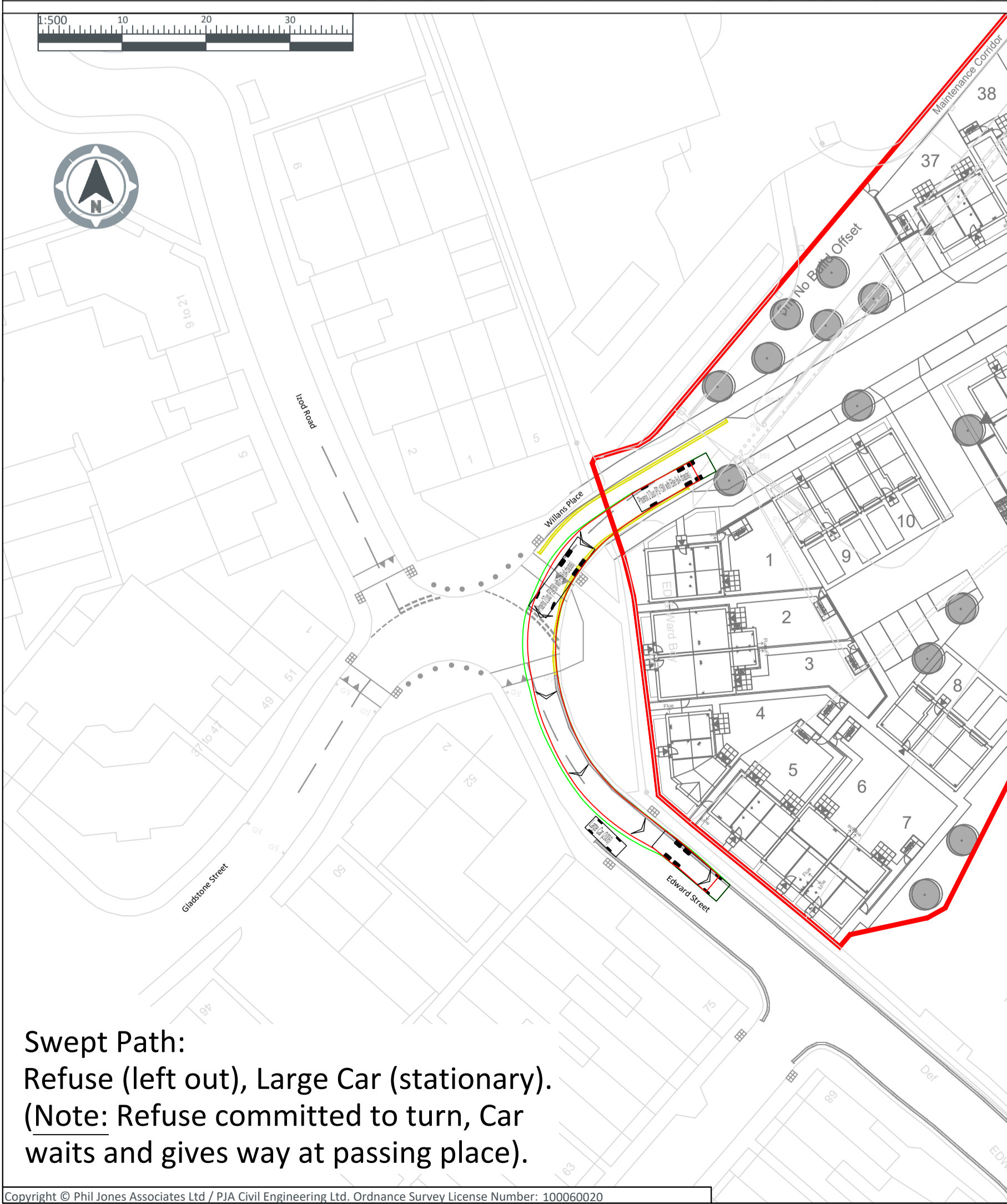
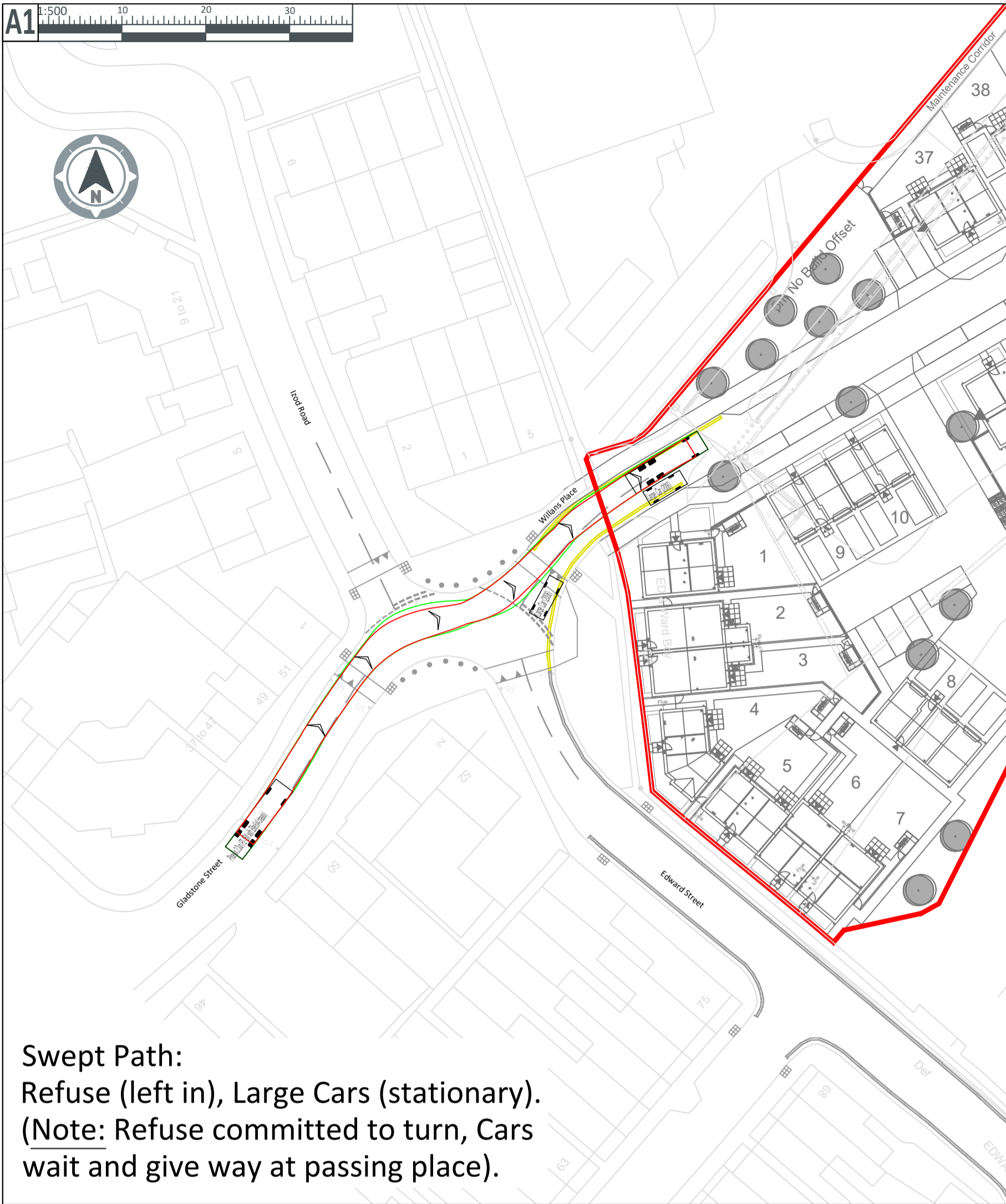
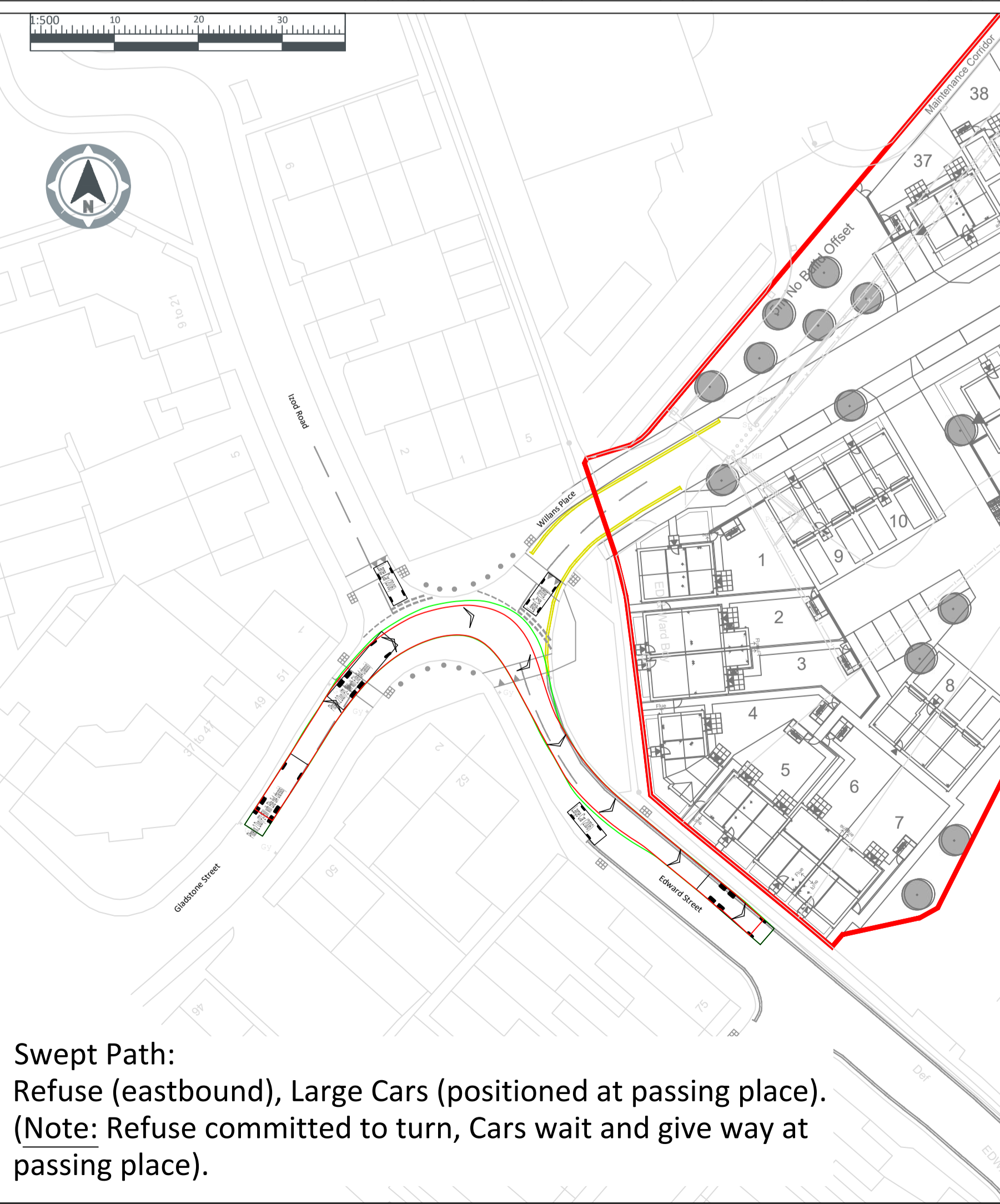
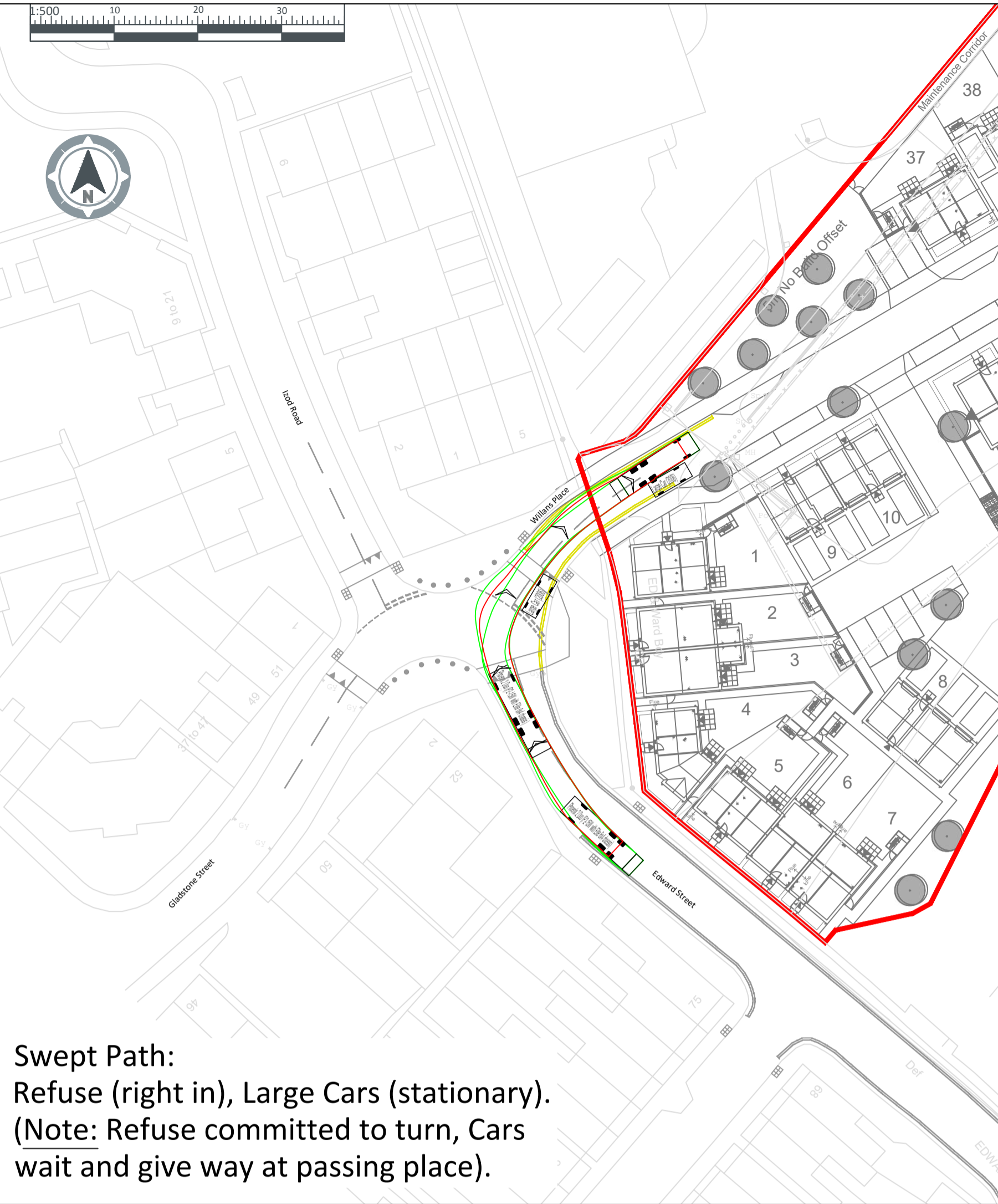


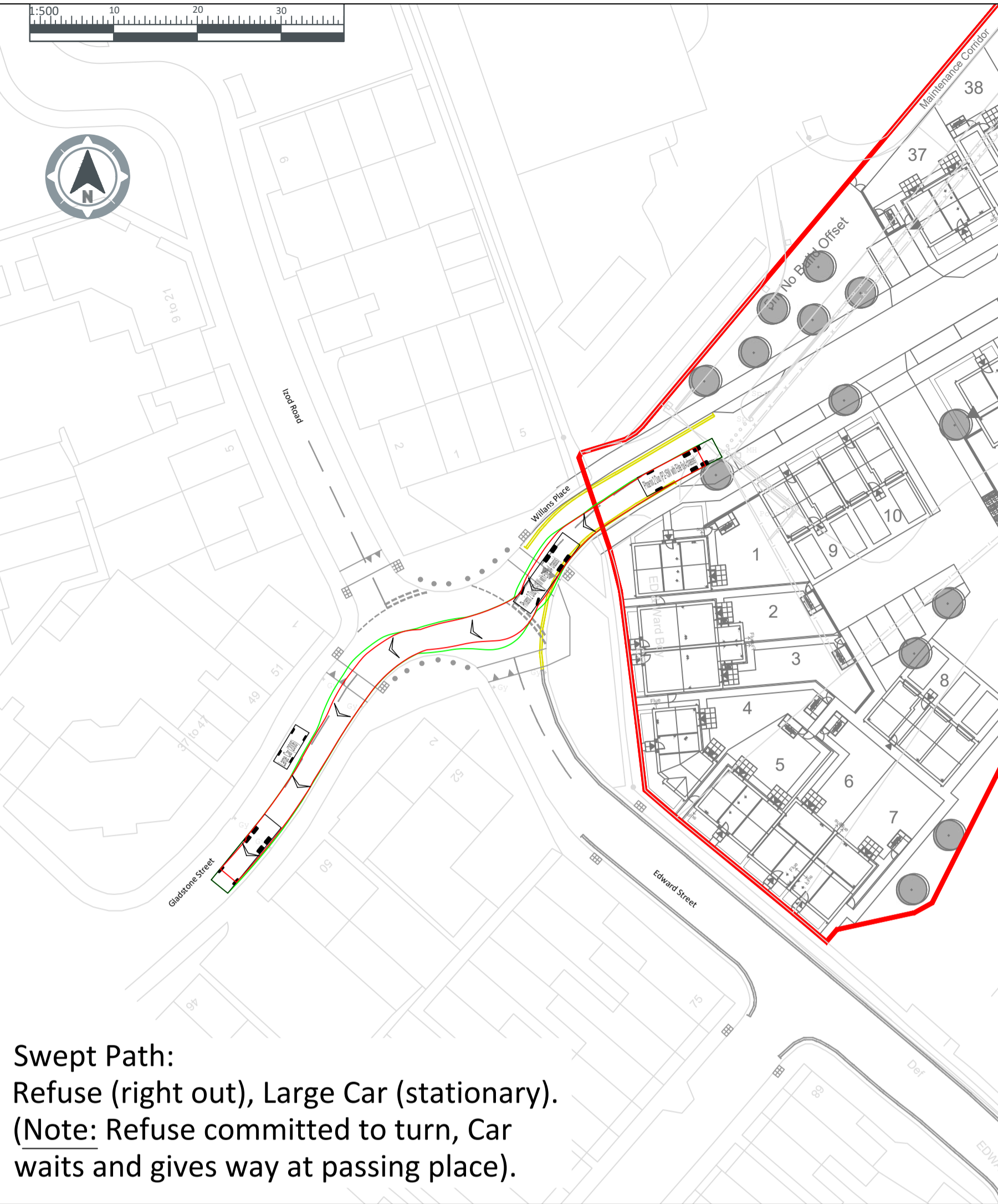
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Swept Path:
Refuse (left out), Large Car (stationary).
(Note: Refuse committed to turn, Car waits and gives way at passing place).



Swept Path:
Refuse (eastbound), Large Cars (positioned at passing place).
(Note: Refuse committed to turn, Cars wait and give way at passing place).



Swept Path:
Refuse (right out), Large Car (stationary).
(Note: Refuse committed to turn, Car waits and gives way at passing place).

Notes

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European Design Vehicles

Small Sized Vehicles

- Large Car (2006)

Large Size Vehicles

- Refuse vehicle - Phoenix 2 Duo Recycler (P2-15W with Elite 6x4 chassis) *
- Delivery vehicle - Pantechnicon / removals van (11m)

British Design Vehicles

Medium Sized Vehicles

- Emergency vehicle - DB32 Fire Appliance *

* design vehicles to be confirmed with the client, local authority, emergency services etc and alternative vehicles may need to be used.

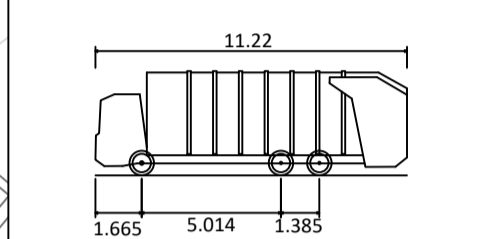
- Vehicles have been assessed at 10mph (except for refuse right in, refuse right out, pantechnicon right out and fire tender right out which have been tracked at 5mph) for turning movements through the junction. The assessment aims to achieve a minimum of 0.25m from kerb / channel lines.
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 - Large and medium sized vehicles take priority through the junction whilst small sized vehicles are to wait at passing places shown.
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 - Assumed vehicles will provide space for emergency vehicle entry unopposed, considered to be an infrequent occurrence.
 - Assessment included for refuse and large car, considered to be an infrequent combination.
 - Assessment included for pantechnicon and large car, considered to be an infrequent combination.
 - Assessment included for fire tender and large car, considered to be an infrequent combination.
 - medium and larger vehicle movements into and out of the access junction intrude into opposing lanes. The vehicle movements of these large vehicles are predicted to be infrequent and gaps in the traffic will need to be negotiated to carry out the movements into or out of the access junction. 250mm clearance to channel lines allows additional space where passing of larger vehicles is tight.
- The design criteria and philosophy is subject to highway authority agreement and Road Safety Audit.

CDM Note
These drawings have been produced with reference to the CDM Regulations 2015.
Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9.

Key

- Site Boundary
- Proposed Road Marking
- Existing Road Marking
- Existing Kerbline
- Existing Bollards
- Existing Road Marking Arrows
- Existing Tactile Paving (Uncontrolled)

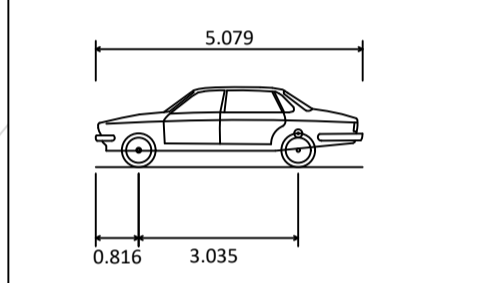
Phoenix 2 Duo (P2-15W with Elite 6x4 chassis)



Phoenix 2 Duo Recycler (P2-15W with Elite 6x4 chassis)

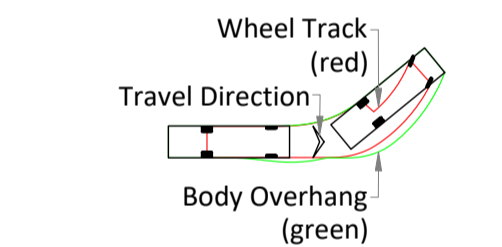
Overall Length 11.220m
Overall Width 1.872m
Overall Body Height 3.756m
Track Width 1.309m
Min Body Ground Clearance 2.530m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 11.550m

Large Car (2006)



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 5.300m

Typical Vehicle Track



Rev	Date	Revision Note	Drw	Chk	App
P02	23/01/2024	Notes updated	JAL	AN	JW
P01	12/01/24	FIRST ISSUE	RJ	AN	JW

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Client
St. Modwen Homes

Project
Land North of Rounds Gardens Rugby

Title
Highway Improvement Works West Tracking Sheet 1 of 3

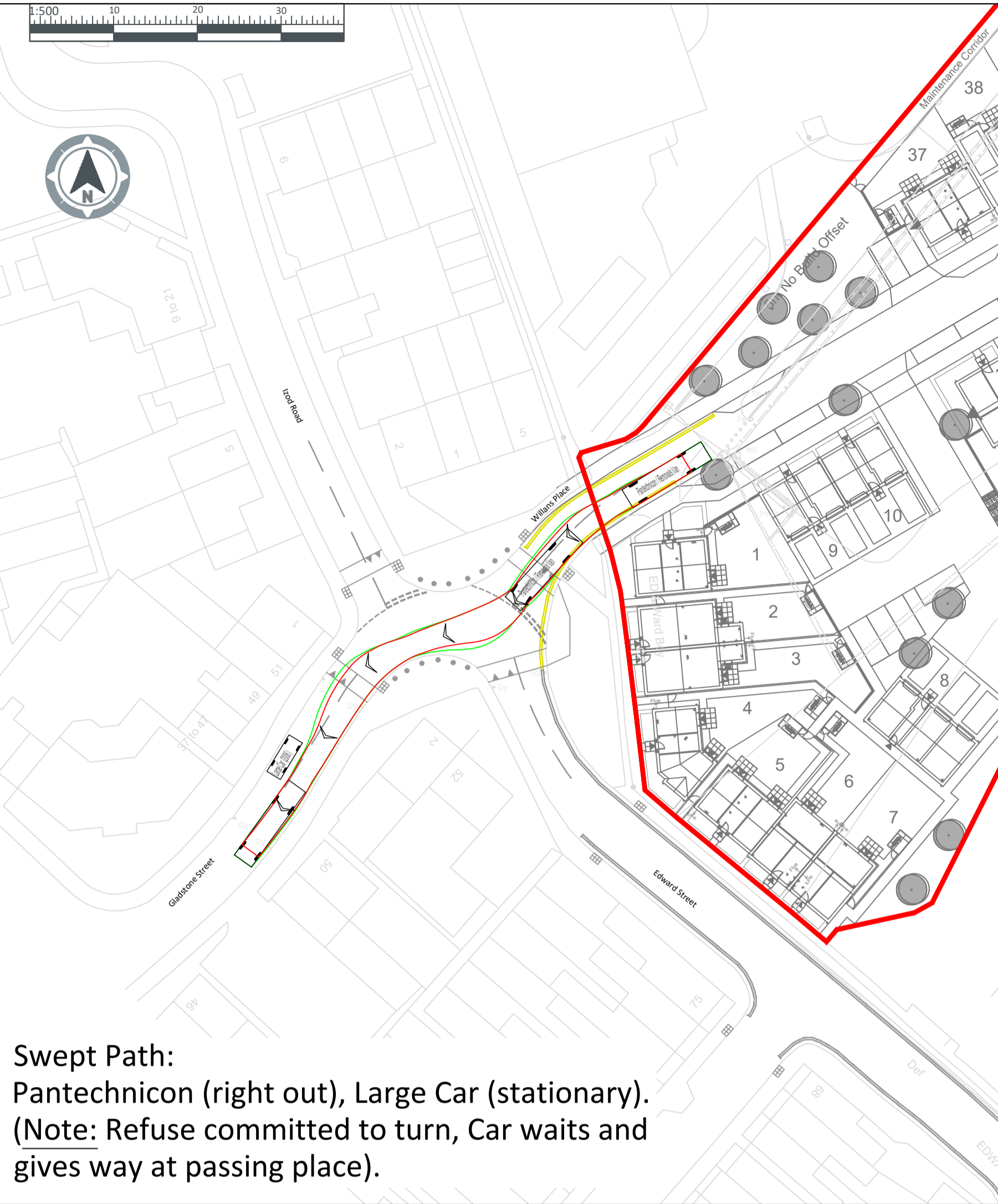
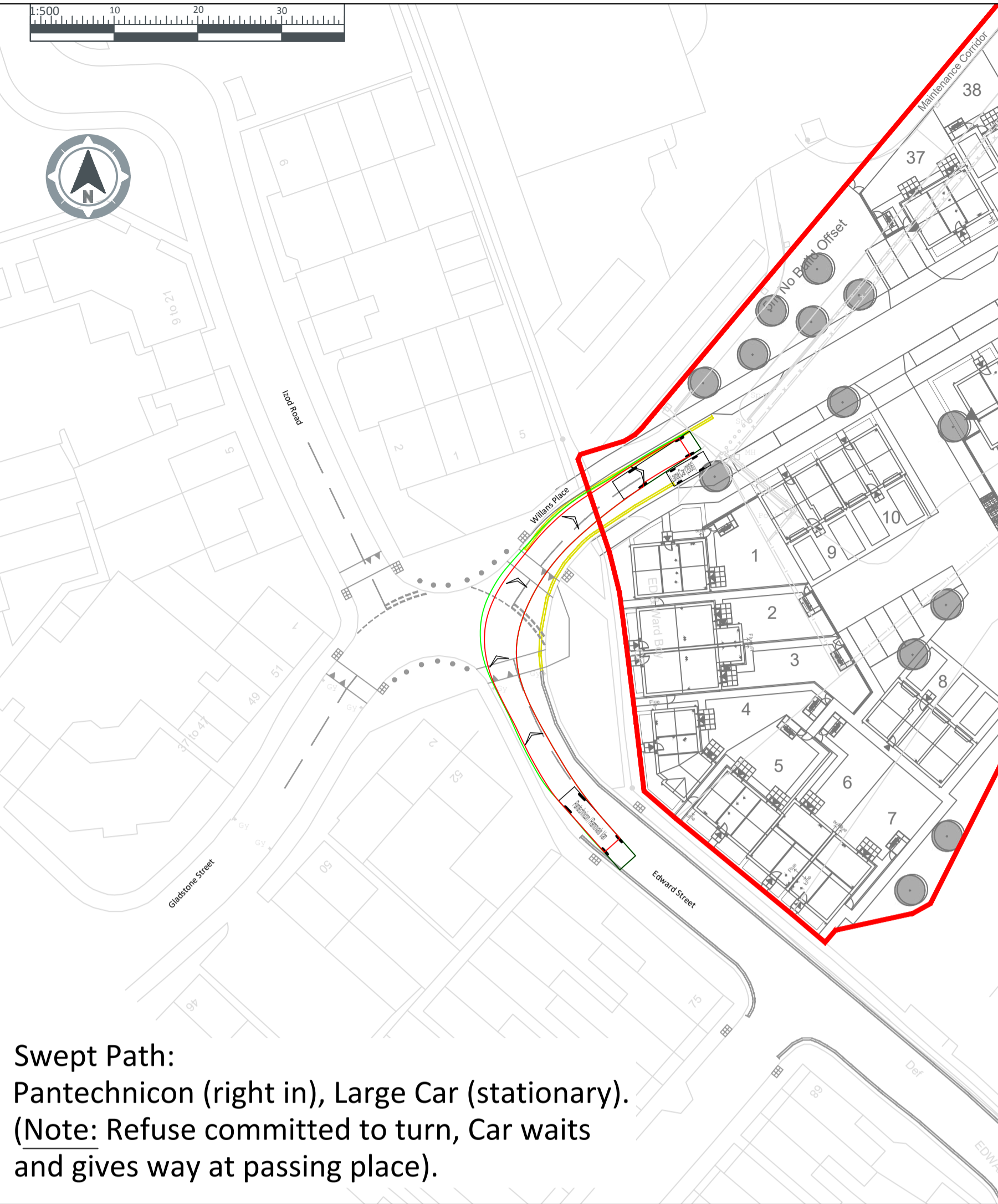
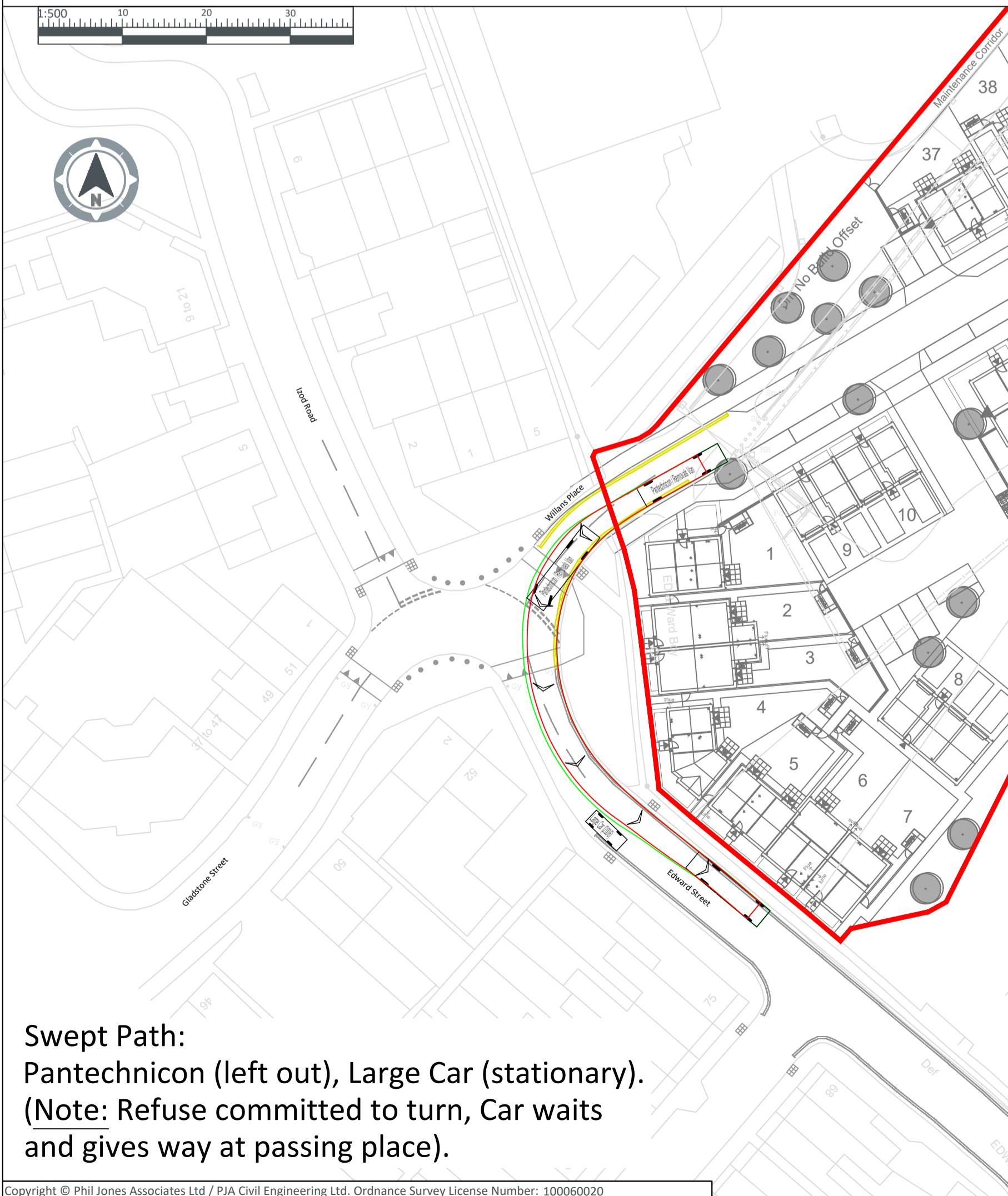
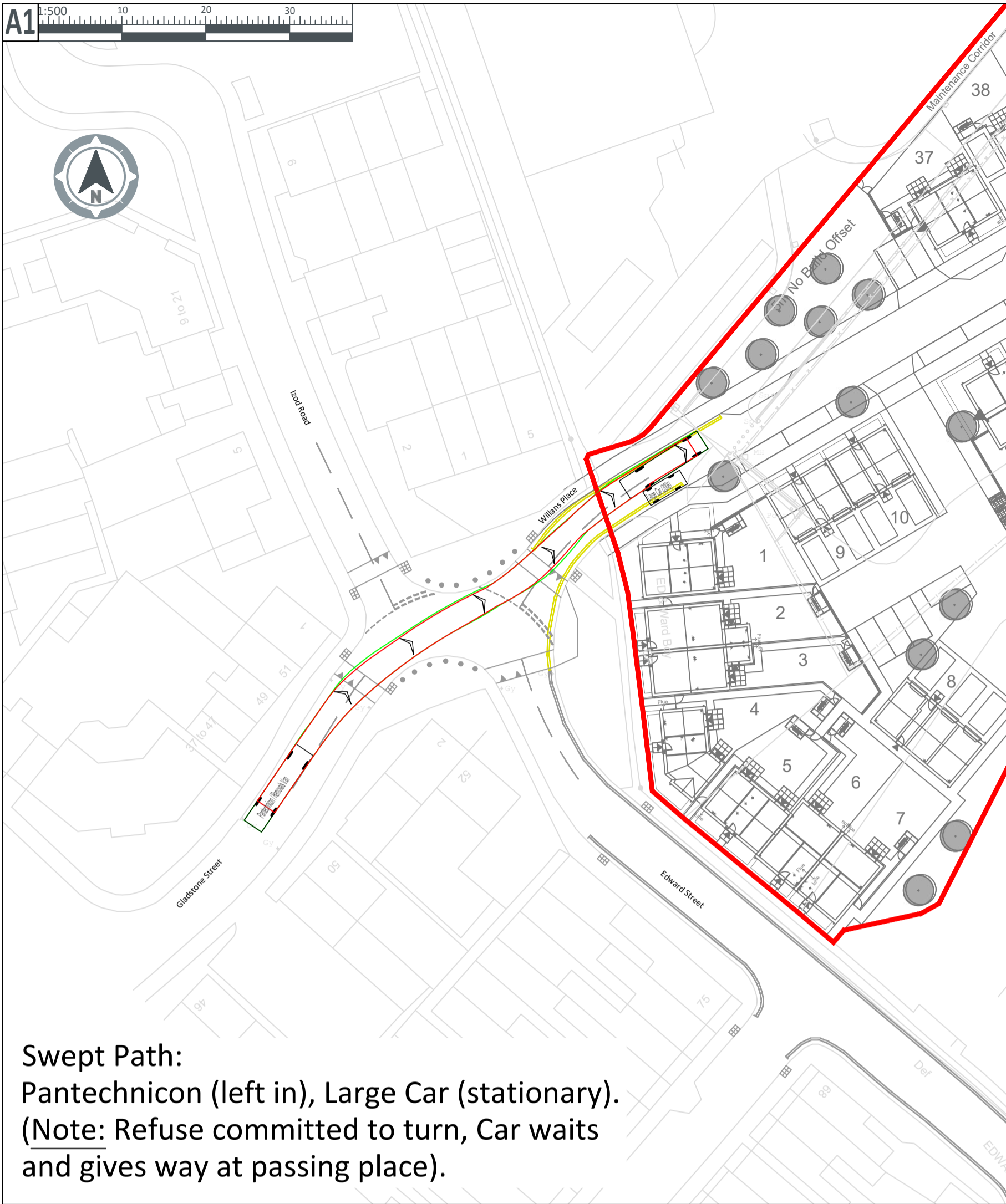
Drawing Issue Status
For Information

PJA Ref 05554/F Scale @ A1 1:500 Date 12/01/2024

Drawing No. 05554-CI-F-0060 Revision P02

Primary Contact
Joe.wooldridge@pja.co.uk

File name C:\PIA\PHIL JONES ASSOCIATES\SHARED\DATA - 05554 NEWBOLD RUGBY\05554-8-ENG\2 - DESIGN\DRAWINGS\CURRENT\05554-CI-F-0061 HIGHWAY IMPROVEMENT WORKS WEST TRACKING SHEET 2 OF 3.DWG, printed on 23/01/2024 08:56:36, by Jack Link



Notes

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European Design Vehicles

Small Sized Vehicles

- Large Car (2006)

Large Size Vehicles

- Refuse vehicle - Phoenix Duo 2 Recycler (P2-15W with Elite 6x4 chassis) *
- Delivery vehicle - Pantechnicon / removals van (11m)

British Design Vehicles

Medium Sized Vehicles

- Emergency vehicle - DB32 Fire Appliance *

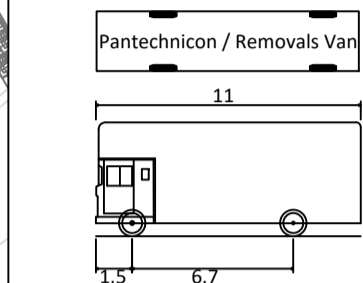
* design vehicles to be confirmed with the client, local authority, emergency services etc and alternative vehicles may need to be used.

- Vehicles have been assessed at 10mph (except for refuse right in, refuse right out, pantechnicon right out and fire tender right out which have been tracked at 5mph) for turning movements through the junction. The assessment aims to achieve a minimum of 0.25m from kerb / channel lines.
- Design approach/summary/assumptions:
 - Large and medium sized vehicles take priority through the junction whilst small sized vehicles are to wait at passing places shown.
 - All vehicles have been tracked at 10mph (except for refuse right in, refuse right out, pantechnicon right out and fire tender right out which have been tracked at 5mph).
 - Assumed vehicles will provide space for emergency vehicle entry unopposed, considered to be an infrequent occurrence.
 - Assessment included for refuse and large car, considered to be an infrequent combination.
 - Assessment included for pantechnicon and large car, considered to be an infrequent combination.
 - Assessment included for fire tender and large car, considered to be an infrequent combination.
 - medium and larger vehicle movements into and out of the access junction intrude into opposing lanes. The vehicle movements of these large vehicles are predicted to be infrequent and gaps in the traffic will need to be negotiated to carry out the movements into or out of the access junction. 250mm clearance to channel lines allows additional space where passing of larger vehicles is tight.
- The design criteria and philosophy is subject to highway authority agreement and Road Safety Audit.

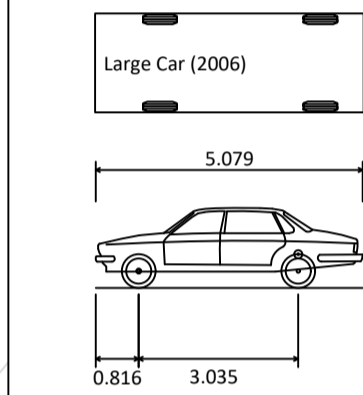
CDM Note
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Key

- Site Boundary
- Proposed Road Marking
- Existing Road Marking
- Existing Kerblines
- Existing Bollards
- Existing Road Marking Arrows
- Existing Tactile Paving (Uncontrolled)

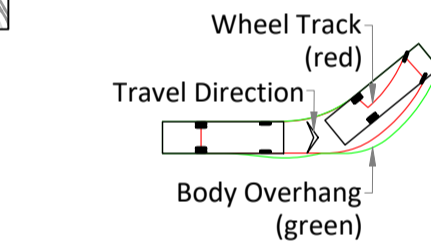


Pantechnicon / Removals Van
Overall Length 11.000m
Overall Width 2.500m
Overall Body Height 4.730m
Min Body Ground Clearance 0.541m
Track Width 2.500m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 12.200m



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 2.331m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 5.900m

Typical Vehicle Track



Rev	Date	Revision Note	Drw	Chk	App
P02	23/01/2024	Notes updated	JAL	AN	JW
P01	12/01/24	FIRST ISSUE	RJ	AN	JW

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Client
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Project
Land North of Rounds Gardens Rugby

Title
Highway Improvement Works West Tracking Sheet 2 of 3

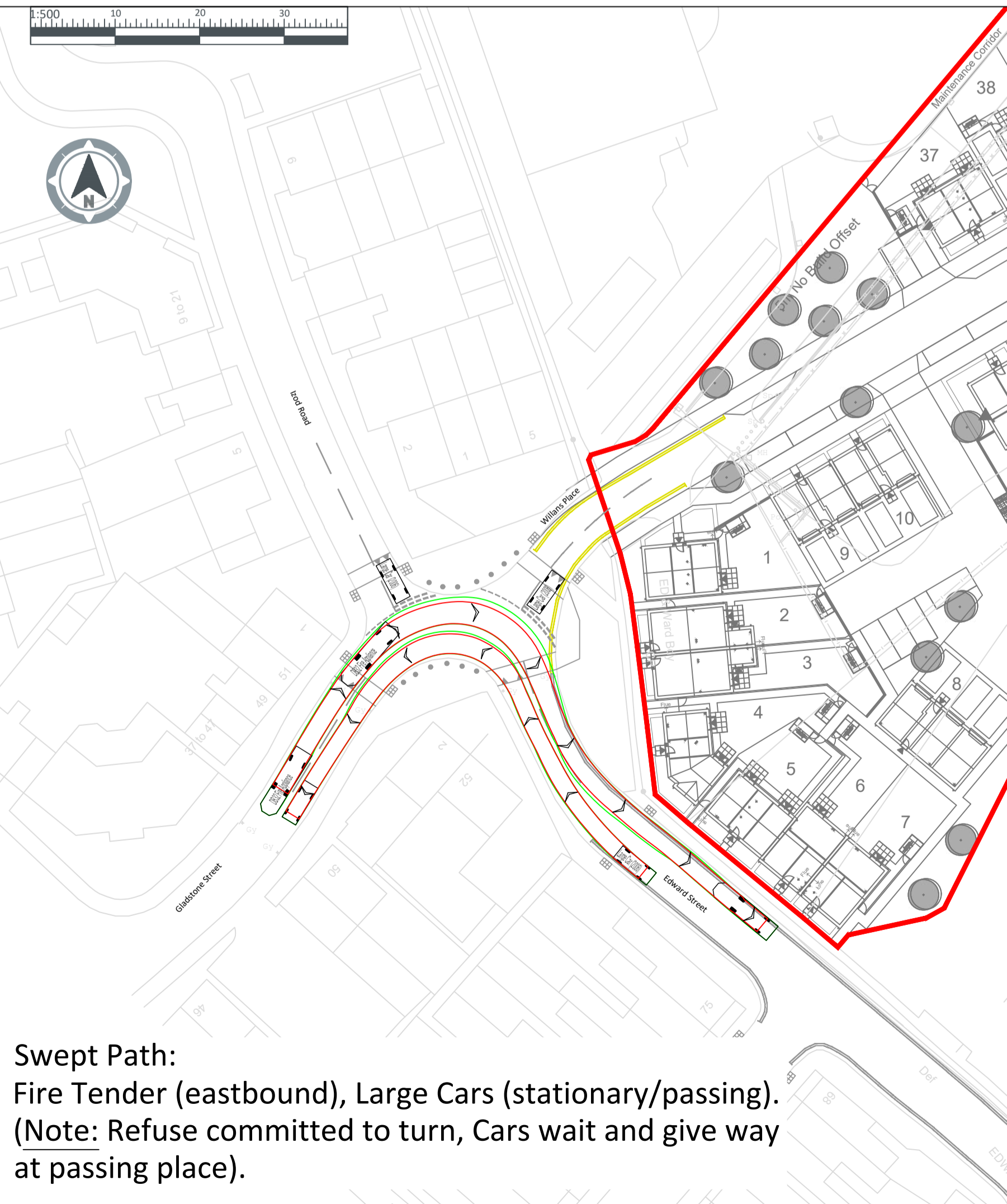
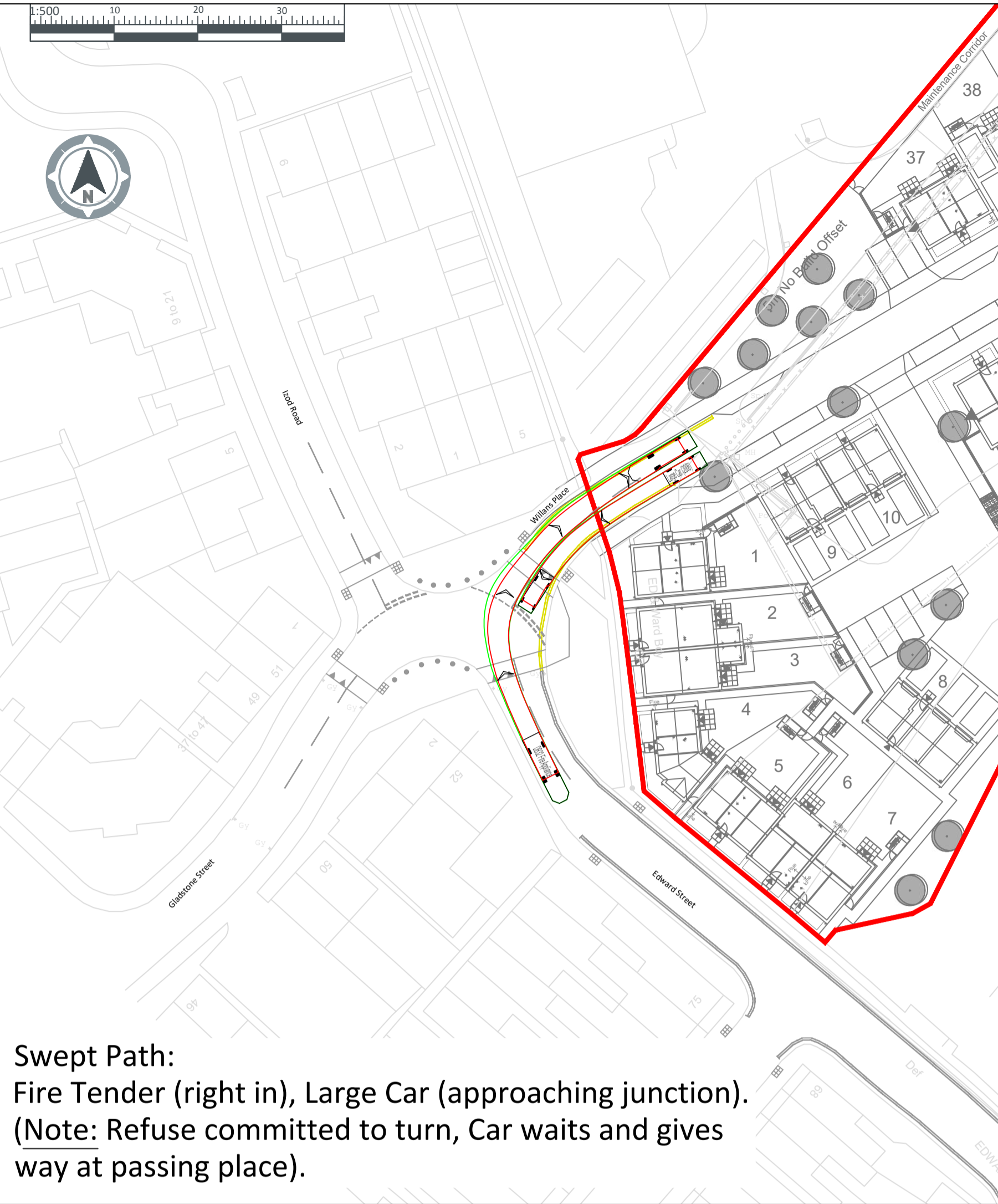
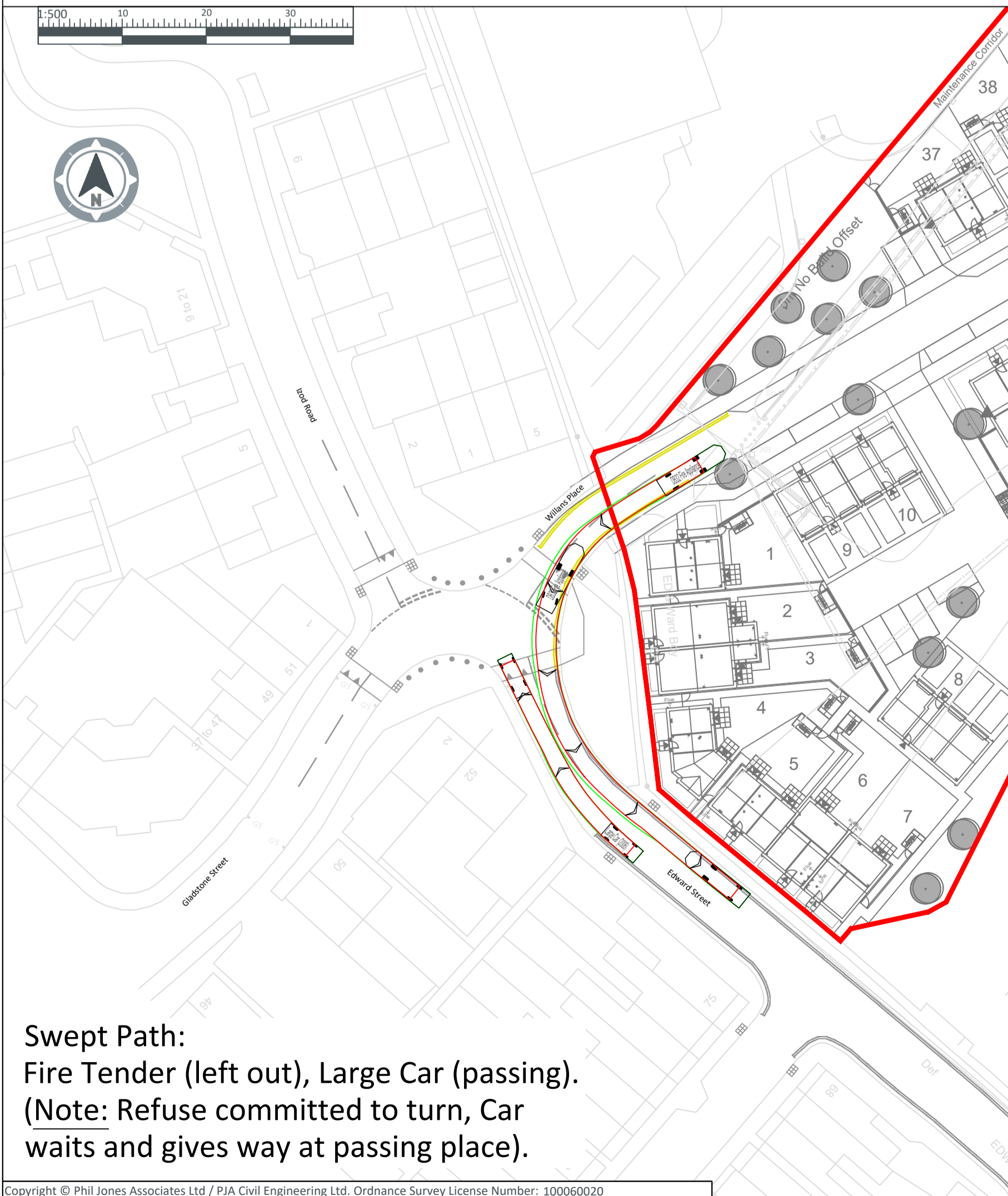
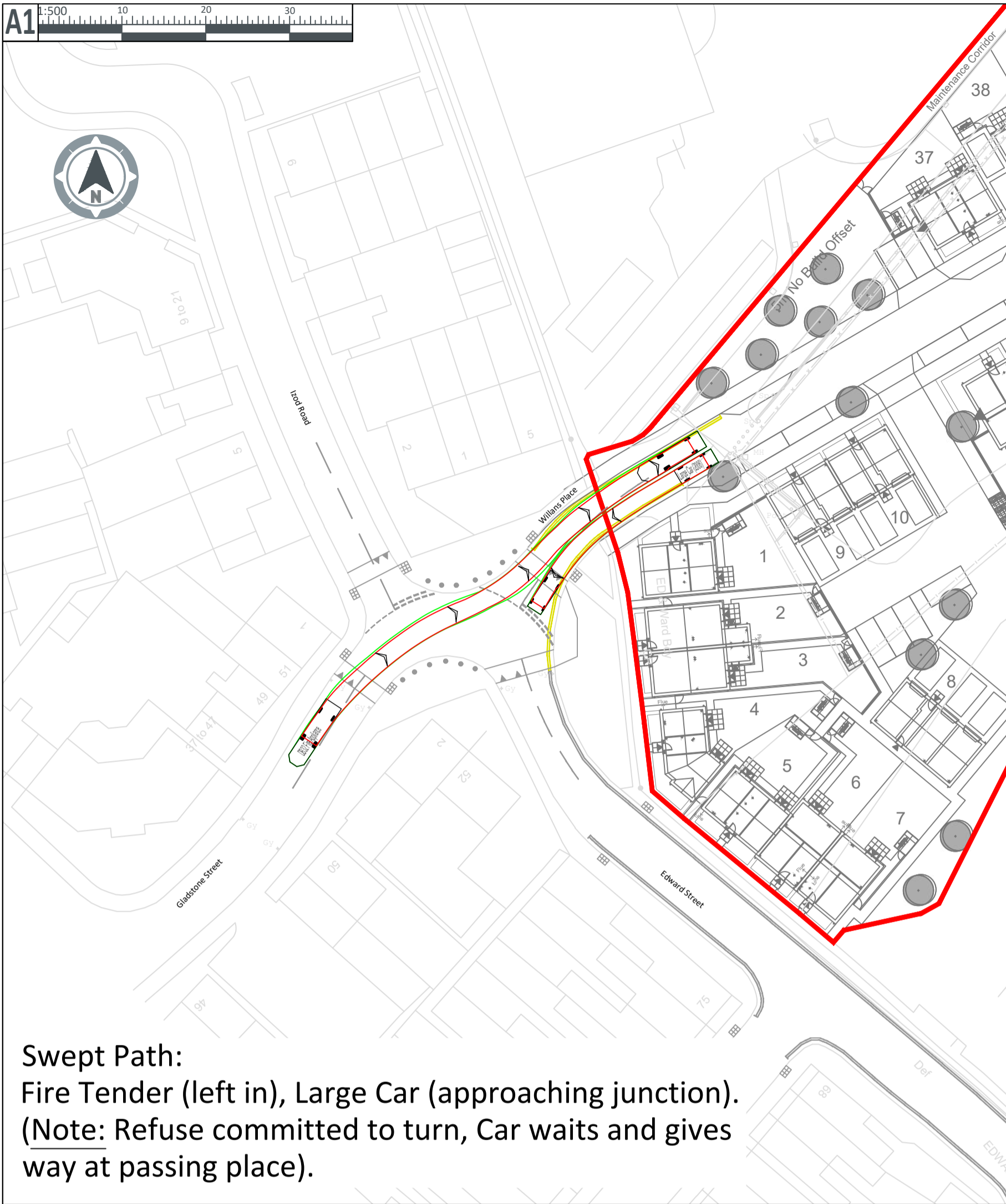
Drawing Issue Status
For Information

PJA Ref 05554/F Scale @ A1 1:500 Date 12/01/2024

Drawing No. 05554-CI-F-0061 Revision P02

Primary Contact
Joe.wooldridge@pja.co.uk

File name C:\PIA\PHIL JONES ASSOCIATES\SHARED\DATA - 05554-NEWBOLD RUGBY\05554-8-ENG\2 - DESIGN\DRAWINGS\CURRENT\05554-CI-F-0062-HIGHWAY IMPROVEMENT WORKS WEST TRACKING SHEET 3 OF 3.DWG, printed on 23/01/2024 08:56:54, by Jack Link



Notes

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European Design Vehicles

Small Sized Vehicles

- Large Car (2006)

Large Size Vehicles

- Refuse vehicle - Phoenix Duo 2 Recycler (P2-15W with Elite 6x4 chassis) *

- Delivery vehicle - Pantechnicon / removals van (11m)

British Design Vehicles

Medium Sized Vehicles

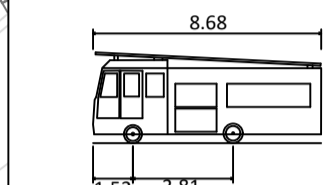
- Emergency vehicle - DB32 Fire Appliance *

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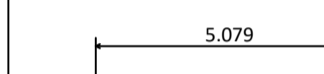
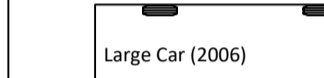
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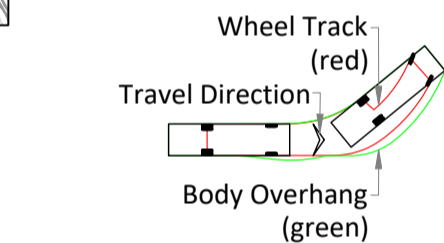


DB32 Fire Appliance
Overall Length 8.680m
Overall Width 2.180m
Overall Body Height 3.452m
Min Body Ground Clearance 0.537m
Max Track Width 2.121m
Lock to lock time 6.80s
Kerb to Kerb Turning Radius 7.910m



Large Car (2006)
Overall Length 5.079m
Overall Width 1.872m
Overall Body Height 1.535m
Min Body Ground Clearance 0.310m
Max Track Width 1.831m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 5.900m

Typical Vehicle Track



Rev	Date	Revision Note	Drw	Chk	App
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P01	12/01/24	FIRST ISSUE	RJ	AN	JW

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Client
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Project
Land North of Rounds Gardens Rugby

Title
Highway Improvements Works West Tracking Sheet 3 of 3

Drawing Issue Status
For Information

PJA Ref 05554/F Scale @ A1 1:500 Date 12/01/2024

Drawing No. 05554-CI-F-0062 Revision P02

Primary Contact
Joe.wooldridge@pja.co.uk