

24 Sept 2021
21-110/PB

Stranwil Ltd
4 Herbert Place
Dublin
D02 WY46

For the Attention of Susan Fagan

Dear Susan:

COOKSTOWN – REVISED BASEMENT AND SWEEP PATH ANALYSIS

Thank you for your instruction to provide a review of the basement car park and a swept path assessment of the revised car park at the Cookstown Apartments development, Units 5A-C, 2nd Avenue, Cookstown, Tallaght.

We have used the widely accepted AutoTRACK software to carry out a swept path assessment of the most onerous parking spaces within the revised basement. The vehicle used is a c.4.7m long standard family sized saloon car.

The revised basement layout is indicated on drawing number NRB-BA-001 enclosed. A swept path assessment has been carried out for a number of spaces and the results are illustrated on the enclosed drawings NRB-ATR-001, NRB-ATR-002 and NRB-ATR-003. In addition, we also tracked the ramp corners and other junctions within the revised basement. The drawings illustrate that the parking spaces track adequately for the vehicle used.

The proposed revisions to the basement are considered appropriate from a vehicular manoeuvrability/access perspective.

We trust the above and attached are adequate for your requirements. Should you require anything further in relation to this matter then please do not hesitate to contact this office.

Yours sincerely,



Paul Burke
Director

Enclosures: NRB-BA-001, NRB-ATR-001, NRB-ATR-002 and NRB-ATR-003



PROPOSED PARKING No.'s:	
Standard Spaces	= 61
Wheelchair Spaces	= 6
Total	= 67

NRB Consulting Engineers Ltd recommend that Road and land ownership boundaries are verified through Legal & Land searches by the Client.

This drawing is based upon Reddy Architects drawing AreaPlan((Proposed)GrossInternalFloorArea)-B01BasementLevelGeneralArrangementPlan, received 04/10/21. NRB Consulting Engineers Ltd shall not be liable for any inaccuracies or deficiencies.

NRB Consulting Engineers Ltd
1st Floor, Apollo Building
Dundrum Road
Dundrum
Dublin 14

Phone/Fax: +353 1 292 1941
Email: info@nrb.ie
Web: www.nrb.ie

Registered in Ireland No. 491679



Client
Project
Title

Fourth Avenue Cookstown
Tallaght
Proposed Basement Car Park
General Arrangement

NRB Consulting Engineers Ltd accept no responsibility for any unauthorised amendments to this drawing. Only figured dimensions to be worked to.

Project No.
21-110

Drawn
PB

Date
24-Sept-21

Purpose of Issue
 Draft
 As Built

Drawing No.
NRB-BA-001

Checked
SN 04/10/21

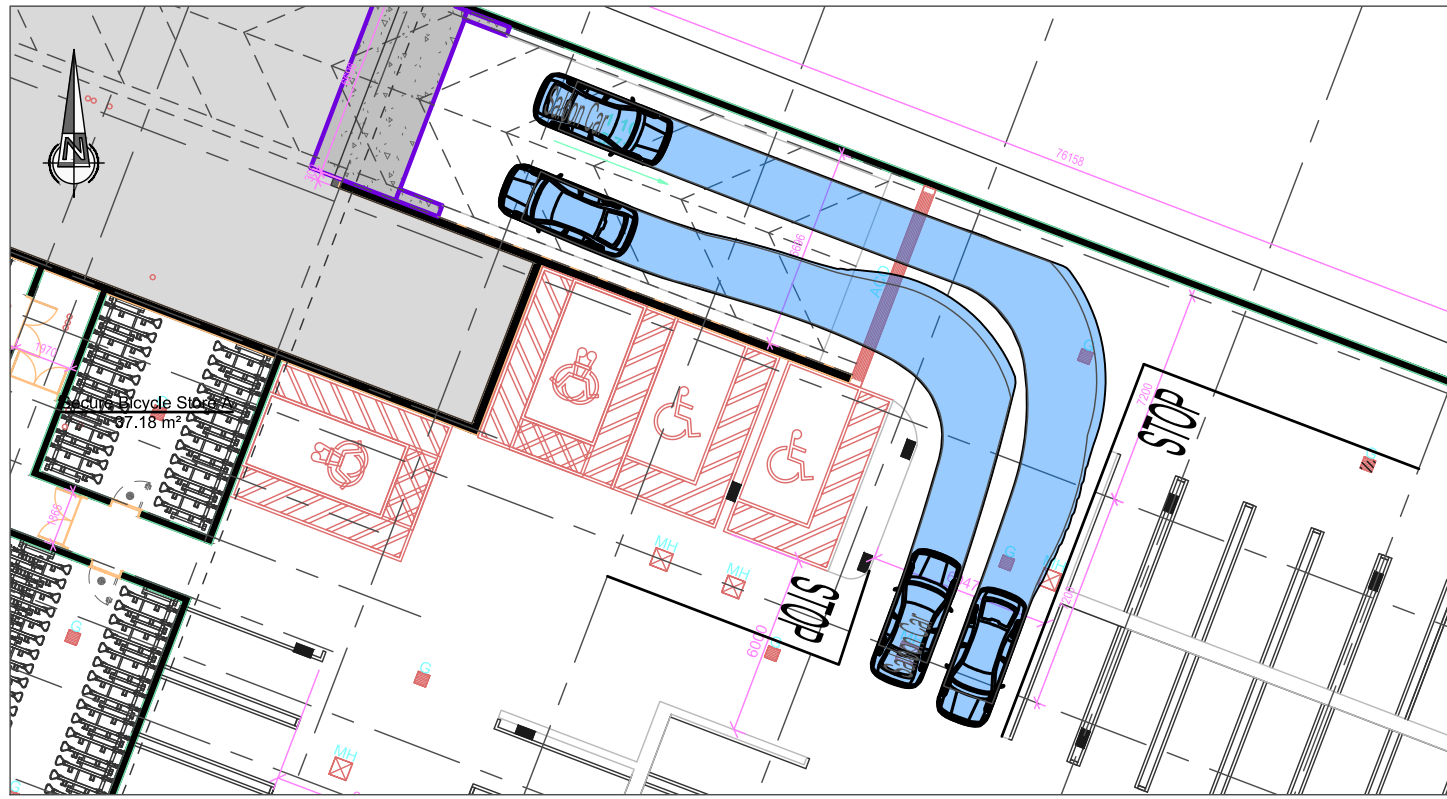
Approved
SN 04/10/21

Scale @ A3
1:250

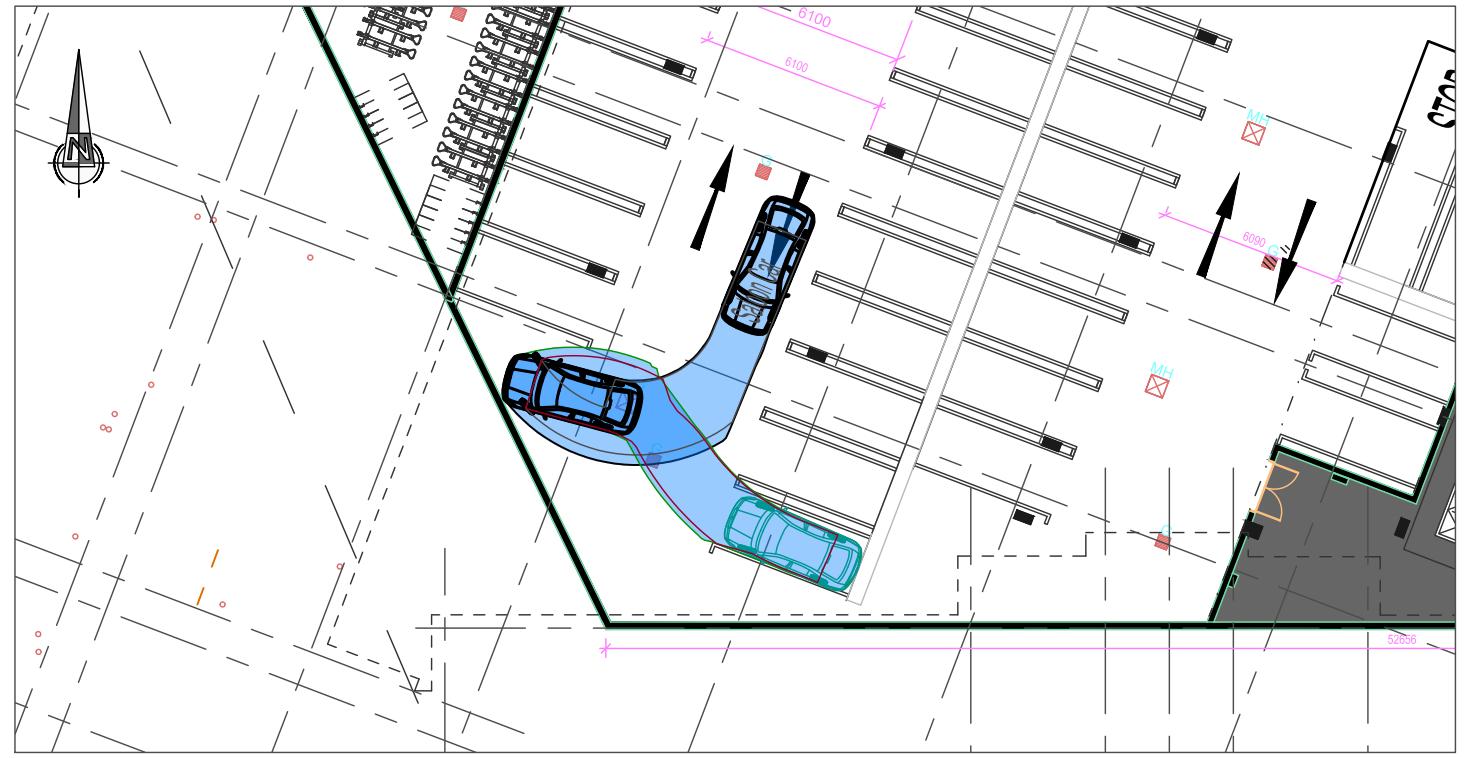
Rev
A

REV	DATE	AMENDMENTS	DRAWN	CHK	APP

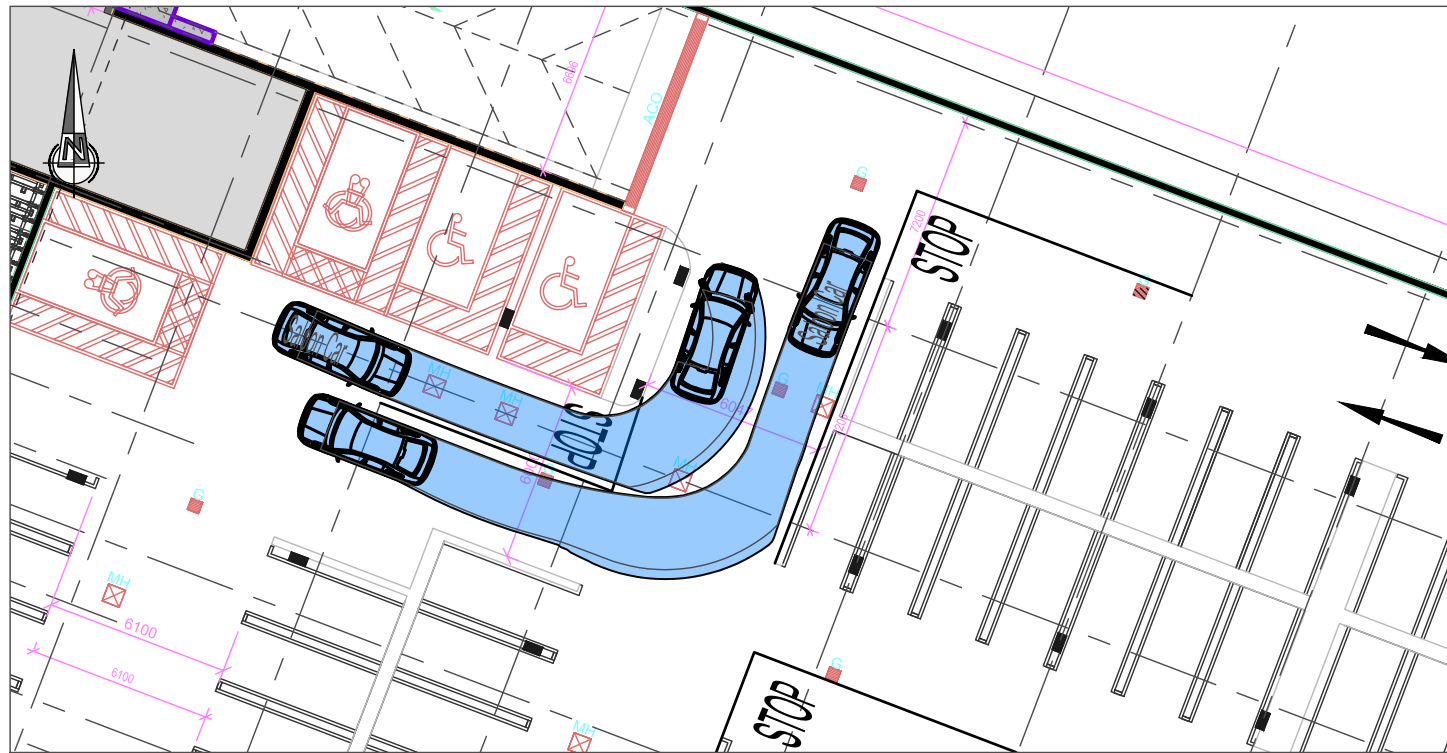
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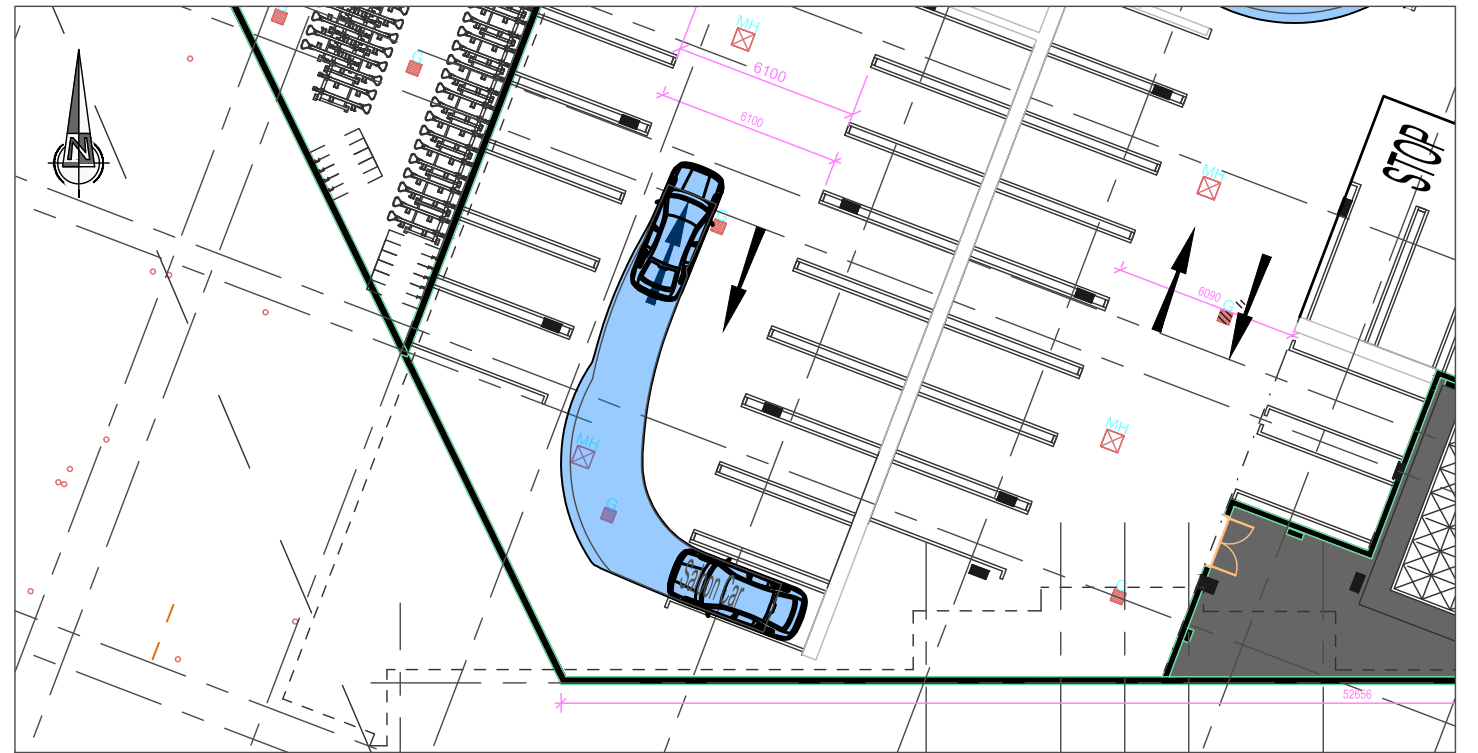
AUTOTRACKS OF SALOON CARS PASSING AT RAMP



AUTOTRACK OF A SALOON CAR ENTERING PARKING SPACE No.45



AUTOTRACKS OF SALOON CARS PASSING ADJACENT TO THE RAMP



AUTOTRACK OF A SALOON CAR EXITING PARKING SPACE No.45

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Dundrum Road
Dundrum
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Email: info@nrb.ie
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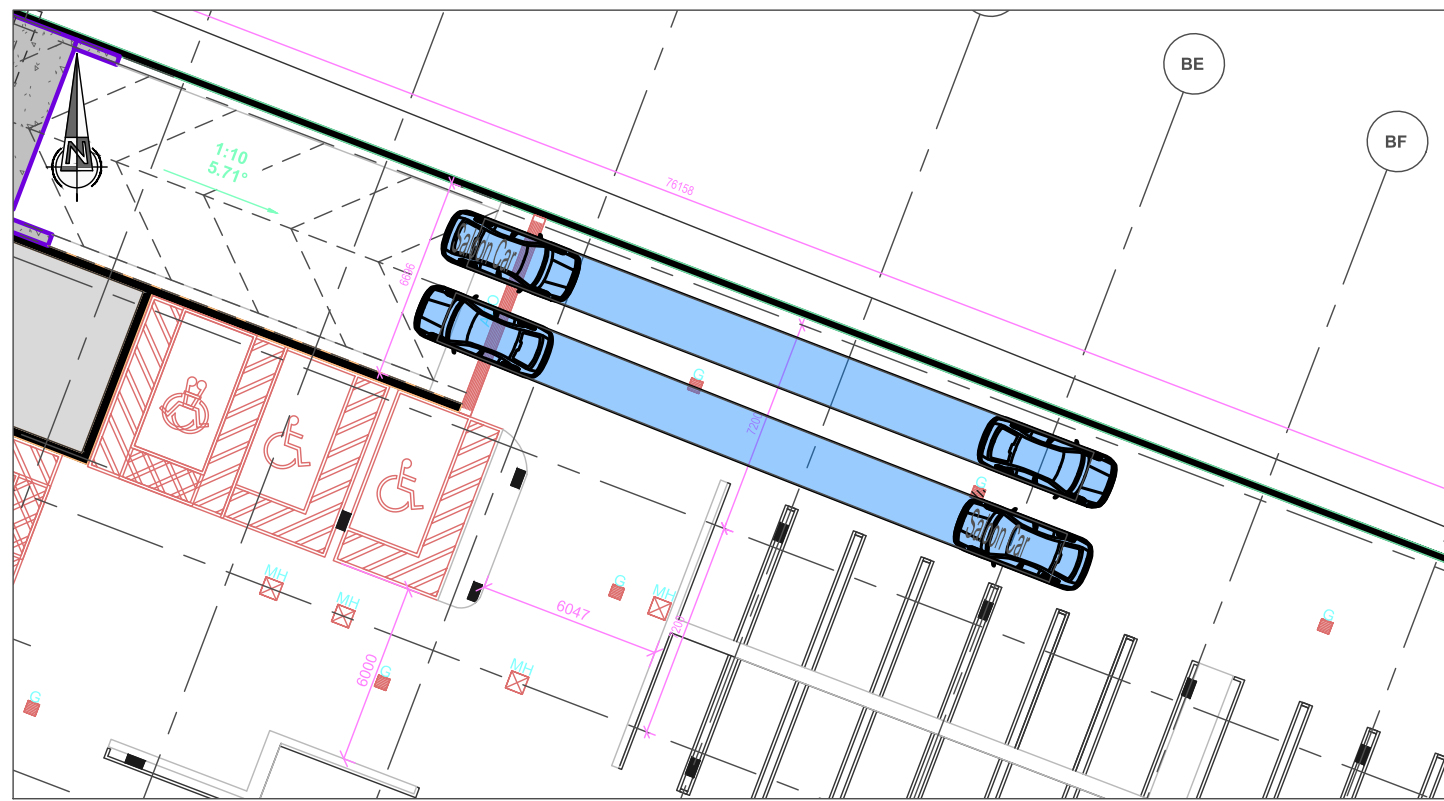
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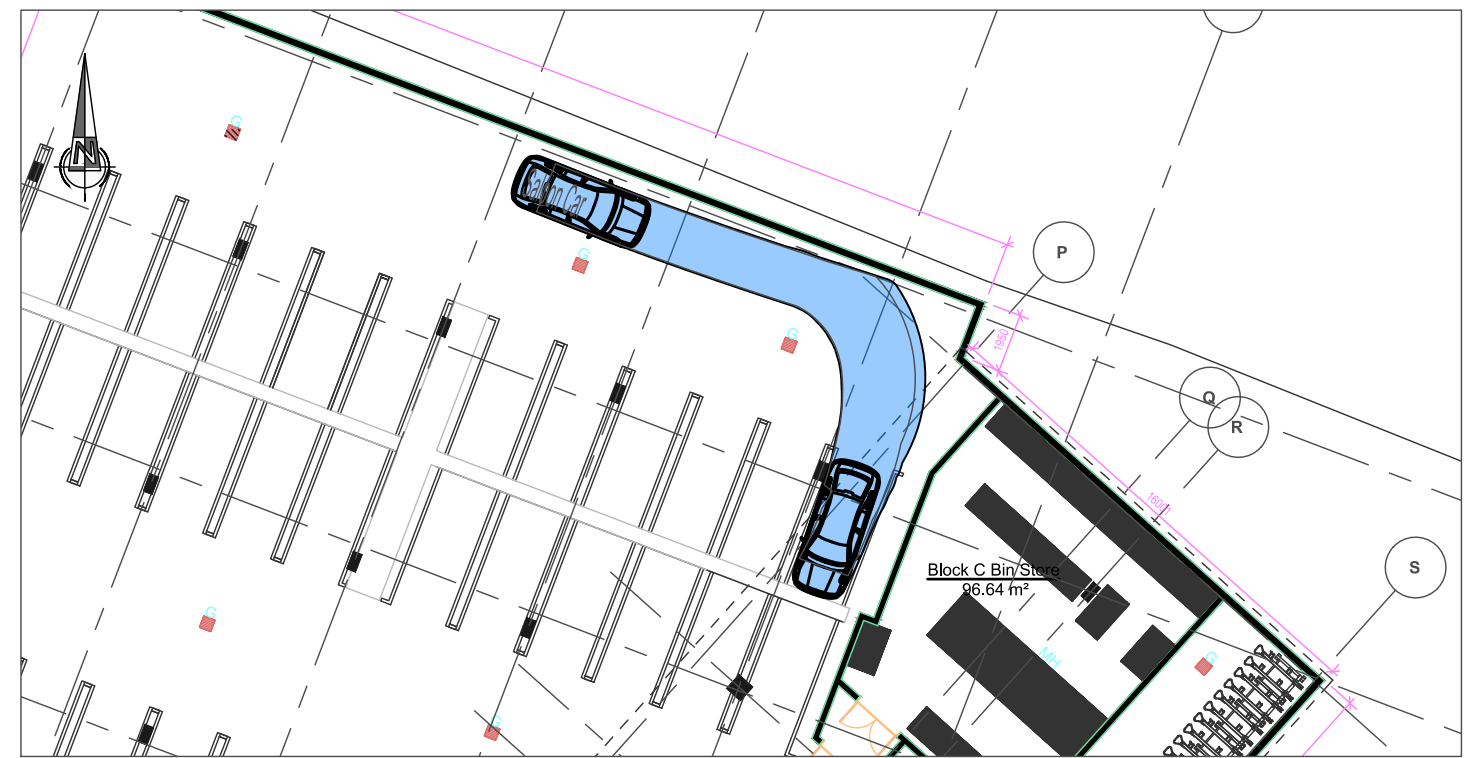
Client	Project No. 21-110	Drawing No. NRB-ATR-001
Project Fourth Avenue Cookstown Tallaght	Drawn PB	Checked SN 04/10/21
Title AutoTRACKs of a Saloon Car Entering & Exiting The Basement 1 of 3	Date 24-Sept-21	Approved SN 04/10/21
<p>NRB Consulting Engineers Ltd accept no responsibility for any unauthorised amendments to this drawing. Only figured dimensions to be worked to.</p>	Scale @ A3 1:250	Rev A
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REV	DATE	AMENDMENTS	DRAWN	CHK	APP

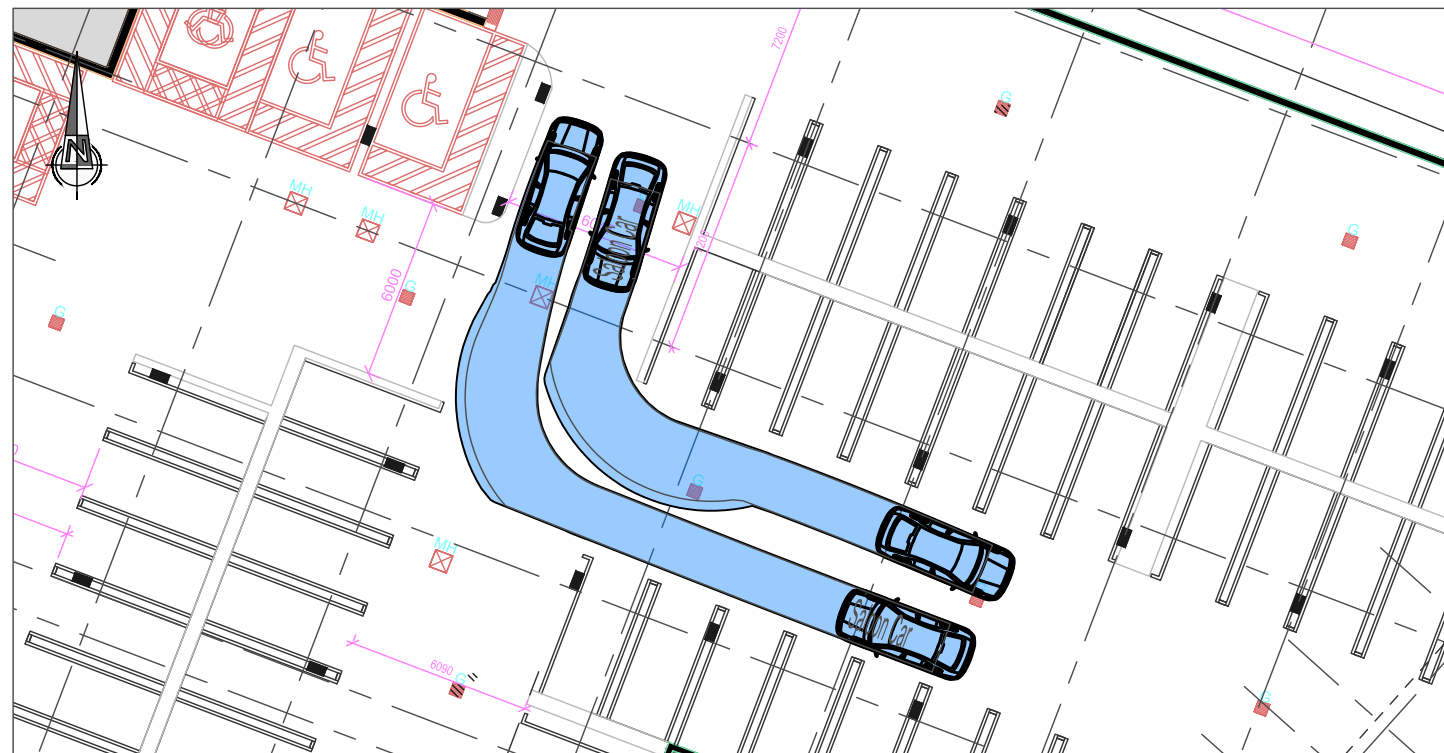
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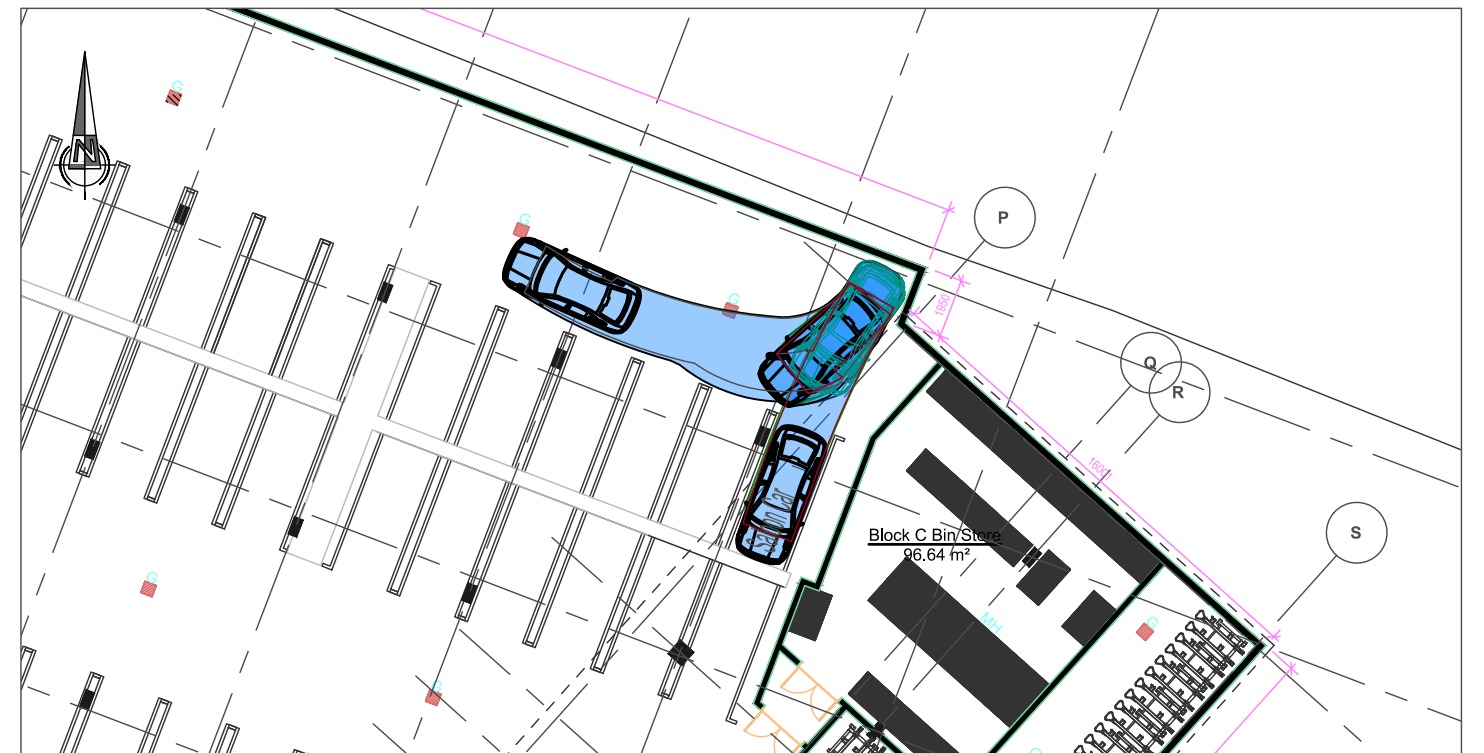
AUTOTRACKS OF SALOON CARS PASSING AT INTERNAL JUNCTION



AUTOTRACK OF A SALOON CAR ENTERING PARKING SPACE No.13



AUTOTRACKS OF SALOON CARS PASSING AT INTERNAL JUNCTION



AUTOTRACK OF A SALOON CAR EXITING PARKING SPACE No.13

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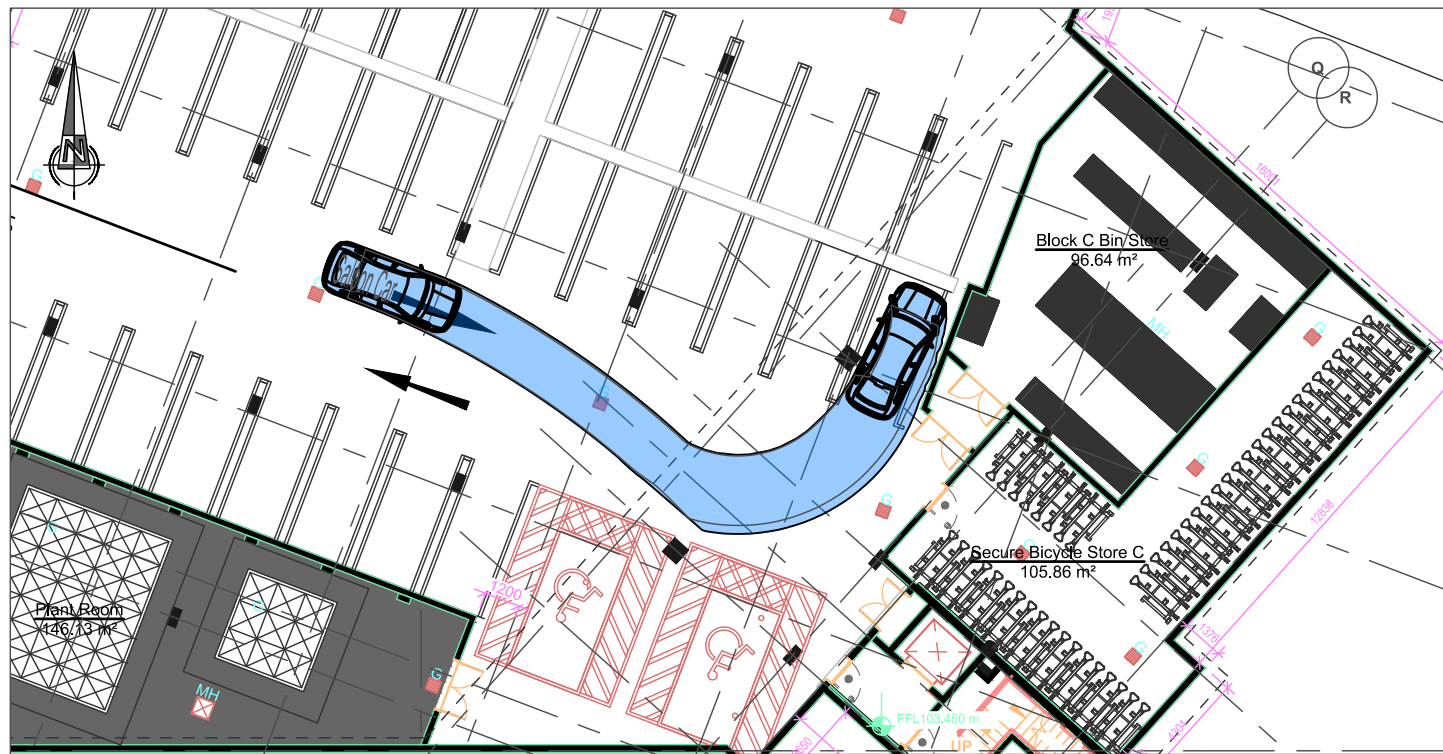
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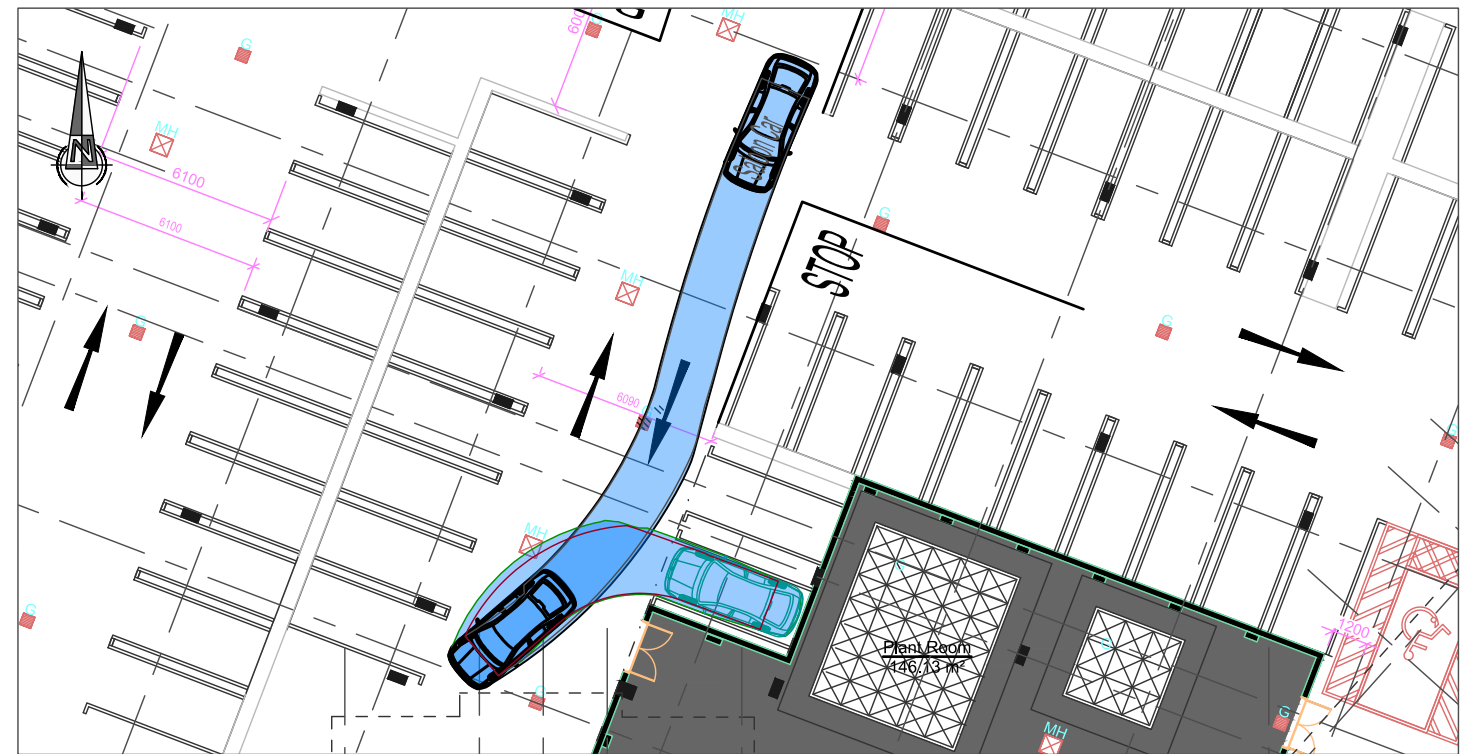
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Project Fourth Avenue Cookstown Tallaght	Drawn PB	Checked SN 04/10/21
Title AutoTRACKs of a Saloon Car Entering & Exiting The Basement 2 of 3	Date 24-Sept-21	Approved SN 04/10/21
<small>NRB Consulting Engineers Ltd accept no responsibility for any unauthorised amendments to this drawing. Only figured dimensions to be worked to.</small>	Scale @ A3 1:250	Rev A
Purpose of Issue: <input type="checkbox"/> Draft <input type="checkbox"/> Information <input type="checkbox"/> Approval <input type="checkbox"/> As Built <input type="checkbox"/> Tender <input type="checkbox"/> Construction		

REV	DATE	AMENDMENTS	DRAWN	CHK	APP

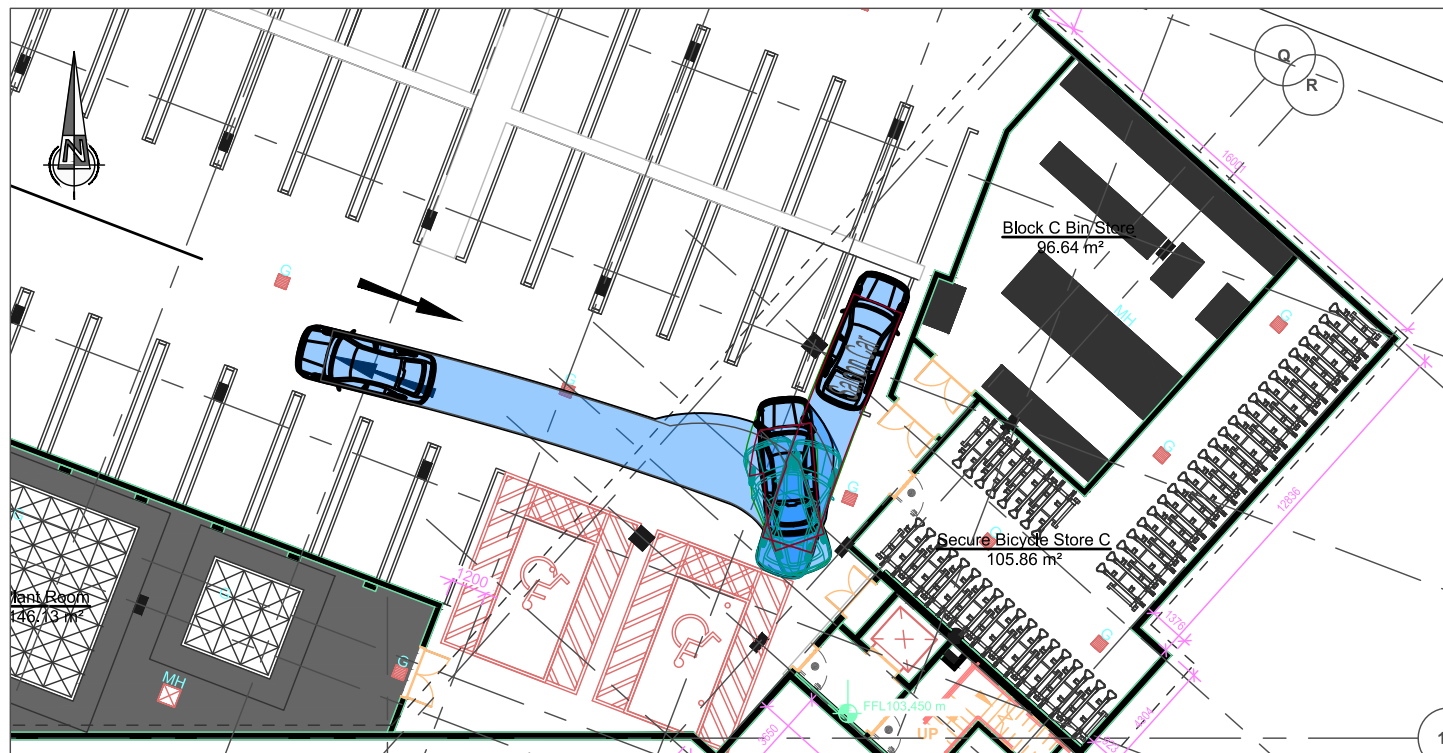
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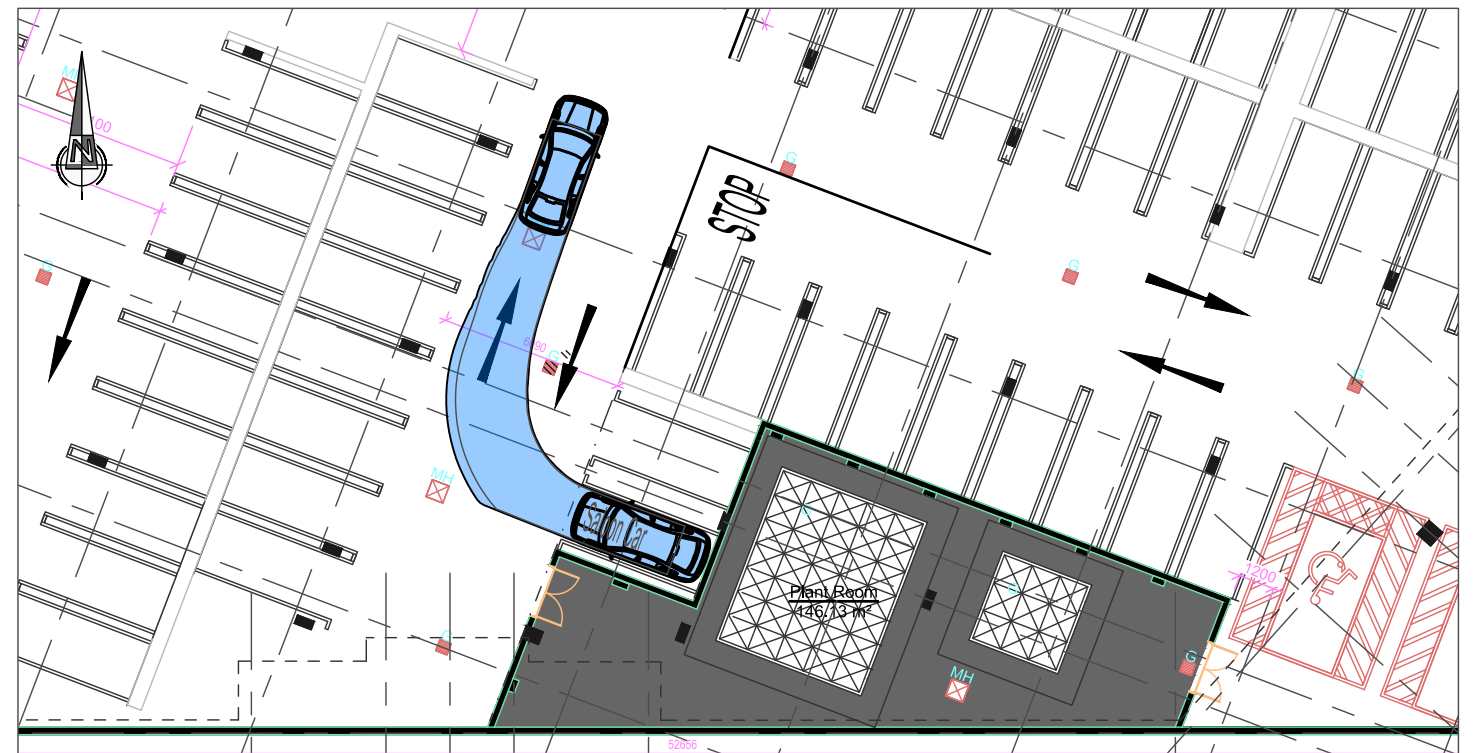
AUTOTRACK OF A SALOON CAR ENTERING PARKING SPACE No.14



AUTOTRACK OF A SALOON CAR ENTERING PARKING SPACE No.39



AUTOTRACK OF A SALOON CAR EXITING PARKING SPACE No.14



AUTOTRACK OF A SALOON CAR EXITING PARKING SPACE No.39

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Client	Project No. 21-110		Drawing No. NRB-ATR-003	
Project	Fourth Avenue Cookstown Tallaght		Drawn PB	Checked SN 24/09/21
Title	AutoTRACKs of a Saloon Car Entering & Exiting The Basement 3 of 3		Date 24-Sept-21	Approved SN 24/09/21
NRB Consulting Engineers Ltd accept no responsibility for any unauthorised amendments to this drawing. Only figured dimensions to be worked to.		Scale @ A3 1:250	Rev A	Purpose of Issue
		<input type="checkbox"/> Draft	<input type="checkbox"/> Information	<input type="checkbox"/> Approval
		<input type="checkbox"/> As Built	<input type="checkbox"/> Tender	<input type="checkbox"/> Construction

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