



GALWAY CITY COUNCIL

OLD DUBLIN ROAD - NEW LAWN CEMETERY

STAGE F PART 2 ROAD SAFETY AUDIT

June 2023



OLD DUBLIN ROAD-NEW LAWN CEMETERY

STAGE F PART 2 ROAD SAFETY AUDIT

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1.0 INTRODUCTION

1.1 LOCATION

This report describes Part 2 of a Stage F, Feasibility Road Safety Audit, carried out on the proposed entrance to New Lawn Cemetery on the Old Dublin Road (R338) in Galway City, see Figure 1-1.



Figure 1-1 Site Location Map

1.2 DESCRIPTION OF DEVELOPMENT

The Development is bounded by the R338, Old Dublin Road, on its south, The Connaught Hotel on its east, Wellpark Grove on its north and a greenfield with pedestrian route linking Wellpark Grove to the R338 on its west.

The development proposes a new entrance to the new development, New Lawn Cemetery. The proposed entrance is via the R338 Old Dublin Road existing entrance link road to the Connaught Hotel (Green Option in RSA Stage F Part 1) as shown in Figure 1-2.



Figure 1-2 Map Green Entrance

1.3 ROAD COLLISION DATA

Road Collision Data is not currently available on the Road Safety Authority Database, and therefore the audit team has no access to the historical collision information for this site and / or adjacent roads.

1.4 AUDIT DETAILS

The audit took place at the TOBIN Consulting Engineers Galway and CST Group Sligo offices of in May 2023. The audit comprised an examination of the documents provided by the Design Team and listed in Appendix A.

Galway City Council (GCC) advised of the future road improvements on the R338 (Old Dublin Road) which are to be considered in the RSA. The Bus Connects project is planned. The proposed Bus Connects will alter the existing road cross section to include for off road segregated footway and cycleway with a bus lane and traffic lane in each direction.

Note, the junction of Old Dublin Road (R338) with the Connaught Hotel Link Road has not been assessed as outside the scope of the works.

In addition, a daytime site visit took place on the 17th of April 2023. The weather conditions were generally dry and bright, and the road surface was dry.

The audit team members were as follows:

Audit Team Leader

- Francis Fidgeon CST Group Team Leader TII Ref.: FF74289

Audit Team Member

- Laura Gaffney Tobin Consulting Engineers Team Member TII Ref.: LG3386505

Audit Team Observer

- Donncha Keohane Tobin Consulting Engineers Observer

This Stage F Part 2 Road Safety Audit has been carried out in accordance with the requirements of TII GE-STY-01024. The proposed entrance options for the scheme have been examined and this report compiled in respect of the consideration of those matters that may have an adverse effect on road safety. It has not examined or verified the compliance with any other standard or criteria.

The Design Team and Employer (Client) is reminded that the Road Safety Audit Feedback Form, in Appendix C shall be completed and returned to the Road Safety Audit Team Leader for sign off.

2.0 ITEMS ARISING FROM THE AUDIT

2.1 PROBLEM

Visibility Splay

The visibility splay from the existing gate to a vehicle travelling eastbound on the Old Dublin Road is obstructed by the existing boundary wall and proposed vegetation. The Audit Team are concerned vehicles turning from the Old Dublin Road into the Connaught Hotel will not have sufficient visibility to react if a vehicle turns out of the new entrance onto the link road between the Connaught Hotel and Old Dublin Road.



Plate 2-1 View to the R338 from the Entrance

Recommendation

The design team should remove obstruction from the visibility splay.

2.2 PROBLEM

Obstruction on Link Road by Queuing Vehicles

A queue of vehicles on the link road departing the hotel, may present a problem to vehicles departing the development. The Audit Team are concerned queuing vehicles on the link road will obstruct vehicles departing the development. This could result in a vehicle stranded in the inbound lane to the Hotel which may be struck by a vehicle turning into the Connaught Hotel from the mainline (R338).

Recommendation

The design team should site the entrance a suitable distance from the R338 and provide delineated clear area on the link road to allow for vehicle to turn complete out of the inbound link road lane from the R338.

2.3 PROBLEM

Proximity of Proposed Entrance to R338 Junction

The Audit Team are concerned about the proximity of the proposed entrance to the junction on the R338. The distance from a vehicle turning off the mainline (from either direction) to a vehicle departing the entrance / queue of vehicle entering the new entrance, may result in sideswipe / rear-end collision.

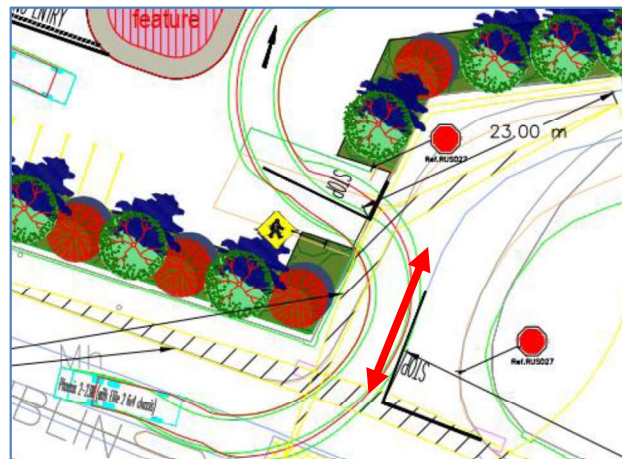


Figure 2-1 Proximity of Entrance to R338 Junction (Extract Dwg No. 11614-1002-D00)

Recommendation

The design team should site the entrance a suitable distance from the R338 to allow for vehicle reactions times.

2.4 PROBLEM

Segregated Entrance

No designated segregated pedestrian access to the development is proposed. The Audit Team are concerned in the absence of segregated pedestrian and vehicle access, pedestrians (VRUs) will utilise the proposed vehicular access in conflict with vehicles. This may result in a serious collision.

Recommendation

The design team should provide a segregated access to the development for the vulnerable road users.

2.5 PROBLEM

Pedestrian Desire Line – Connaught Hotel

It was observed onsite a number of pedestrians departing the Connaught Hotel in the direction of Galway City, crossing diagonally in front of the new entrance to the development. The Audit Team are concerned that the lack of pedestrian provisions on northwest side of the proposed entrance will result in a continuation of this existing pedestrian pattern. The introduction of the entrance will present a hazard to these vulnerable road users (VRUs).

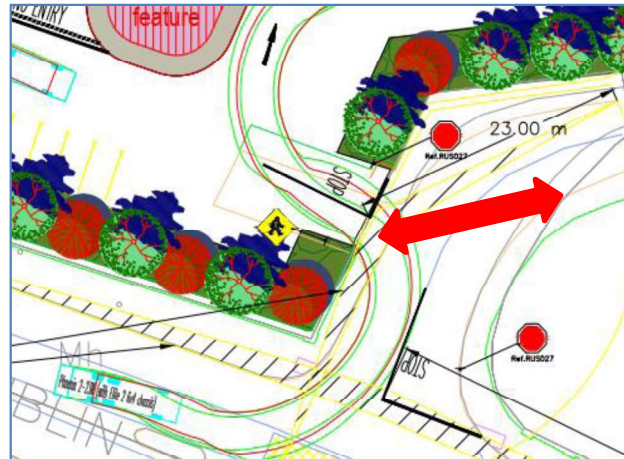


Figure 2-2 Pedestrian Desire Line from Connaught Hotel to Galway City (Extract Dwg No. 11614-1002-D00)

Recommendation

The design team should provide a suitable crossing / continuous footway from the Connaught Hotel across the entrance along the desire line.

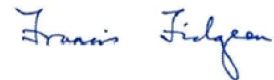
3.0 AUDIT TEAM STATEMENT

We certify that we have examined the design drawings and other information listed in Appendix A and visited the site during the day of the 17th of April 2023. We further certify that we are independent from the design team for the scheme. This examination has been carried out with the sole purpose of identifying any features of the design that could be removed or modified in order to improve the safety of the scheme. The problems that we have identified have been noted in this report, together with suggestions for a preferred option.

AUDIT TEAM LEADER

Name: Francis Fidgeon
TII Reference: FF74289
Position: Partner
Organisation: CST Group
Address: 1 O'Connell Street,
Sligo

Signed:

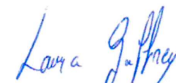


Date: 29/06/2023

AUDIT TEAM MEMBERS

Name: Laura Gaffney - MSc. BEng (Hons), CEng., MIEI
TII Reference: LG3386505
Position: Senior Engineer
Organisation: TOBIN Consulting Engineers
Address: Fairgreen House,
Fairgreen Road,
Galway.

Signed:



Date: 29/06/2023

Appendix A – List of Documents Examined

- Feasibility Drawings
 - Masterplan of Options: Preferred Route, Alternative Route 1, Alternative Route 2
 - 11614-1001_D00 Signs, Linemarking and Visibility Splay
 - 11614-1002_D00 Signs, Linemarking and Visibility Splay
- Bus Connects Galway – Dublin Road Drawings
 - 22047-BTL-ZZ-ZZ-DR-CR-06010
 - 22047-BTL-ZZ-ZZ-DR-CR-06009
 - 22047-BTL-ZZ-ZZ-DR-CR-06008
 - 22047-BTL-ZZ-ZZ-DR-CR-06007
 - 22047-BTL-ZZ-ZZ-DR-CR-06006
 - 22047-BTL-ZZ-ZZ-DR-CR-06005
 - 22047-BTL-ZZ-ZZ-DR-CR-06004
 - 22047-BTL-ZZ-ZZ-DR-CR-06003
 - 22047-BTL-ZZ-ZZ-DR-CR-06002
 - 22047-BTL-ZZ-ZZ-DR-CR-06001
 - 22047-BTL-ZZ-ZZ-DR-CR-06000



Anach-Cuin House
4.5★ (32)
3-star hotel

Wellpark Grove

Wellpark Grove

Wellpark Grove

Wellpark Grove

more Motors
Centre
hop

oom world

Alt 2

Life Studio

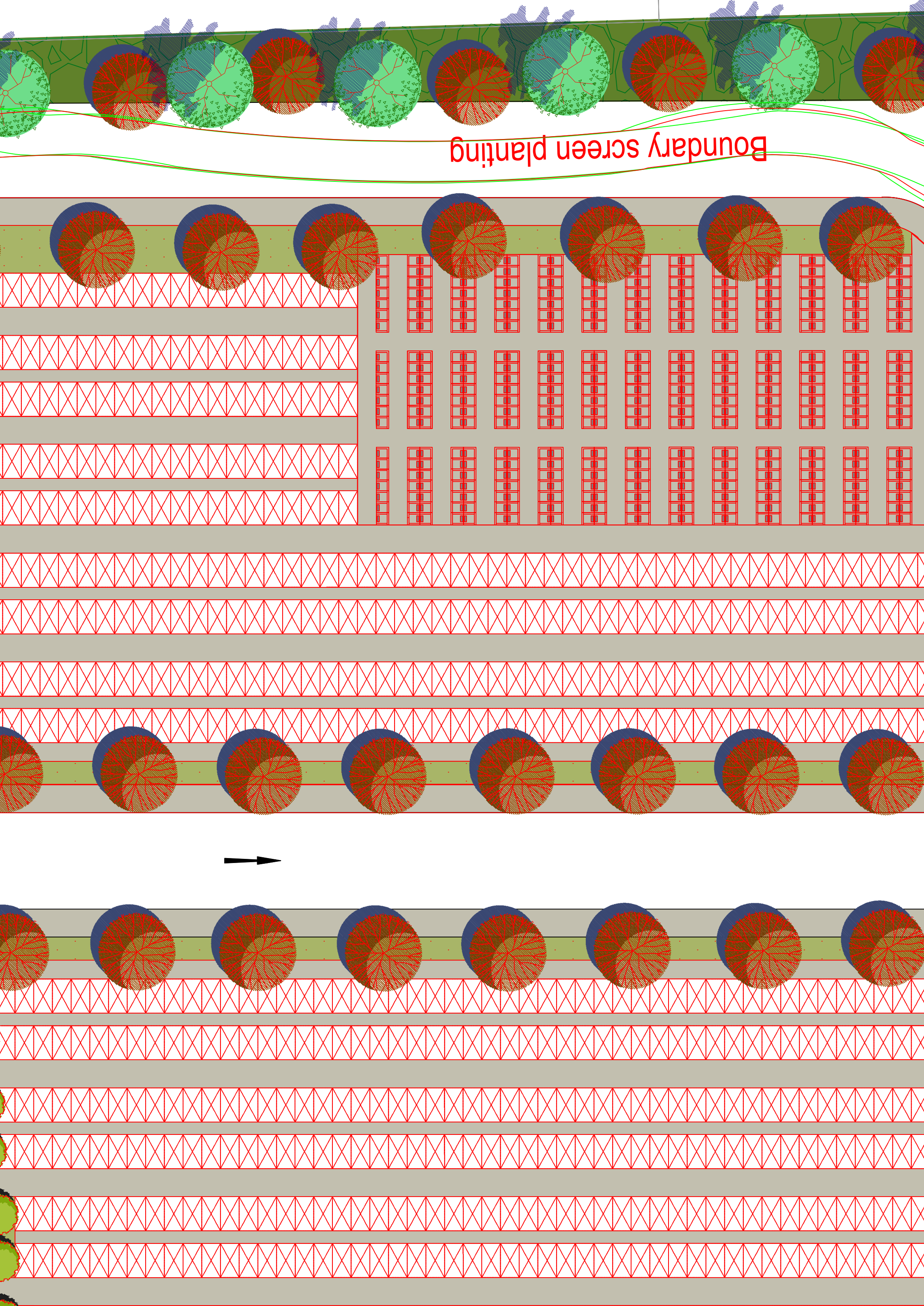
R338

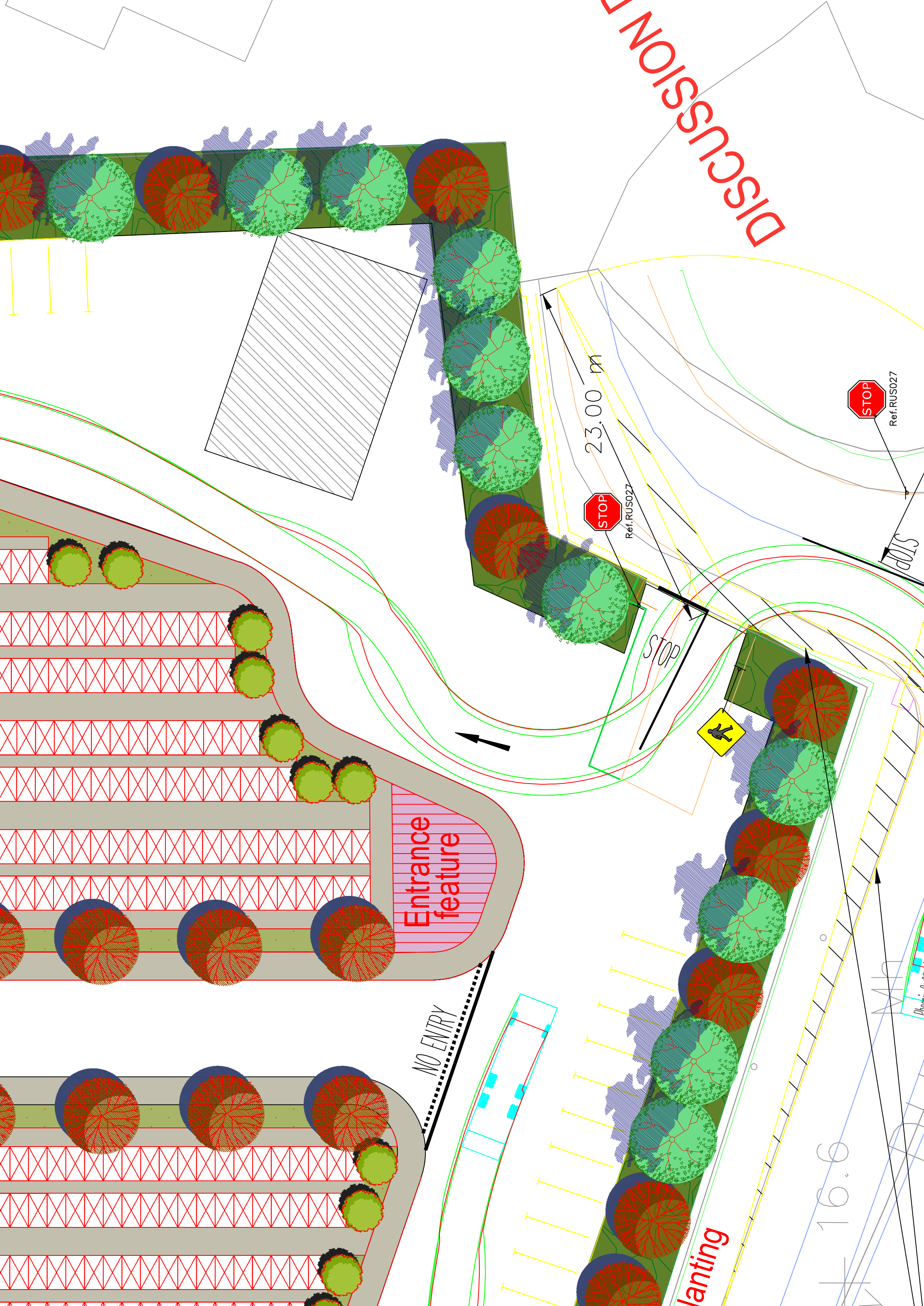
Alt 1

Renmore Dental

Preferred

Old Dublin Rd





Entrance
feature

NO ENTRY

STOP

Ref. RUS027

23.00 m



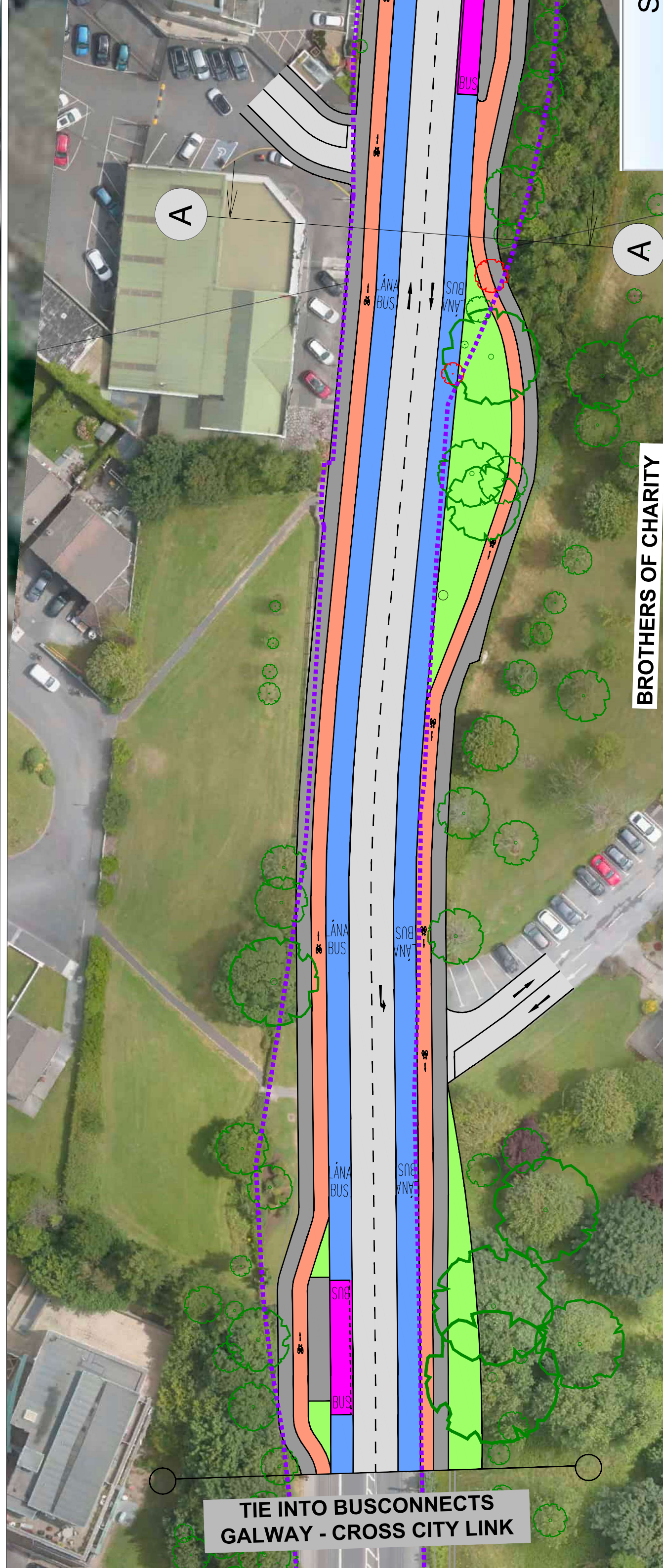
STOP

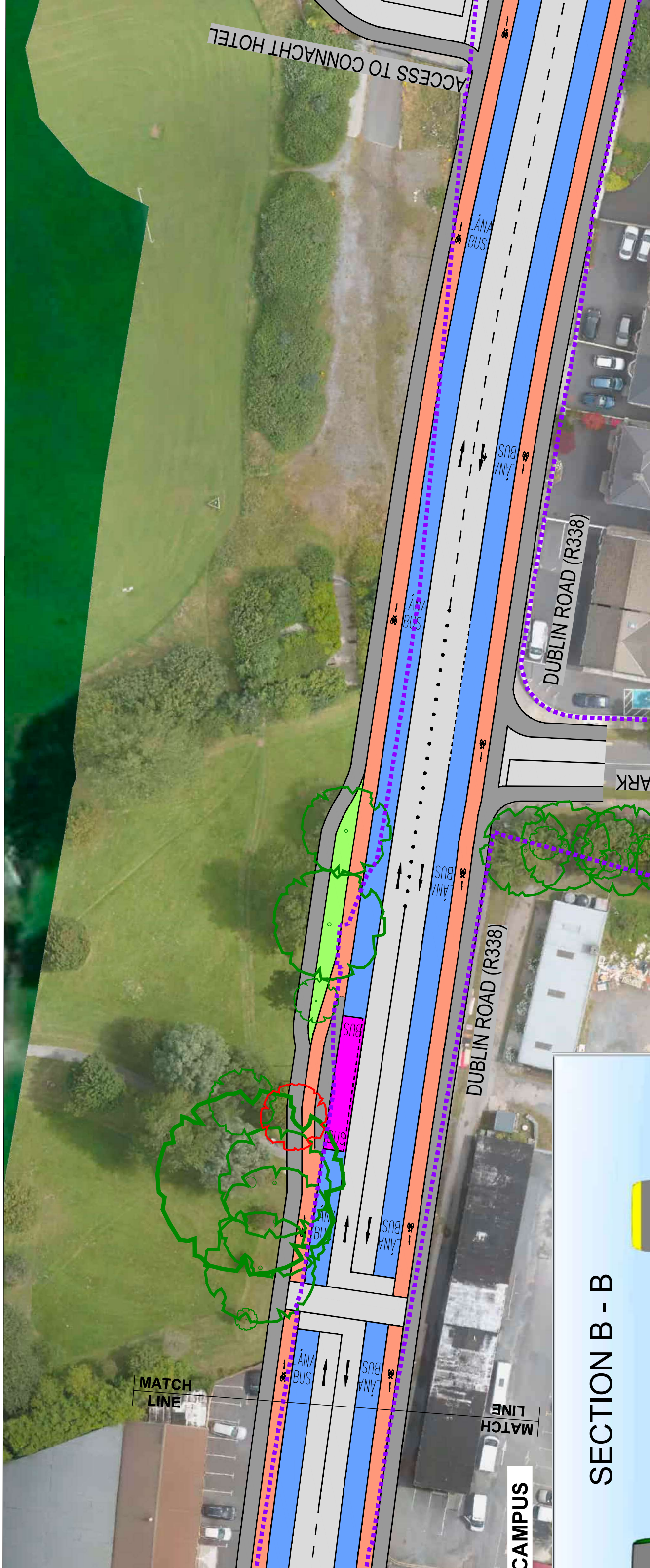
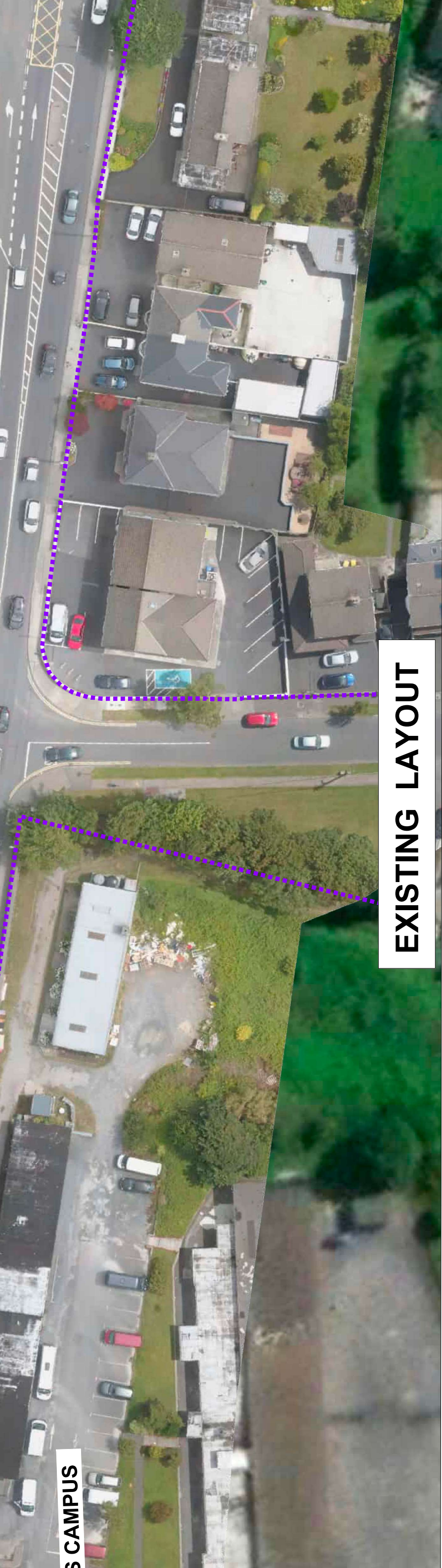
Ref. RUS027

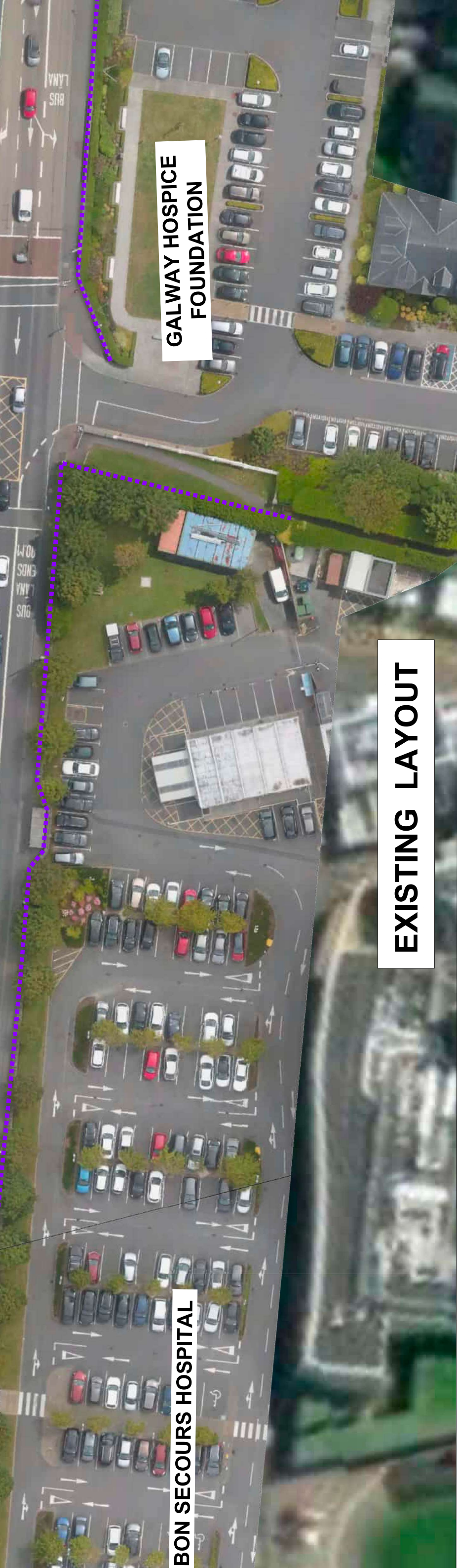
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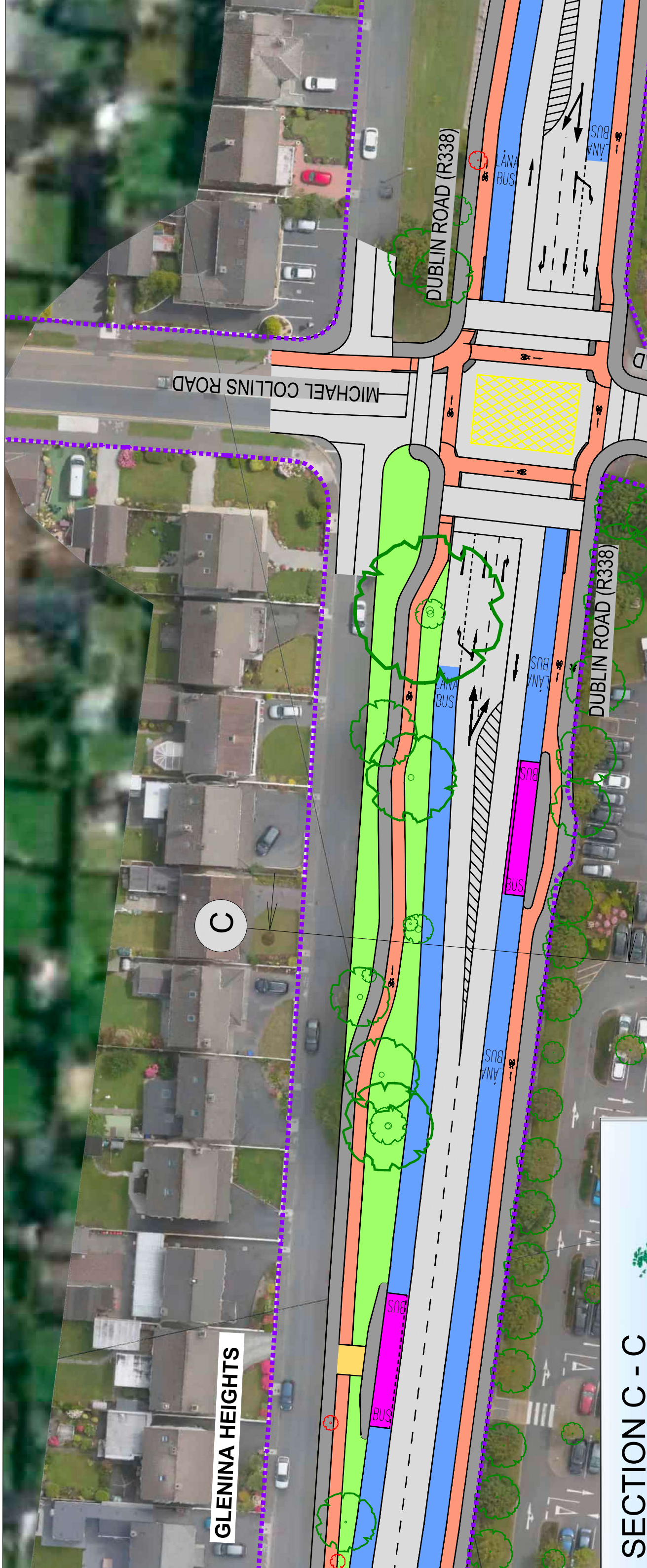
Discussion



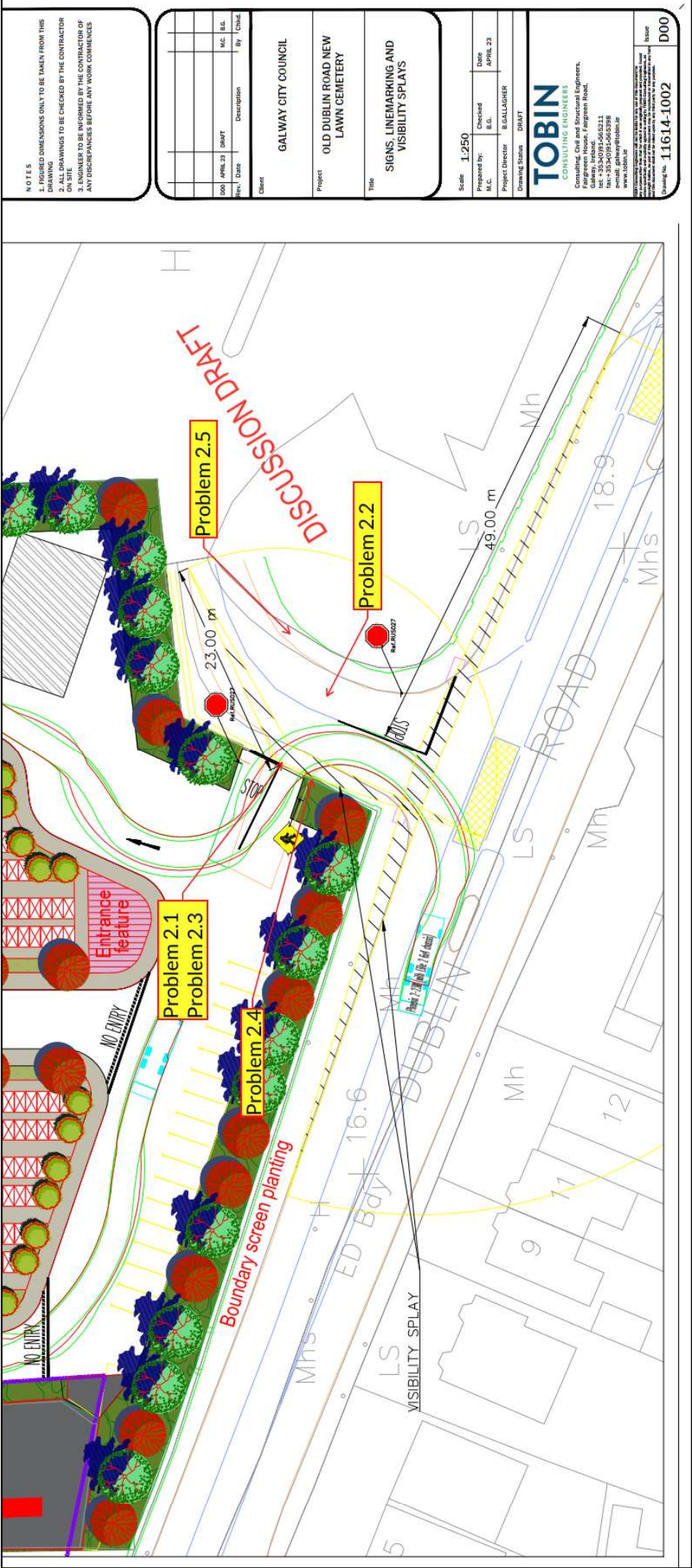




EXISTING LAYOUT



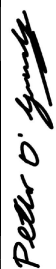
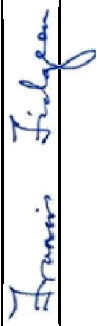
Appendix B – Problem Map



Appendix C – Feedback Form

Road Safety Audit Feedback Form		
Scheme: Old Dublin Road – New Lawn Cemetery		
Audit Stage: F Part 2	Route No.: R338 Old Dublin Road	Date of Audit: 17-04-2023

To be Completed by Designer				To Be Completed by Audit Team Leader
Paragraph No. in Safety Audit Report	Problem accepted (yes/no)	Recommended Measures Accepted (yes/no)	Alternative Measures (describe). Give reason for not accepting recommended measure	Alternative Measures or reasons accepted by auditors(yes/no)
2.1	YES	YES		
2.2	YES	YES		
2.3	YES	YES		
2.4	YES	YES		
2.5	YES	YES		

Signed:		Designer	Matthew Clarke	Date:	29/06/2023
Signed:		Client	Peter O'Grady	Date:	29/06/2023
Signed:		Audit Team Leader	Francis Fidgeon	Date:	29/06/23

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