

Title: **Stage 1 ROAD SAFETY AUDIT**
For;
Peter's Hill, Drogheda, Proposed Meeting Place.

Client: **Louth County Council**

Date: **May 2021**

Report reference: **1033R01**

VERSION: **FINAL**

Prepared By:

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1.0 Introduction

This report was prepared in response to a request from Ms. Aideen Morrissey, Louth County Council, for a Stage 1 Road Safety Audit of the Peter's Hill, Proposed Meeting Space scheme in Drogheda.

The Road Safety Audit Team comprised of;

Team Leader: **Norman Bruton**, BE CEng FIEI, Cert Comp RSA.

TII Auditor Approval no. NB 168446

Team Member: **Daniel Pentony**, CEng MIEI PGDipPM

TII Auditor Approval no. DP3383505

Trainee Observer: **David Elmore**, BEng, Cert Comp RSA

The Road Safety Audit involved the examination of drawings and other material provided by Louth County Council and a site visit by the Audit Team, together on the 7th of May 2021.

The weather at the time of the site visits was dry and the road surface was also dry.

This Stage 1 Road Safety Audit has been carried out in accordance with the requirements of TII Publication Number GE-STY-01024, dated December 2017.

The scheme has been examined and this report compiled in respect of the consideration of those matters that have an adverse effect on road safety. It has not been examined or verified for compliance with any other standards or criteria.

The problems identified in this report are considered to require action in order to improve the safety of the scheme for road users.

If any of the recommendations within this safety audit report are not accepted, a written response is required, stating reasons for non-acceptance. Comments made within the report under the heading of Observation are intended to be for information only. Written responses to Observations are not required.

The information supplied to the Audit Team is listed in **Appendix A**.

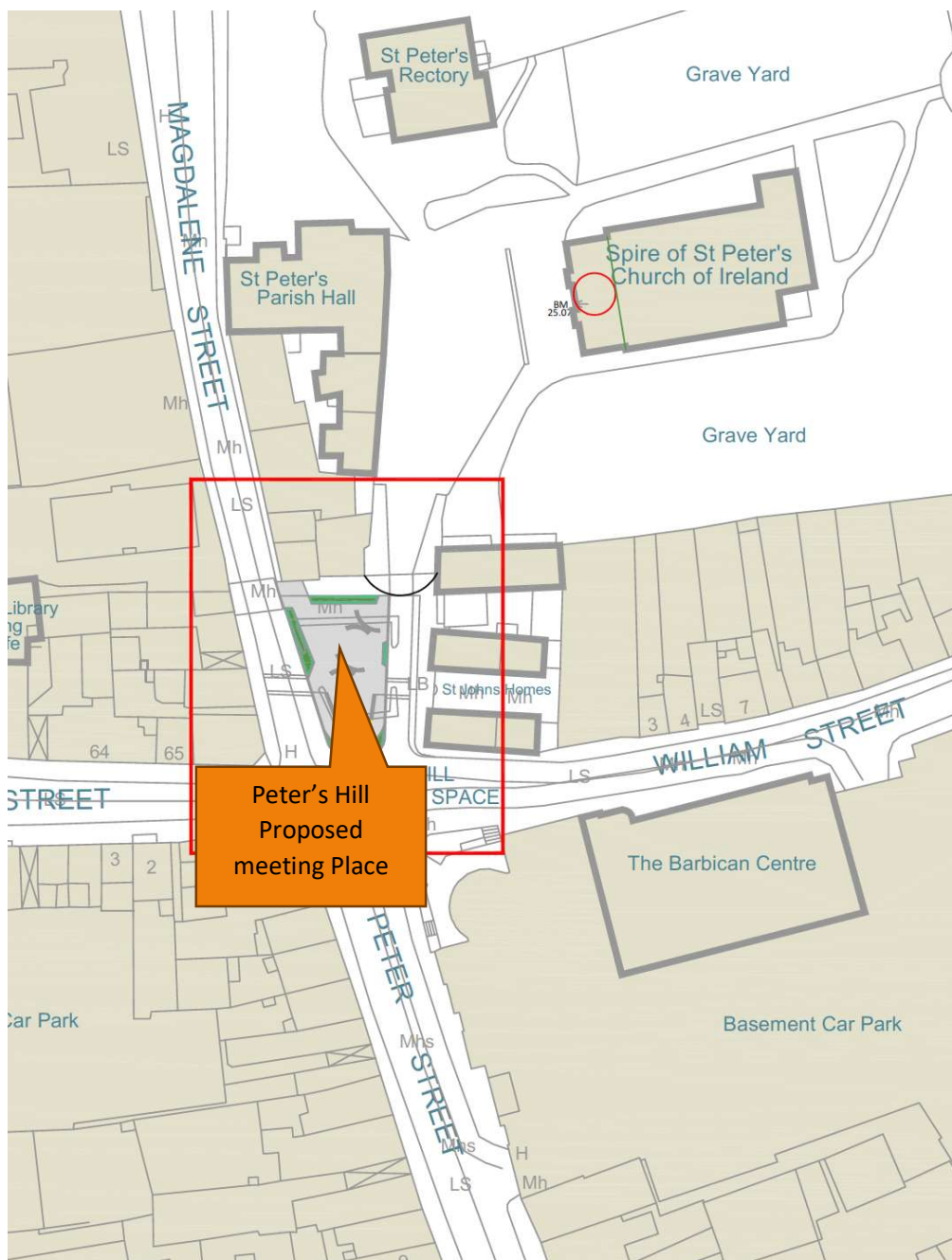
A feedback form for the Designer to complete is contained in **Appendix B**.

A plan drawing showing the problem locations is contained in **Appendix C**.

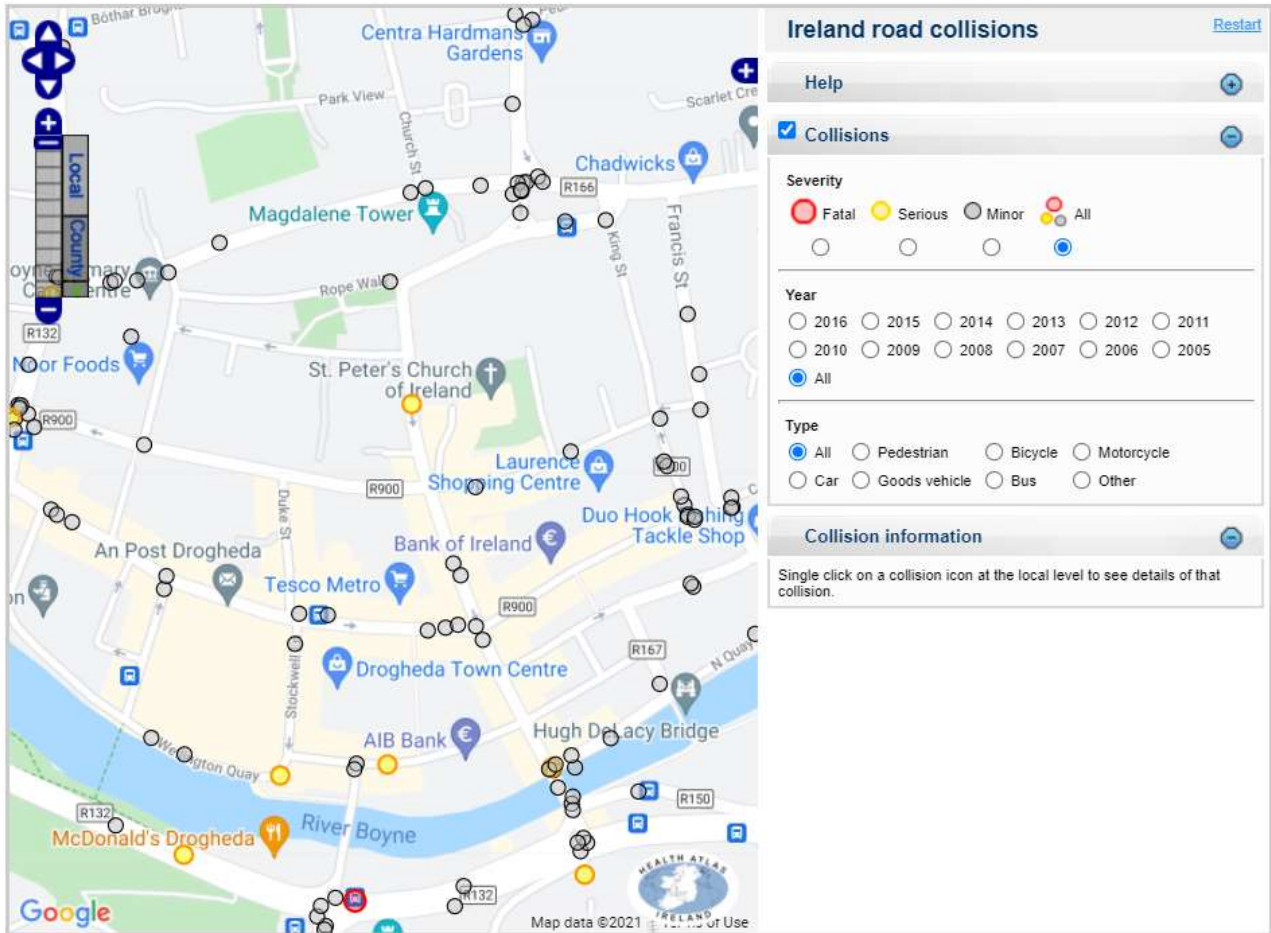
2.0 Background

It is proposed to provide a meeting space at Peter's Hill in Drogheda. The meeting space would be provided in lieu of the existing parking area. Access to St. Peter's Church of Ireland and parish hall will be maintained. It is also proposed to provide raised courtesy pedestrian crossings on Magdalene Street and William Street. Crossings on St. Peter Street and Fair Street may be provided as part of another scheme in the future.

The site location map is shown below.



A review of the Road Safety Authority's website shows that between the years 2005 and 2016 there has been one minor collision on William Street involving a pedestrian.



3.0 Main Report

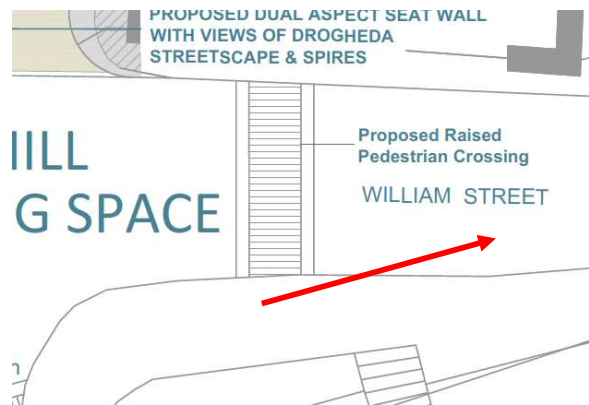
3.1 Problem

LOCATION

Drawing Peter's Hill, Drogheda, Preliminary Design Layout for RSA stage 1 Report, Rev 0

PROBLEM

The proposed pedestrian crossing on William Street coincides with the end of the taxi rank. There is a risk that taxis may park at, or close to the crossing and thereby obscure the inter-visibility between drivers and crossing pedestrians.



RECOMMENDATION

It is recommended that the taxi rank is stopped short of the crossing. A solid build out may be required to prevent encroachment by taxis.

3.2 Problem

LOCATION

Drawing Peter's Hill, Drogheda, Preliminary Design Layout for RSA stage 1 Report, Rev 0

PROBLEM

The existing footpath width is narrow on the northern side of William Street. This may not be wide enough to cater for the increased volumes of pedestrians using the crossing to get to/from the proposed meeting space. There is a risk that pedestrians will step onto the carriageway where they would be at risk of being struck by passing vehicles.



RECOMMENDATION

It is recommended that the footpath be widened between the meeting space and the crossing point and tapered back to the existing width further east, preferably after the pinch point. A wider footpath would also ensure a single lane of traffic on William Street at this location as currently the carriageway is between one and two lanes in width.

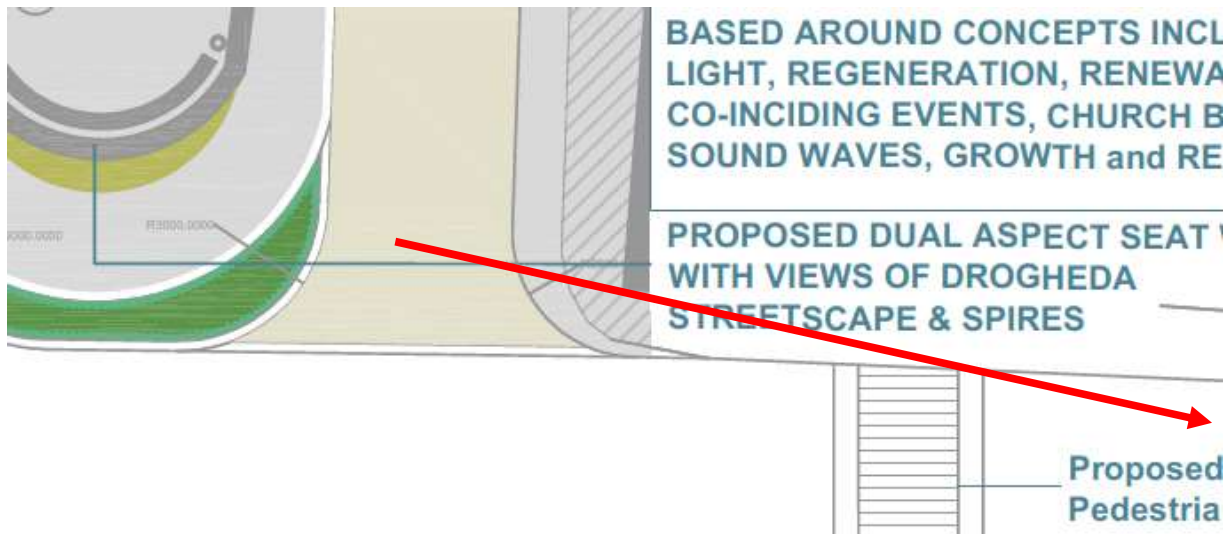
3.3 Problem

LOCATION

Drawing Peter's Hill, Drogheda, Preliminary Design Layout for RSA stage 1 Report, Rev 0

PROBLEM

The visibility to the left for drivers exiting the Church grounds is limited although improved from the current layout due to the widened footpath and the presence of the proposed raised crossing.. There is a risk that a driver could enter William Street at an inappropriate time leading to a collision with through traffic.



RECOMMENDATION

It is recommended that, similar to Issue 3.2 above that the footpath between the Church access and the proposed raised crossing be widened.

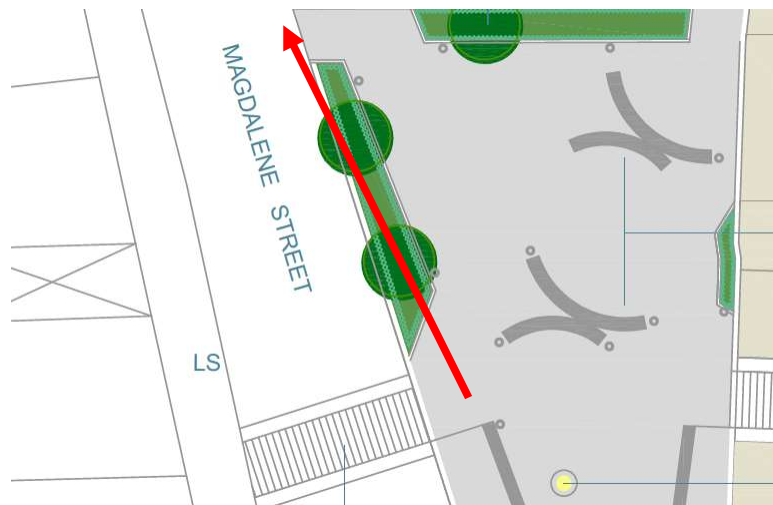
3.4 Problem

LOCATION

Drawing Peter's Hill, Drogheda, Preliminary Design Layout for RSA stage 1 Report, Rev 0

PROBLEM

It is proposed to plant trees and other planting along the eastern verge of Magdalene Street. There is a risk that that planting could obscure the visibility between drivers and crossing pedestrians.



RECOMMENDATION

It is recommended that the planting be chosen that ensure that visibility is not obscured.

4.0 Observations

4.1 Observation

It is assumed that suitable tactile paving will be provided at the detailed design stage for the uncontrolled crossing points.

4.2 Observation

It is assumed that drainage gullies will be provided on the upstream side of the raised crossings at the detailed design stage to prevent surface water ponding.

4.3 Observation

It is assumed that some public lighting will be required at the detailed design stage to light the meeting area and to ensure the crossings are adequately lit.

4.4 Observation

It is assumed that the pedestrian crossing across the St. Peter's Church access lane is to be raised similar to the other crossings.

4.5 Observation

It is assumed that the existing at-grade uncontrolled pedestrian crossing on Magdalene Street will be removed.

5.0 Audit Statement

We certify that we have examined the information provided and the site on the 7th of May 2021. The examination has been carried out with the sole purpose of identifying any features of the design which could be removed or modified in order to improve the safety of the scheme.

The problems identified have been noted in this report together with associated safety improvement suggestions which we would recommend should be studied for implementation. The audit has been carried out by the persons named below who have not been involved in any design work on this scheme as a member of the Design Team.

Norman Bruton Signed: 
(Audit Team Leader) Dated: 10/5/2021

Daniel Pentony Signed: 
(Audit Team Member) Dated: 10/5/2021

David Elmore **Not required to sign the report**
(Trainee Observer)

Appendix A

List of Material Supplied for this Road Safety Audit;

- Drawing Peter's Hill, Drogheda, Preliminary Design Layout for RSA stage 1 Report, Rev 0
- Site Location Map
- For information – Audit Brief

Appendix B

Feedback Form

AUDIT FORM – FEEDBACK ON ROAD SAFETY AUDIT REPORT

Scheme: St. Peter's Hill, Meeting Place

Stage Audit: Stage 1

Date Audit (site visit) Completed: 7/5/2021

Paragraph No. in Road Safety Audit Report	Problem accepted (yes/no)	Recommended measure accepted (yes/no)	Alternative measures (describe)	Alternative measures accepted by Auditors (Yes/No)
3.1	Yes	Yes (Partially)	The taxi rank will be terminated in advance of the crossing and a yellow box will be provided between the end of the rank and the crossing to achieve inter-visibility. The drawings have been amended to show this.	Yes
3.2	Yes	No	The widening of the footpath may lead to the creation of a pedestrian desire directly across to fair Street rather than using the proposed raised crossing on Magdalene Street. It is proposed to move the crossing closer to the Church access where the footpath is widest. This will provide greater space for pedestrians.	Yes
3.3	Yes	Yes (Partially)	Visibility has been significantly improved , the footway is slightly widened but for reasons similar to 3.2 above a wider buildout may lead to an unintended desire line to Fair Street. The approach speeds will be very low due to the presence of the courtesy crossing.	Yes
3.4	Yes	Yes	Suitable planting to be provided that does not obscure visibility.	Yes

Signed Aileen Morrison
Design Team Leader

Date May 10th 2021.

ST 1 RSA—PETER'S HILL
LCC



ST 1 RSA—PETER'S HILL
LCC



Signed... *Norman Banton*
Audit Team Leader

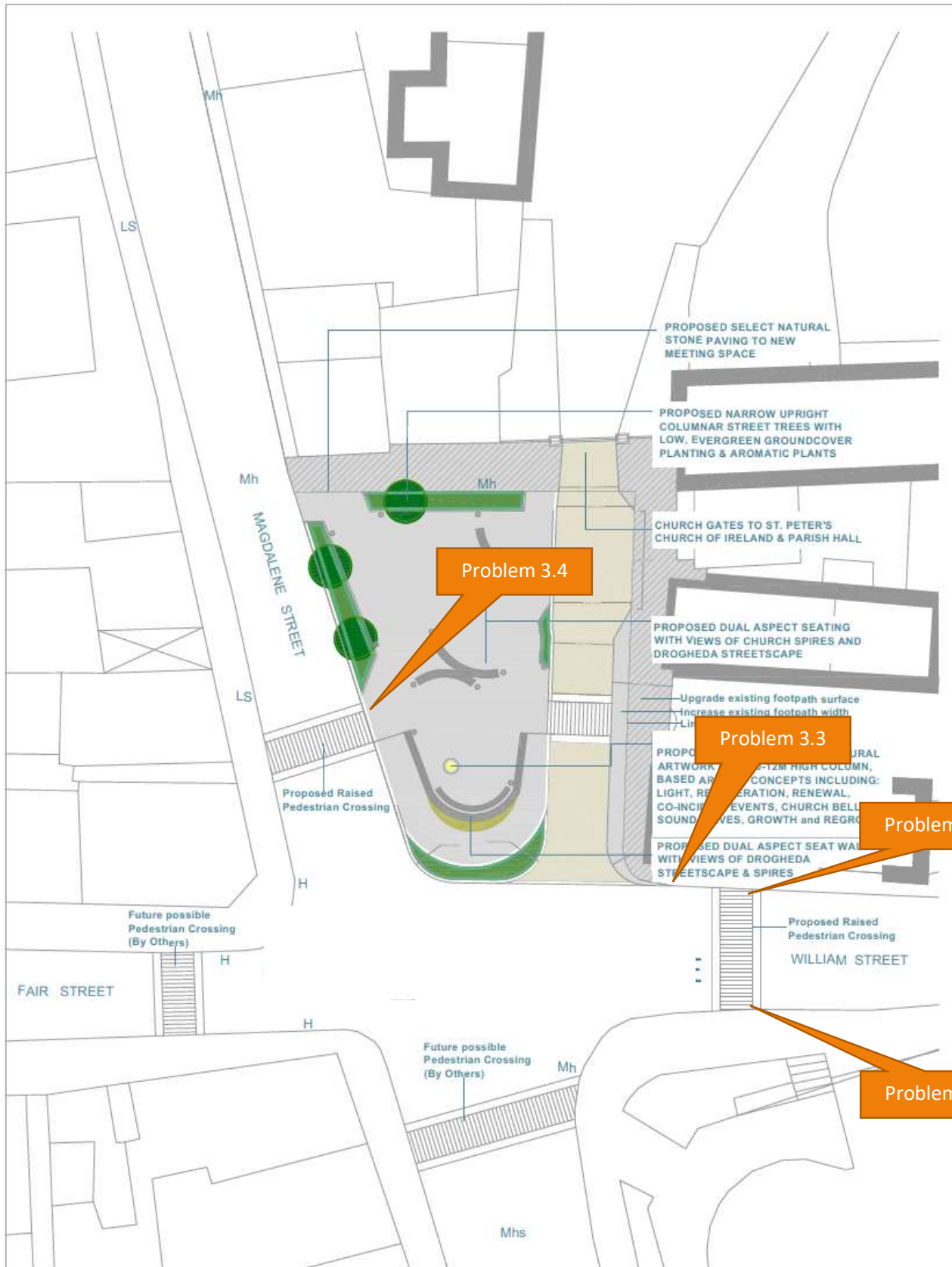
Date 10/5/2021

Signed... *John J. Hagan*
Employer

Date 10/05/21

Appendix C

Problem Location Plan.



COMHAIRLE CONTAE LÚ
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DRAWING TITLE:
**PETERS HILL, DROGHEDA
PRELIMINARY DESIGN LAYOUT
FOR RSA STAGE ONE REPORT**

Scale: 1:200 @A3	Date: 06 05 2021
Drawn by: AP	Checked: DRAFT ISSUED
By Ref: VARIEL	Drawn Date: 03
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