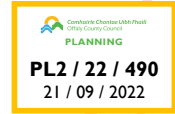


© Ordnance Survey Ireland. All rights reserved. Licence Number: 3180/3183

LEGEND:
— Visibility Splay 3.0m x 160m

Rev	Date	Description	By	Chkd.
B	13.12.21	Issue for Planning	L.G.	J.O.F
A	05.11.21	Issue for RSA	K.D	LG



Client:	Kilmurray Precast Concrete Ltd.
Project:	Kilmurray Quarry Request for Further Information
Title:	General Arrangement R400 / Site Access

Prepared by:	K. Duffy
Checked:	L. Gaffney
Date:	November 2021
Project Director:	M. McDonnell
Drawing Status:	Planning
Scale @ A1:	1:500 (1:1,000 @A3)

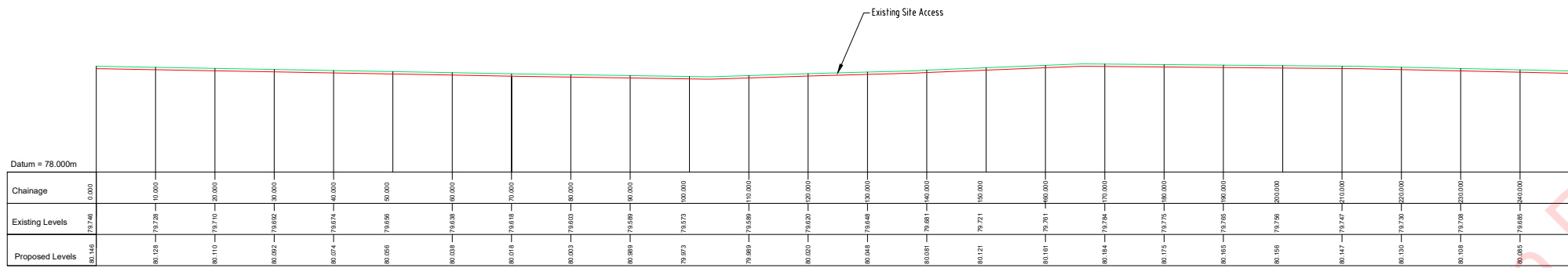
TOBIN
CONSULTING ENGINEERS

TOBIN Consulting Engineers,
Fairgreen House,
Co. Galway, Ireland
tel: +353 (0)941-565211
e-mail: info@tobin.ie
www.tobin.ie

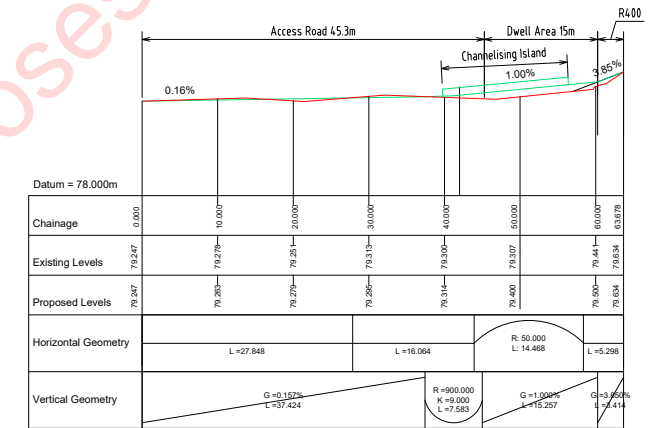
TOBIN Consulting Engineers will not be liable for any use of this document for any purpose other than that for which it was originally prepared and provided. Except where specifically and explicitly agreed in writing by TOBIN Consulting Engineers, as copyright holder, no part of this document may be reproduced or transmitted in any form and this document shall not be relied upon by any third party for any purpose.

Drawing No.: **10884-2000**

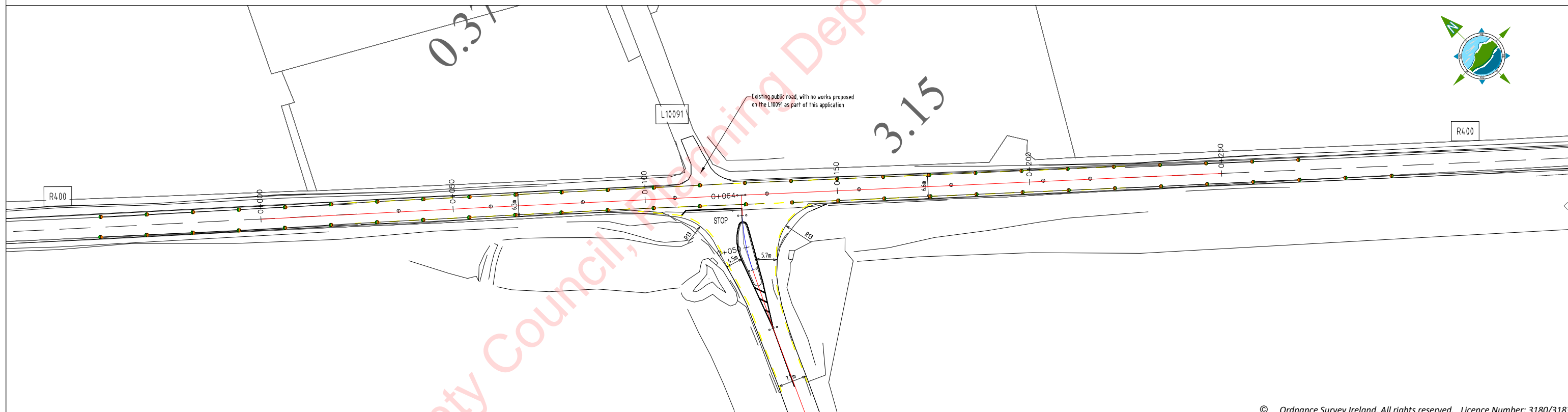
Revision: **B**



Longitudinal Section R400:
Scale:

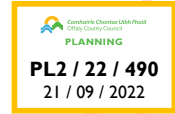


Longitudinal Section: Access Road
Scale:



© Ordnance Survey Ireland. All rights reserved. Licence Number: 3180/3183

LEGEND:
— Proposed Road Level
— Existing Road Level



Rev	Date	Description	By	Chkd.
B	13.12.21	Issue for Planning	L.G.	J.O'F
A	05.11.21	Issue to RSA	K.D.	LG

Client:	Kilmurray Precast Concrete Ltd.
Project:	Kilmurray Quarry Request for Further Information
Title:	Longitudinal Section R400

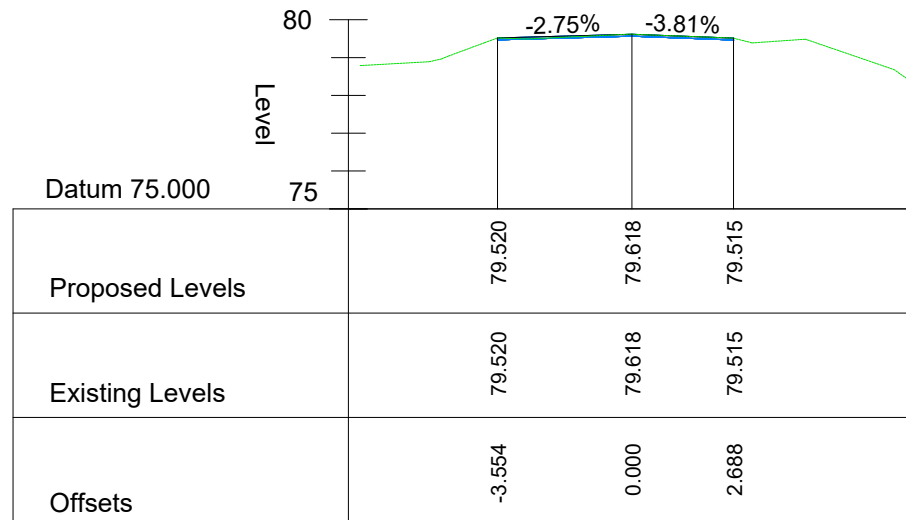
Prepared by:	K. Duffy
Checked:	L. Gaffney
Date:	November 2021
Project Director:	M. McDonnell
Drawing Status:	Planning
Scale @ A1:	1:500 (1:1,000 @A3)

TOBIN
CONSULTING ENGINEERS

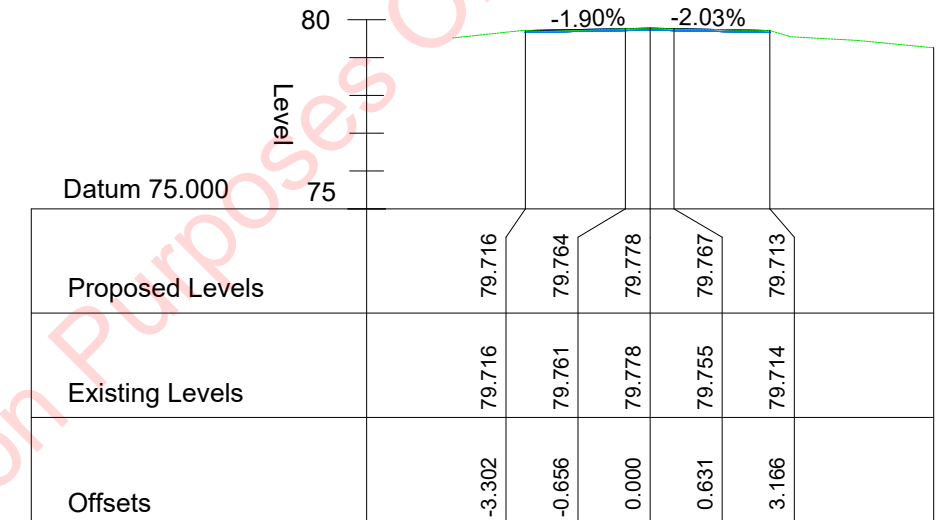
TOBIN Consulting Engineers,
Fairgreen House,
Fairgreen Road,
Co. Galway, Ireland
tel: +353 (0)941-565211
e-mail: info@tobin.ie
www.tobin.ie

Drawing No.: **10884-2001**

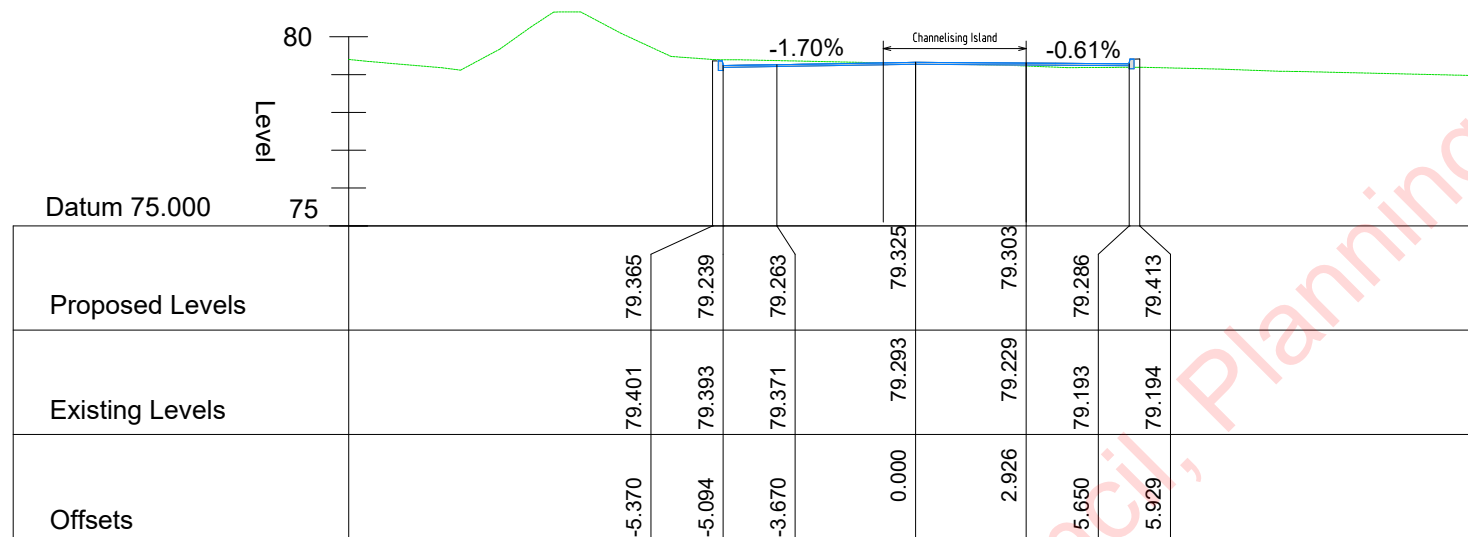
Revision: **B**



Cross Section (A-A)

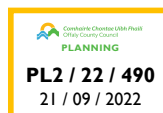


Cross Section (B-B)



Cross Section (C-C)

LEGEND:
 Proposed Road Level
 Existing Road Level



Rev	Date	Description	By	Chkd.
B	13.12.21	Issued for Planning	L.G.	J.O'F
A	05.11.21	Issue	K.D.	LG

Client:
Kilmurray Precast Concrete Ltd.

Project:
**Kilmurray Quarry
 Request for Further Information**

Title:
**Typical Cross Sections
 R400 & Access Road**

Prepared by:
 K. Duffy
 Checked:
 L. Gaffney
 Date:
 November 2021

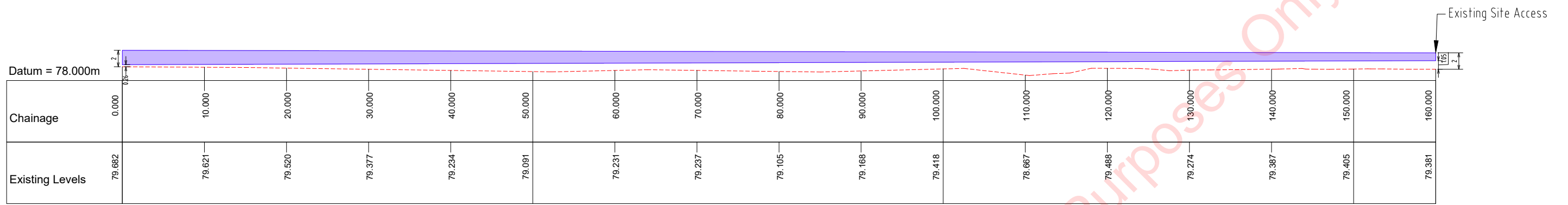
Project Director:
 M. McDonnell
 Drawing Status:
 Planning
 Scale @ A1:
 1:100,(1:200 @A3)

TOBIN
 CONSULTING ENGINEERS
 TOBIN Consulting Engineers,
 Fairgreen House,
 Fairgreen Road,
 Co. Galway, Ireland
 tel: +353 (0)941-565211
 e-mail: info@tobin.ie
 www.tobin.ie

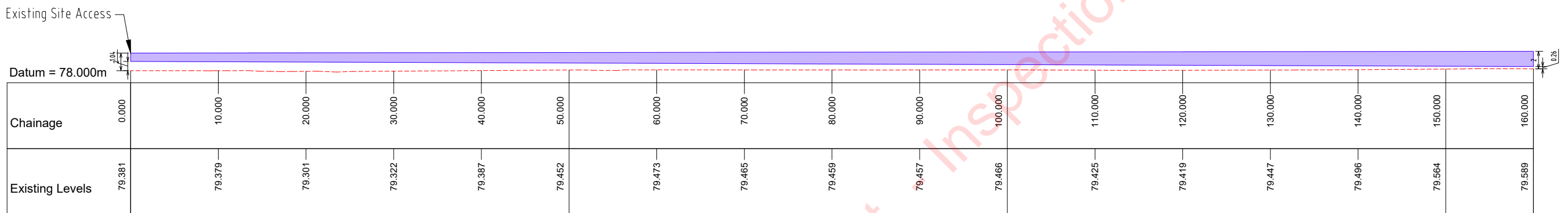
TOBIN Consulting Engineers will not be liable for any use of this document for any purpose other than that for which it was originally prepared and provided. Except where specifically and explicitly agreed in writing by TOBIN Consulting Engineers, its copyright holder, no part of this document may be reproduced or transmitted in any form and this document shall not be relied upon by any third party for any purpose.

Drawing No.:
10884-2002

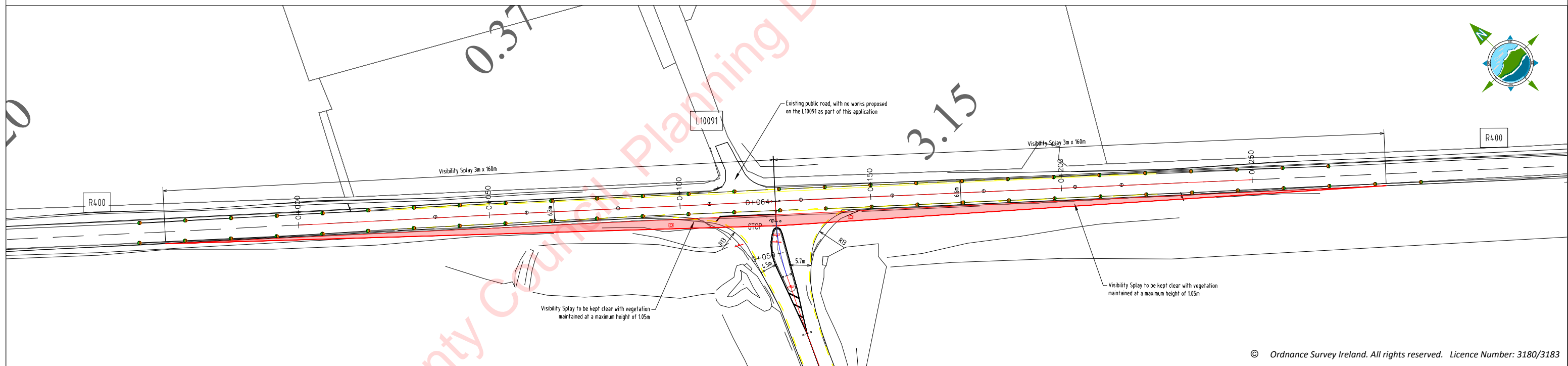
Revision:
B



Horizontal Visibility Splay - West on R400



Horizontal Visibility Splay - East on R400



© Ordnance Survey Ireland. All rights reserved. Licence Number: 3180/3183

LEGEND:
 Visibility Splay in accordance with TII DN-GE0-03031 Section 2.1.

PL2 / 22 / 490
 21 / 09 / 2022

Rev	Date	Description	By	Chkd.
A	05.11.21	Issue	K.D	LG

Client: Kilmurray Precast Concrete Ltd.

Project: Kilmurray Quarry Request for Further Information

Title: Visibility Splay Horizontal & Vertical R400

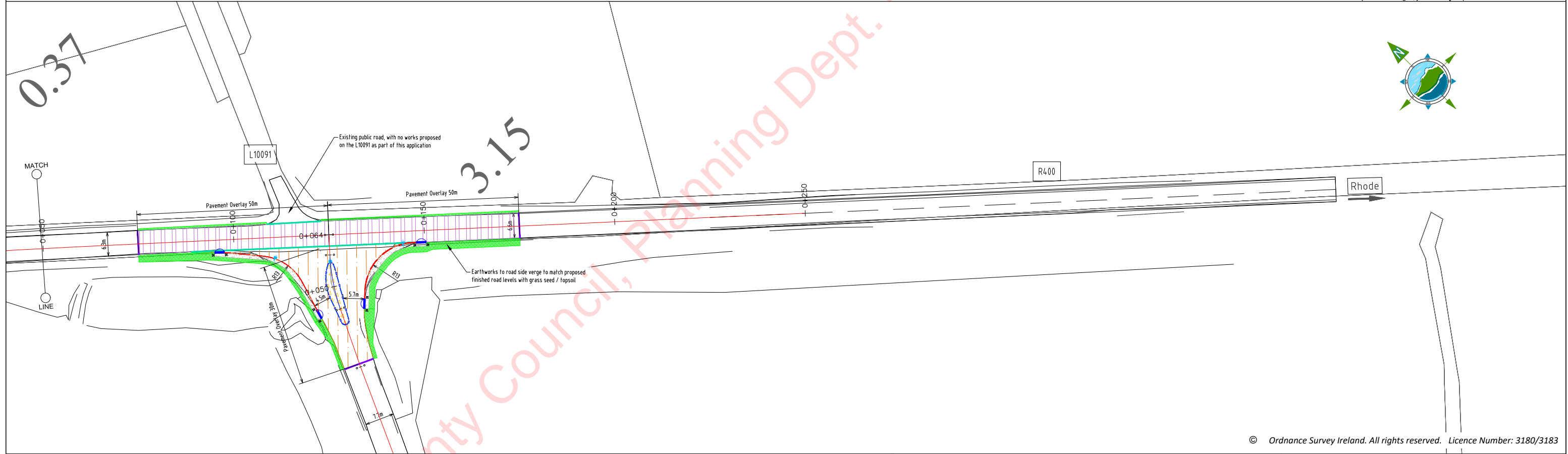
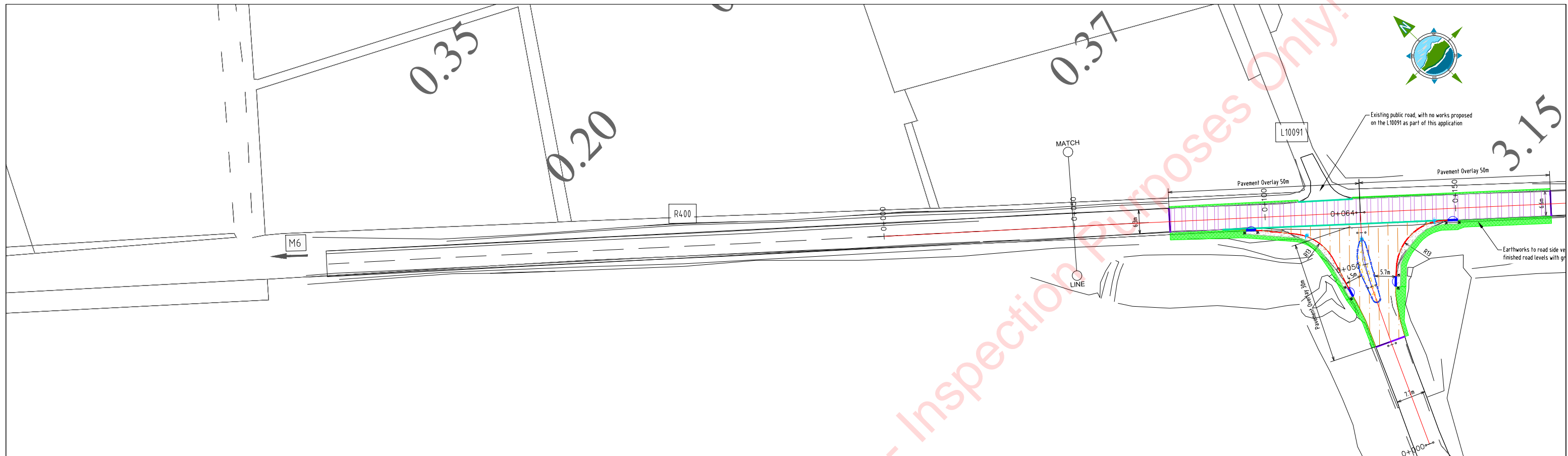
Prepared by: K. Duffy
 Checked: L. Gaffney
 Date: November 2021

Project Director: M. McDonnell
 Drawing Status: Planning
 Scale @ A1: 1:500 (1:1,000 @A3)

TOBIN Consulting Engineers,
 Fairgreen House,
 Co. Galway, Ireland
 tel: +353 (0)941-565211
 e-mail: info@tobin.ie
 www.tobin.ie

TOBIN Consulting Engineers will not be liable for any use of this document for any purpose other than that for which it was originally prepared and provided. Except where specifically and explicitly agreed in writing by TOBIN Consulting Engineers, as copyright holder, no part of this document may be reproduced or transmitted in any form and this document shall not be relied upon by any third party for any purpose.
 Drawing No.: **10884-2003**

Revision: **A**



© Ordnance Survey Ireland. All rights reserved. Licence Number: 3180/3183

- LEGEND:**
- Pavement Type 1: 40mm surface course & 60mm binder course on geogrid
 - Pavement Type 2: double surface dressing to CC-SPW-00900
 - Channeling Island to TII CC-SCD-01110
 - Concrete Footway to TII CC-SCD-01105 Type 1
 - Grass Verges - Topsoil & Seed / 300mm Topsoil in Landscape Areas / Earthworks
 - Transverse Joint to TII CC-SCD-00703
 - Longitudinal Joint to TII CC-SCD-00704
 - Kerb to TII CC-SCD-01101 Type C
 - Kerb to TII CC-SCD-01110 with 45° splayed kerb maximum of 80mm above road level.
 - Drop Kerb
 - Gully to TII CC-SCD-00510
- NOTES:**
- All dimensions are in metres unless otherwise stated.
 - Pavement Design in accordance with Guidelines for the rehabilitation of roads over peat (Green Book) subject to geotechnical investigation at detailed design stage.
 - Drawings should be read in accordance with the TII Publications.

PL2 / 22 / 490
21 / 09 / 2022

Rev	Date	Description	By	Chkd.
B	13.12.21	Issue for Planning	L.G.	J.O'F
A	05.11.21	Issued for RSA	K.D	LG

Client:
Kilmurray Precast Concrete Ltd.

Project:
Kilmurray Quarry
Request for Further Information

Title:
Pavement and Kerbs

Prepared by:
K. Duffy

Checked:
L. Gaffney

Date:
November 2021

Project Director:
M. McDonnell

Drawing Status:
Planning

Scale @ A1:
1:500 (1:1,000 @A3)

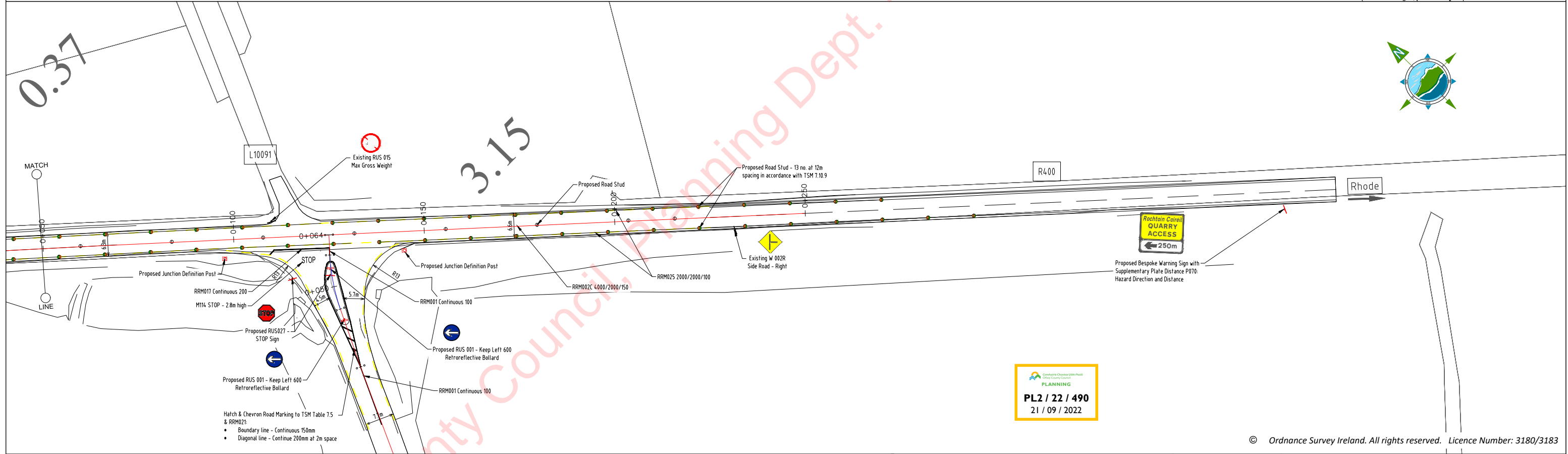
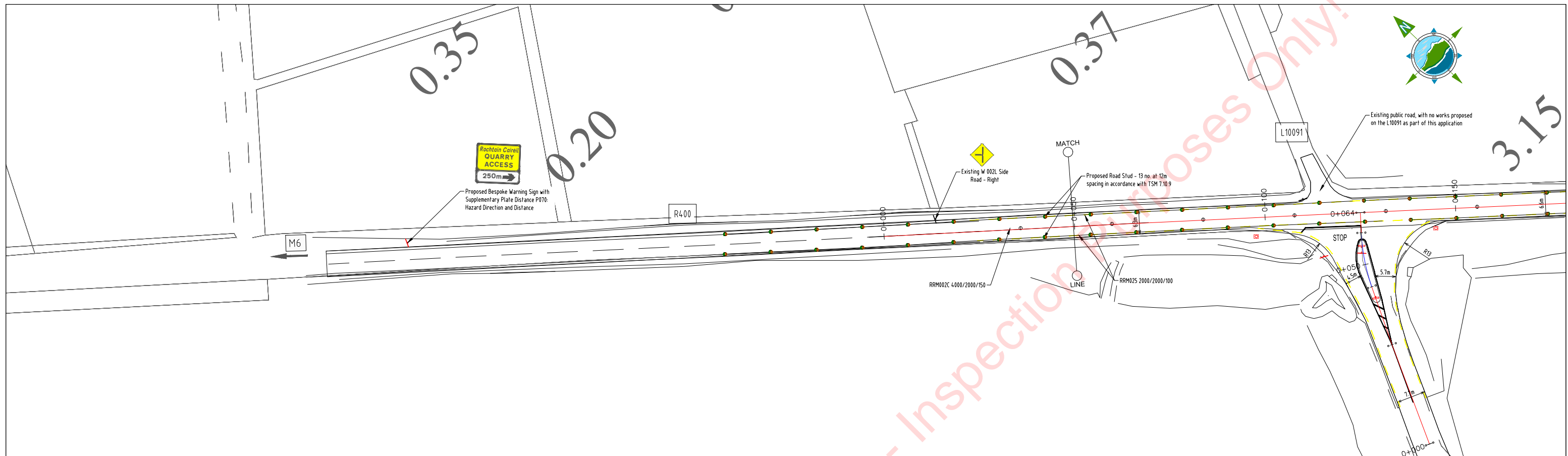
TOBIN CONSULTING ENGINEERS


TOBIN Consulting Engineers,
Fairgreen House,
Co. Galway, Ireland
tel: +353 (0)941-565211
e-mail: info@tobin.ie
www.tobin.ie

TOBIN Consulting Engineers will not be liable for any use of this document for any purpose other than that for which it was originally prepared and provided. Except where specifically and explicitly agreed in writing by TOBIN Consulting Engineers, as copyright holder, no part of this document may be reproduced or transmitted in any form and this document shall not be relied upon by any third party for any purpose.

Drawing No.:
10884-2004

Revision:
B




PL2 / 22 / 490
 21 / 09 / 2022

© Ordnance Survey Ireland. All rights reserved. Licence Number: 3180/3183

- LEGEND:**
- Edge of Carriageway RRM025 - 2000/2000/100
 - Warning Line RRM02C - 4000/2000/150
 - Warning Line RRM017 Continuous - 200
 - Warning Line RRM001 Continuous - 100
 - STOP STOP Text - 2.8m High
 - Proposed White Bidirectional Road Stud
 - Proposed Yellow Bidirectional Road Stud
 - Proposed Green Bidirectional Road Stud
 - Proposed Yellow/Green Road Stud
 - Proposed Road Sign
 - Existing Road Sign
 - Proposed Reflectorised Bollard
 - Proposed Junction definition Post to TII CC-SDC-01204
- Note:**
- All road markings and signs in accordance with the Traffic Signs Manual (DoT).
 - Road Signs to be setback a minimum of 600mm from road edge.
 - Road Sign mounting height to 15m.
 - Road Sign posts to be 76mm or 89mm in diameter and maximum of 3.2mm thickness in accordance with TII Specification Series 1200
 - Road Signs and marking to have reflectivity in accordance with TII Specification Series 1200
 - Road Studs:
 - Contractor to confirm tie in between proposed and existing road studs on site to the approval of the Employers Representative.
 - On approach to the junctions, 13 green studs shall be provided at 12m centres in advance of the junction on both approaches.

Rev	Date	Description	By	Chkd.
B	13.12.21	Issue for Planning	L.G.	J.O'F
A	05.11.21	Issue to RSA	KD	LG

Client: **Kilmurray Precast Concrete Ltd.**
 Project: **Kilmurray Quarry Request for Further Information**
 Title: **Road Markings and Signs**

Prepared by: **K. Duffy**
 Checked: **L. Gaffney**
 Date: **November 2021**
 Project Director: **M. McDonnell**
 Drawing Status: **Planning**
 Scale @ A1: **1:500 (1:1,000 @A3)**


TOBIN CONSULTING ENGINEERS
 TOBIN Consulting Engineers,
 Fairgreen House,
 Co. Galway, Ireland
 tel: +353 (0)941-565211
 e-mail: info@tobin.ie
 www.tobin.ie

TOBIN Consulting Engineers will not be liable for any use of this document for any purpose other than that for which it was originally prepared and provided. Except where specifically and explicitly agreed in writing by TOBIN Consulting Engineers, as copyright holder, no part of this document may be reproduced or transmitted in any form and this document shall not be relied upon by any third party for any purpose.

Drawing No.: **10884-2005**
 Revision: **B**