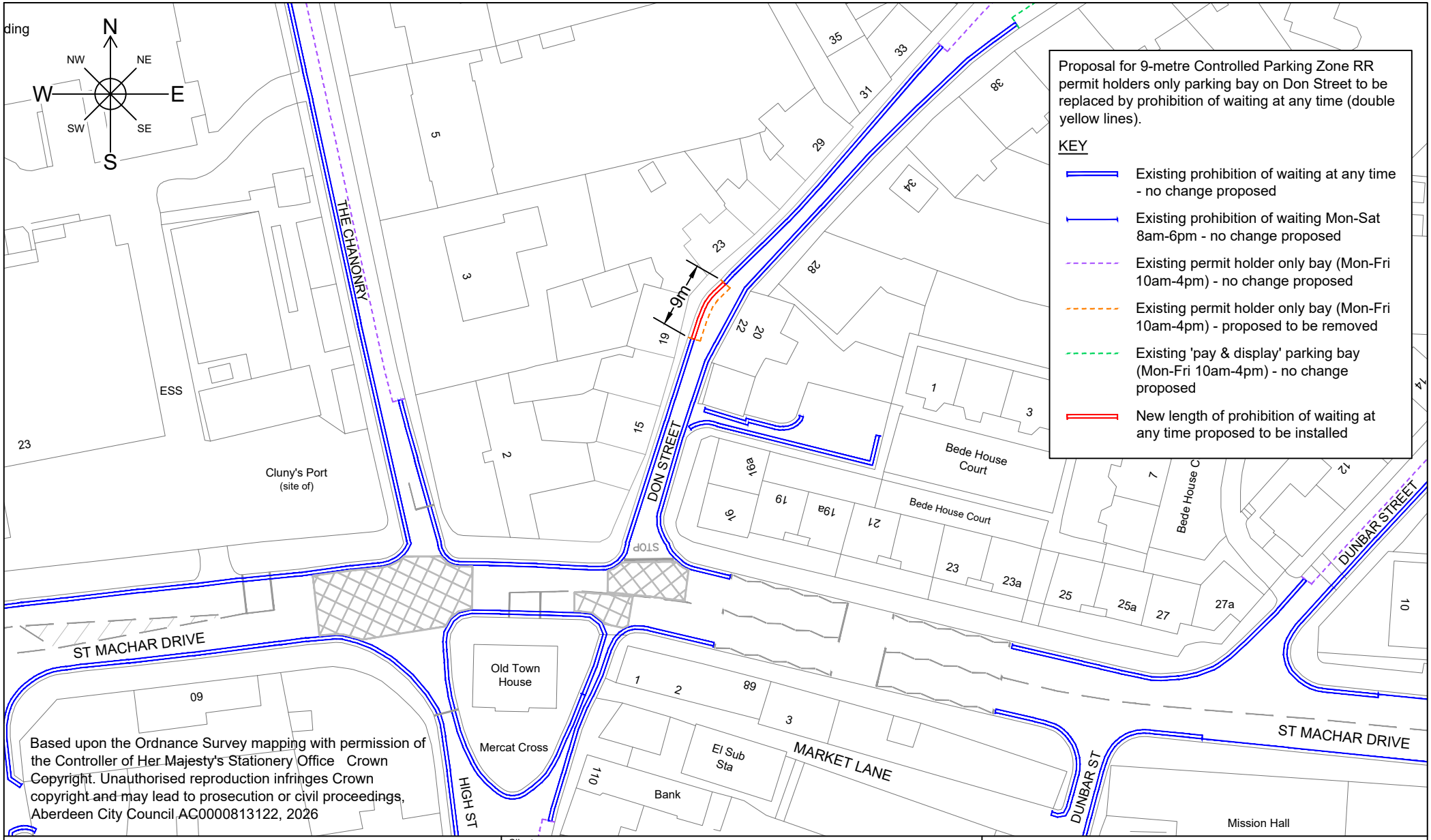


ABERDEEN CITY COUNCIL

Operations and Protective Services
Traffic Management and Road Safety

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Client	ABERDEEN CITY COUNCIL
Project	Traffic Management Proposals (Q4-26)
Description	Issued for consultation

Originator	Checked	Approved	Date	Scale	Project Number	Sheet size
KW	GM	VR	15/10/26	1:750	-	A4

Drawing Title: The Aberdeen City Council (Old Aberdeen, Sunnybank, Tillydrone and Seaton) (On-Street Parking Places, Waiting Restrictions and Associated Traffic Management) (Amendment) Order 202_

Drawing Number	Sheet No.	Revision
-	1/3	0

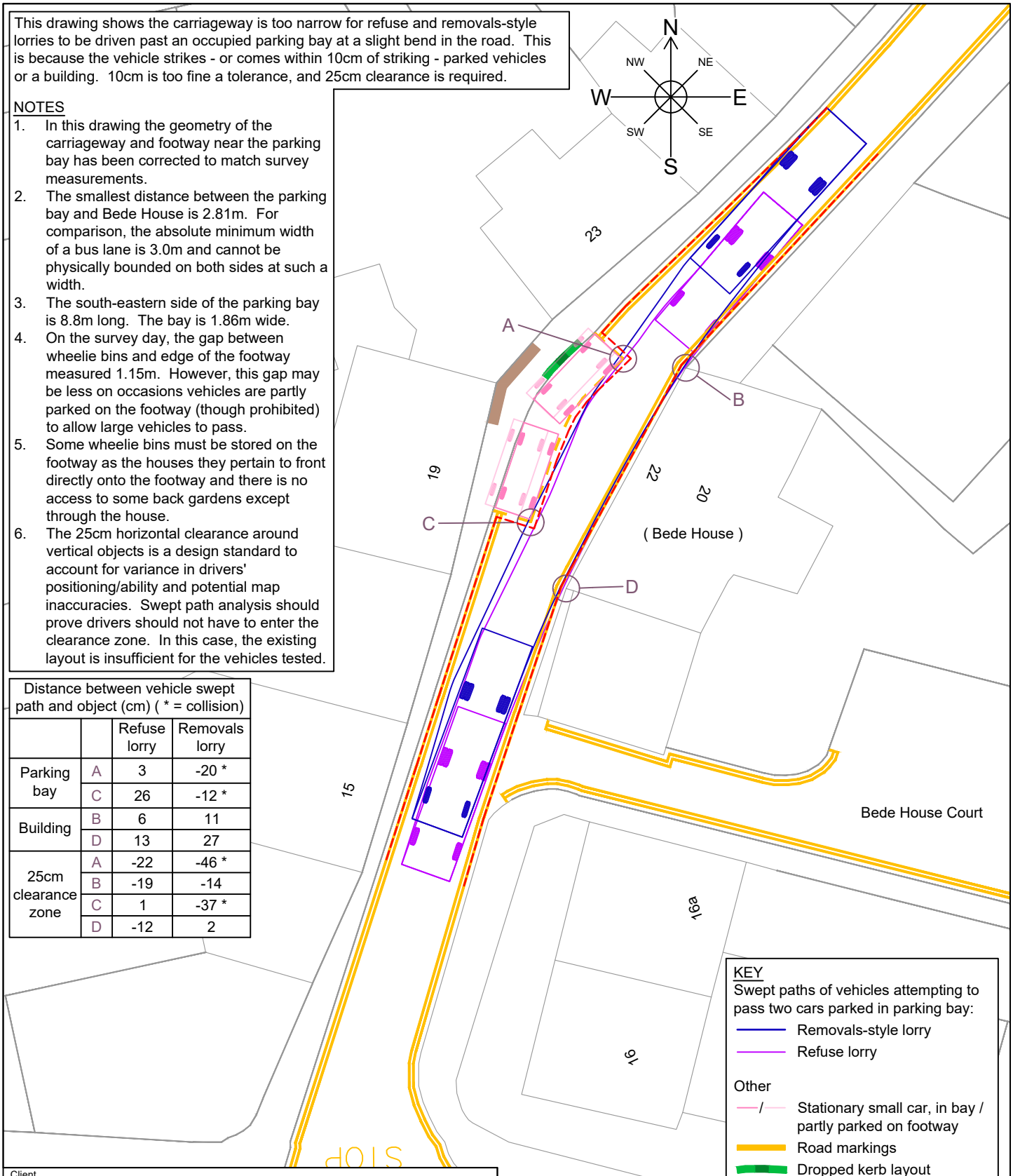
This drawing shows the carriageway is too narrow for refuse and removals-style lorries to be driven past an occupied parking bay at a slight bend in the road. This is because the vehicle strikes - or comes within 10cm of striking - parked vehicles or a building. 10cm is too fine a tolerance, and 25cm clearance is required.

NOTES

1. In this drawing the geometry of the carriageway and footway near the parking bay has been corrected to match survey measurements.
2. The smallest distance between the parking bay and Bede House is 2.81m. For comparison, the absolute minimum width of a bus lane is 3.0m and cannot be physically bounded on both sides at such a width.
3. The south-eastern side of the parking bay is 8.8m long. The bay is 1.86m wide.
4. On the survey day, the gap between wheelie bins and edge of the footway measured 1.15m. However, this gap may be less on occasions vehicles are partly parked on the footway (though prohibited) to allow large vehicles to pass.
5. Some wheelie bins must be stored on the footway as the houses they pertain to front directly onto the footway and there is no access to some back gardens except through the house.
6. The 25cm horizontal clearance around vertical objects is a design standard to account for variance in drivers' positioning/ability and potential map inaccuracies. Swept path analysis should prove drivers should not have to enter the clearance zone. In this case, the existing layout is insufficient for the vehicles tested.

Distance between vehicle swept path and object (cm) (* = collision)

		Refuse lorry	Removals lorry
Parking bay	A	3	-20 *
	C	26	-12 *
Building	B	6	11
	D	13	27
25cm clearance zone	A	-22	-46 *
	B	-19	-14
	C	1	-37 *
	D	-12	2



KEY

Swept paths of vehicles attempting to pass two cars parked in parking bay:

- Removals-style lorry
- Refuse lorry

Other

- Stationary small car, in bay / partly parked on footway
- Road markings
- Dropped kerb layout
- Wheelie bin storage
- 25cm horizontal clearance around vertical objects

Client: ABERDEEN CITY COUNCIL

Project: Traffic Management Proposals (Q4-26)

Description: Issued for information

Originator	Checked	Approved	Date	Scale	Project Number	Sheet size
KW	GM	VR	17/10/26	1:250	-	A4

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Drawing Title

Supplementary drawing 1 to 'The Aberdeen City Council (Old Aberdeen, Sunnybank, Tillydrone and Seaton) (On-Street Parking Places, Waiting Restrictions and Associated Traffic Management) (Amendment) Order 202_' proposal:

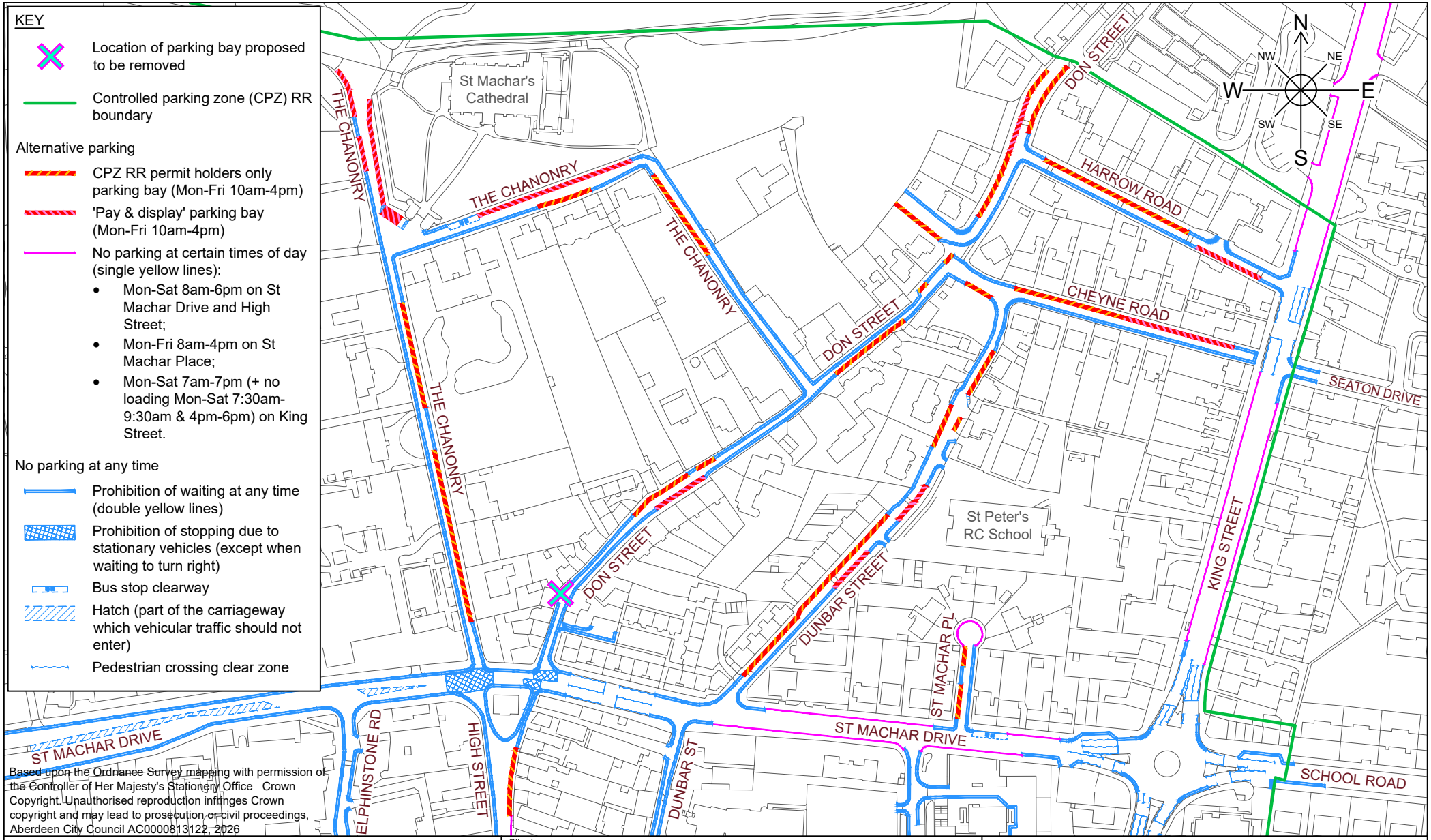
Vehicle swept path analysis

Drawing Number	Sheet No.	Revision
-	2/3	0

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Project: Traffic Management Proposals (Q4-26)

Description: Issued for information

Originator	Checked	Approved	Date	Scale	Project Number	Sheet size
KW	GM	VR	16/10/26	1:2500	-	A4

Drawing Title: Supplementary drawing 2 to 'The Aberdeen City Council (Old Aberdeen, Sunnybank, Tillydrone and Seaton) (On-Street Parking Places, Waiting Restrictions and Associated Traffic Management) (Amendment) Order 202_' proposal:

Nearby alternative parking provision

Drawing Number	Sheet No.	Revision
-	3/3	0