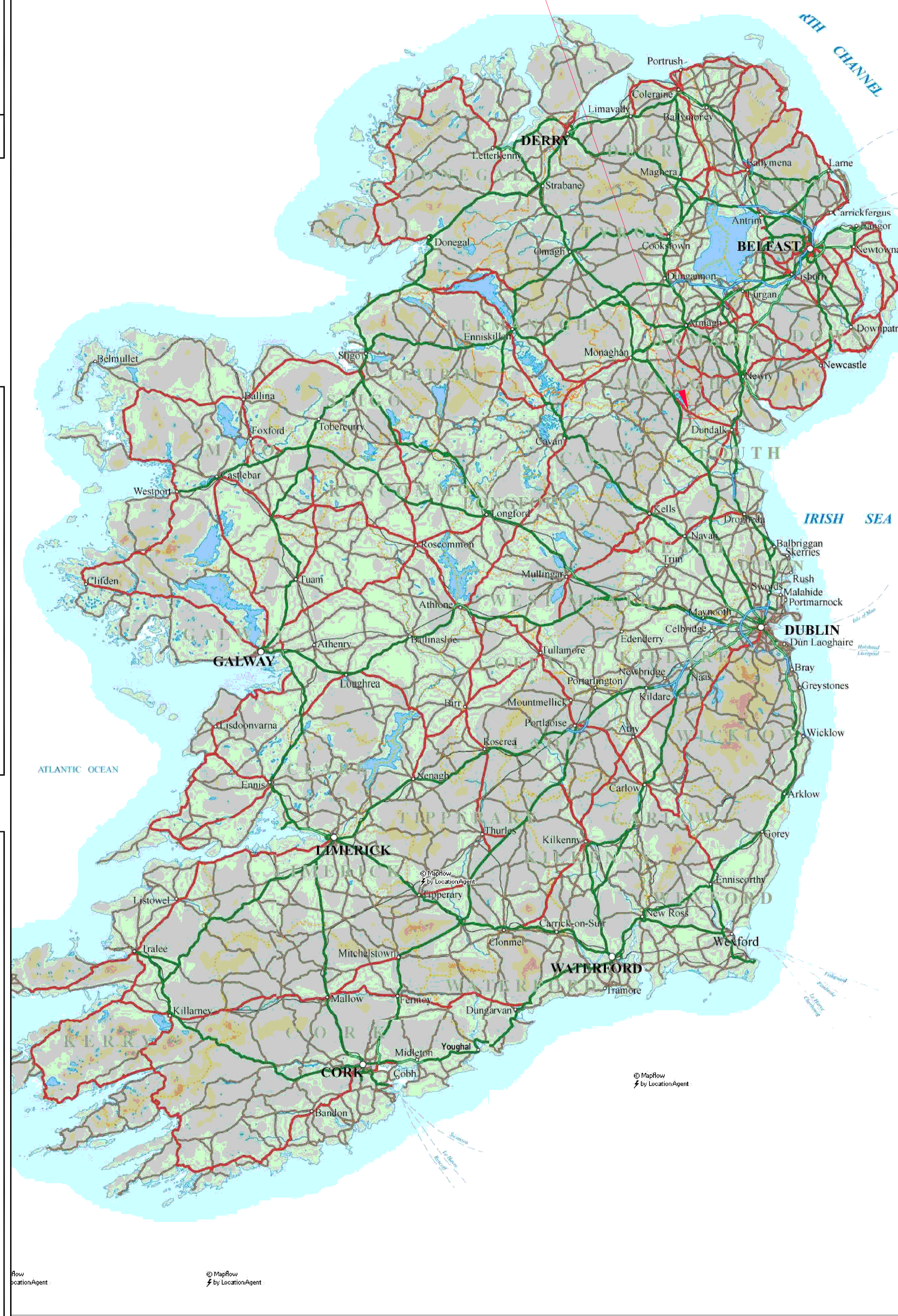


DO NOT SCALE

A1

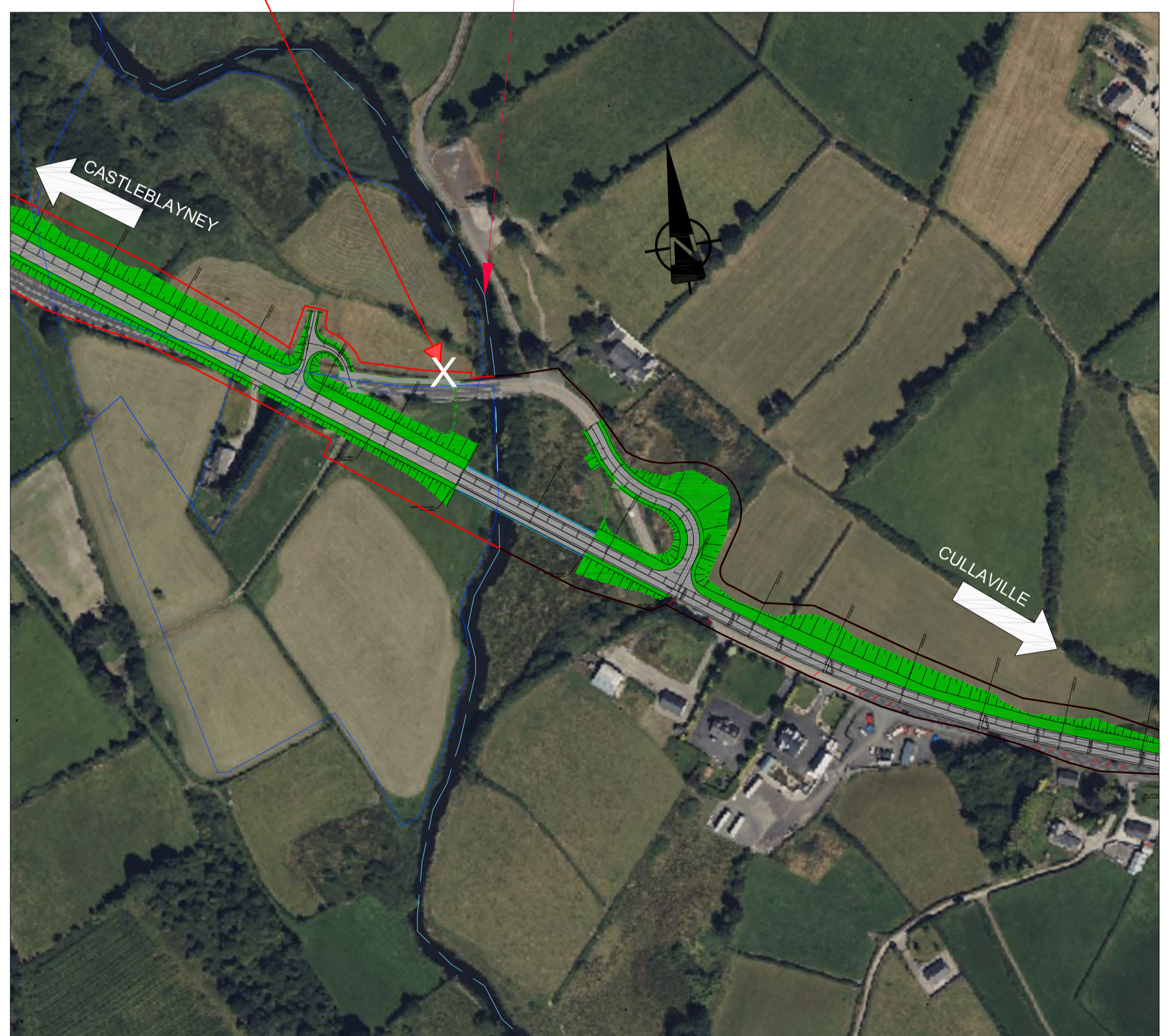
BALLYNACARRY BRIDGE REPLACEMENT
 E: 287515.596
 N: 314079.827



MAP OF IRELAND
 SCALE 1:1000000

**BORDER BETWEEN
 REPUBLIC OF IRELAND
 AND NORTHERN
 IRELAND**

SITE NOTICE



SCHEME LOCATION
 SCALE 1:2500

Rev	Description	Date	Auth
2	Preliminary Design	14/07/2023	PM
1	Preliminary Design	20/06/2023	PM

Rev	Description	By	Date	Chk'd	Auth
2	Preliminary Design	HC	14/07/2023	HC	PM
1	Preliminary Design	HC	20/06/2023	HC	PM

Client
Monaghan County Council



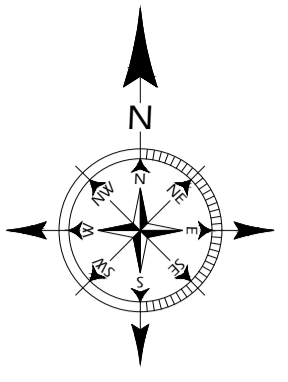
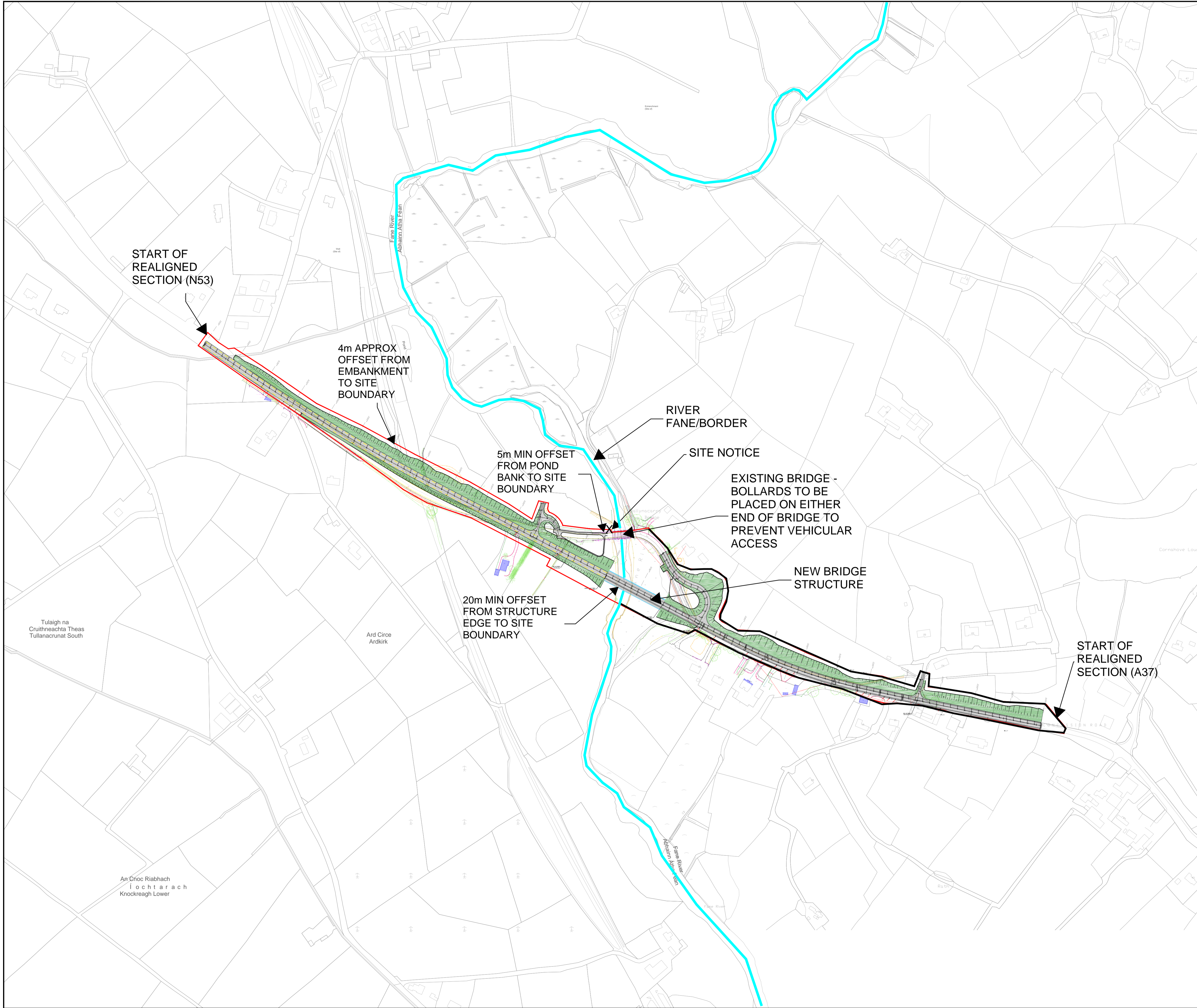
Project
N53/A37 Ballynacarry Bridge Replacement Scheme

Designer
ARUP
 50 Ringsend Road
 D04 T6X0
 Dublin
 Ireland

Title
Site Location Plan

Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A1	As Shown	HC	HC	RR
		Date 08/02/2024	Date 08/02/2024	Date 08/02/2024

Status	Drawing Number	Rev
P	N53A37-ARUP-ZZ-XX-DR-CB-000	P2



LEGEND:

— SITE EXTENT

NOTE:
 THERE WILL BE ONE JUNCTION ON THE NORTHERN IRELAND SIDE OF THE NEW BRIDGE, ON THE A37 SIDE. THIS WILL PROVIDE LOCAL ACCESS TO THE HOUSES ADJACENT TO THE EXISTING BRIDGE AND TO THE BOREEN ROAD UPSTREAM AND PARALLEL TO THE RIVER FANE. ON THE N53 SIDE THERE WILL BE A FIELD ACCESS TO ALLOW FOR AN ENTRANCE POINT TO THE LAND TO THE NORTH OF THE EXISTING BRIDGE. NO VEHICULAR ACCESS WILL BE PERMITTED ON THE EXISTING BRIDGE WITH BOLLARDS ON EITHER SIDE OF THE BRIDGE TO PREVENT SUCH ACCESS. IT WILL BE USED FOR LOCAL PEDESTRIAN ACCESS ONLY. MAINTENANCE OF THE EXISTING BRIDGE WILL FALL UNDER THE RESPONSIBILITY OF THE LOCAL AUTHORITY.

Stat	Purpose of Issue	Date	Auth
P3	For Planning	HC 16.08.23	
P2	Updated Design	KL 15.08.23	
P1	Road Alignment added	KL 18.07.23	

Client
Monaghan County Council



Project
N53/A37 Ballynacarry Bridge Replacement Scheme

Designer
ARUP
 50 Ringsend Road
 D04 T6X0
 Dublin
 Ireland

Title
Site Location Map

Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A1	1:2500	KL	FF	-
Status	Drawing Number	Date	Date	Date
P	N53A37-ARUP-ZZ-XX-DR-CH-001	20/06/2023	20/06/2023	20/06/2023

Rev
P3

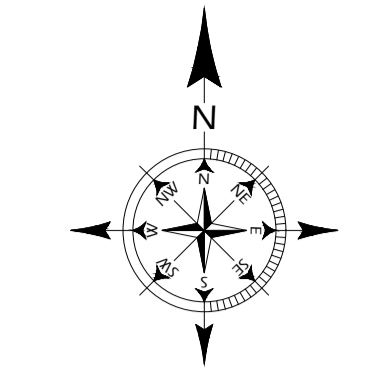
Drawing Number
N53A37-ARUP-ZZ-XX-DR-CH-017

Status
P

DO NOT SCALE



A1



LEGEND:

- PROPOSED GRASS VERGE / EMBANKMENT
- PROPOSED CARRIAGEWAY
- PROPOSED ATTENUATION POND
- PROPOSED SPOT LEVEL
- CH 500.000m CHAINAGE MARKER
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED STORM SEWER
- PROPOSED MANHOLE 1.8mØ
- PROPOSED HEADWALL
- SITE EXTENT

Stat	P1 For Planning	Date	16.08.23	Auth	
Rev	P3 Minor amendments	By	KL	Date	06.09.23
	P2 Minor amendment MCC comments	By	KL	Date	04.09.23
	P1 Red line added	By	KL	Date	16.08.23

Client
Monaghan County Council



Project
N53/A37 Ballynacarry Bridge Replacement Scheme

Designer
ARUP
50 Ringsend Road
D04 T6X0
Dublin
Ireland

Title
Proposed Storm Drainage Sheet 1 of 4

Sheet Size	A1	Original Scale	1:500	Designed/Drawn	KL	Checked	FF	Authorised	-
Date	20/06/2023	Date	20/06/2023	Date	20/06/2023	Date	20/06/2023	Rev	
Status	P	Drawing Number	N53A37-ARUP-ZZ-XX-DR-CH-017	Rev					P3

Rev

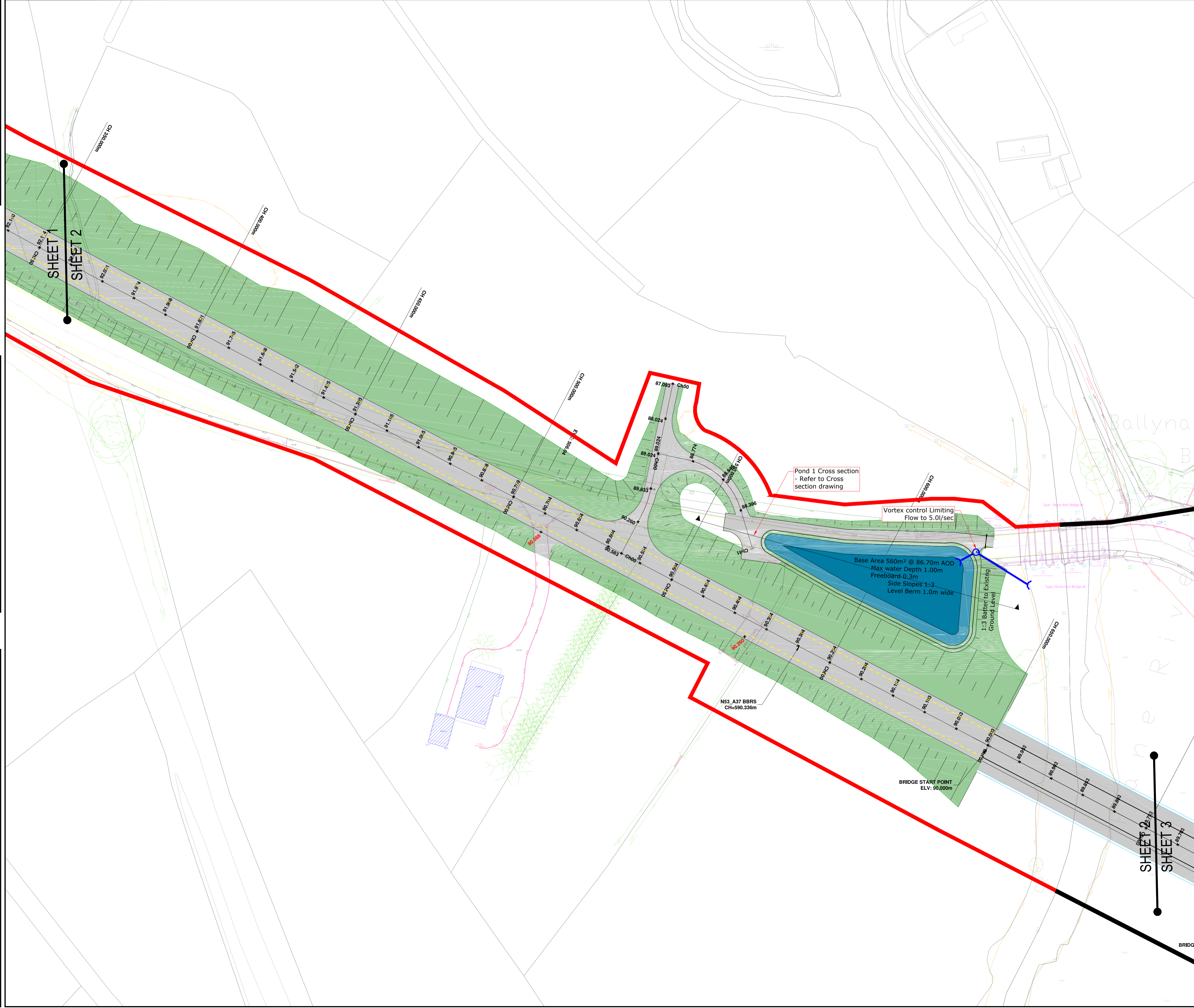
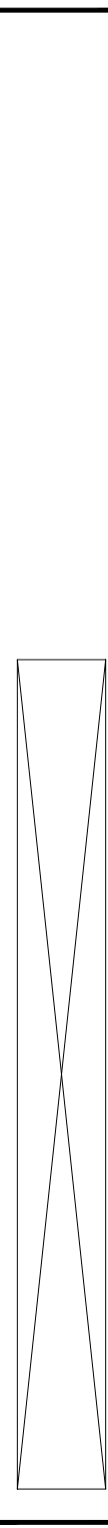
P3

Drawing Number
N53A37-ARUP-ZZ-XX-DR-CH-018

Status
P

DO NOT SCALE

A1



LEGEND:

- PROPOSED GRASS VERGE / EMBANKMENT
- PROPOSED CARRIAGEWAY
- PROPOSED ATTENUATION POND
- PROPOSED SPOT LEVEL
- CH 500.000m CHAINAGE MARKER
- PROPOSED STORM SEWER
- PROPOSED MANHOLE 1.8mØ
- PROPOSED HEADWALL
- SITE EXTENT

P1	For Planning	16.08.23	
Stat.	Purpose of Issue	Date	Auth
P3	Minor amendments	KL	06.09.23
P2	Minor amendment MCC comments	KL	04.09.23
P1	Red line added	KL	16.08.23

Client
Monaghan County Council



Project
N53/A37 Ballynacarry Bridge Replacement Scheme

Designer
ARUP
50 Ringsend Road
D04 T6X0
Dublin
Ireland

Title
Proposed Storm Drainage Sheet 2 of 4

Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A1	1:500	KL	FF	-
Status	Drawing Number	Date	Date	Date
P	N53A37-ARUP-ZZ-XX-DR-CH-018	20/06/2023	20/06/2023	20/06/2023
Rev				
				P3

Rev

P3

Drawing Number

N53A37-ARUP-ZZ-XX-DR-CH-019

Status

P

DO NOT SCALE

100

10

0

A1

SHEET 2

SHEET 3

SHEET 3

SHEET 4

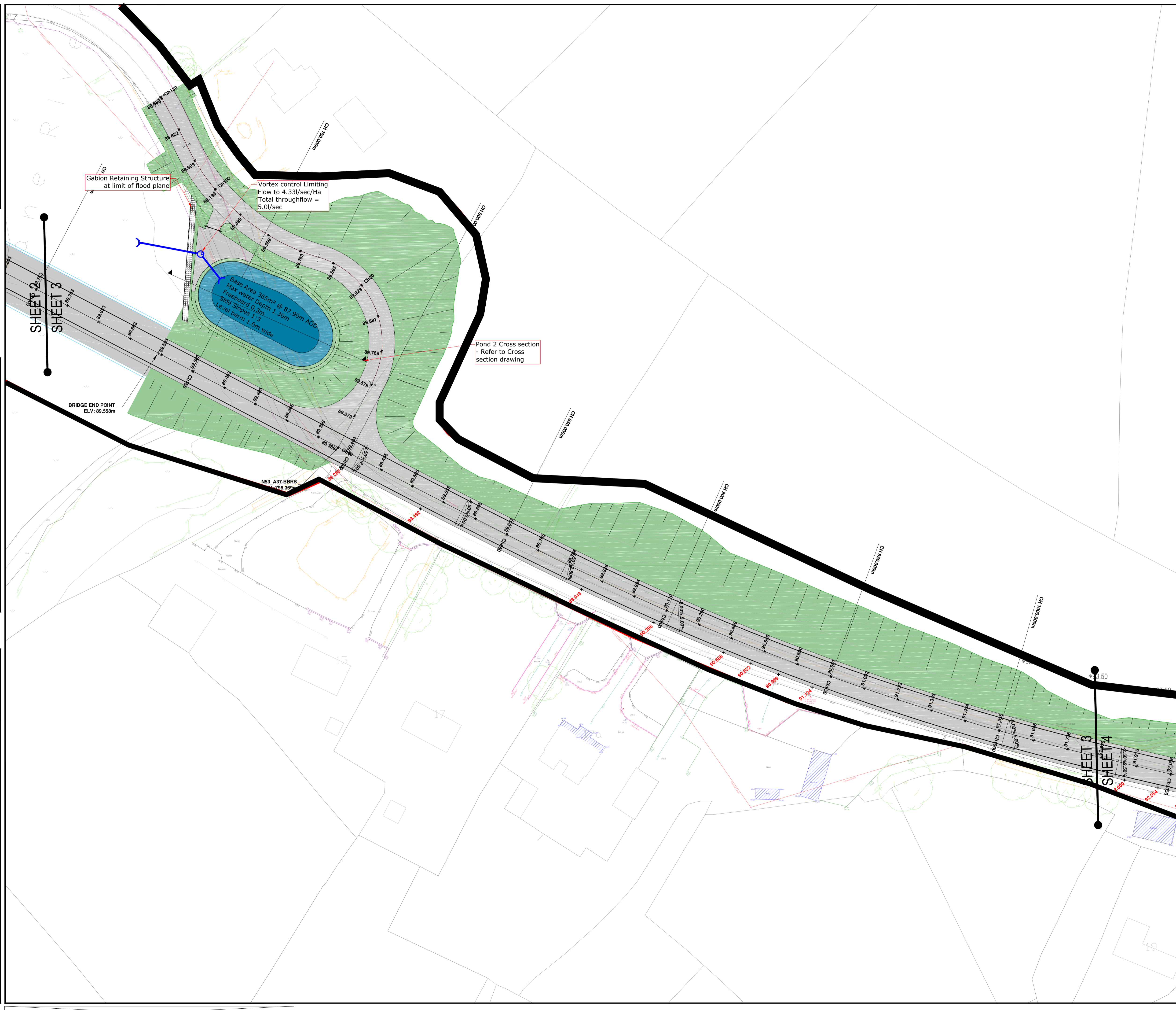
BRIDGE END POINT
ELV: 89.558m

N53_A37_BBRS
89.363

CH 100.00m

CH 100.00m

CH 100.00m



LEGEND:

- PROPOSED GRASS VERGE / EMBANKMENT
- PROPOSED CARRIAGEWAY
- PROPOSED ATTENUATION POND
- PROPOSED SPOT LEVEL
- CH 500.000m CHAINAGE MARKER
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED STORM SEWER
- PROPOSED MANHOLE 1.8mØ
- PROPOSED HEADWALL
- SITE EXTENT

P1 For Planning	16.08.23
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Stat Purpose of Issue	Date	Auth
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P3 Minor amendments	KL	06.09.23
P2 Minor amendment MCC comments	KL	04.09.23
P1 Red line added	KL	16.08.23

Rev	Description	By	Date	Chk'd	Auth
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Client
Monaghan County Council



Project
N53/A37 Ballynacarry Bridge Replacement Scheme

Designer
ARUP
50 Ringsend Road
D04 T6X0
Dublin
Ireland

Title
Proposed Storm Drainage Sheet 3 of 4

Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A1	1:500	KL	FF	-
Date	Date	Date	Date	Date
20/06/2023	20/06/2023	20/06/2023	20/06/2023	20/06/2023

Status	Drawing Number	Rev
P	N53A37-ARUP-ZZ-XX-DR-CH-019	P3

Rev

P3

Drawing Number
N53A37-ARUP-ZZ-XX-DR-CH-020

Status
P

DO NOT SCALE

100
10
0

A1



LEGEND:

- PROPOSED GRASS VERGE / EMBANKMENT
- PROPOSED CARRIAGEWAY
- PROPOSED ATTENUATION POND
- PROPOSED SPOT LEVEL
- CHAINAGE MARKER
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED STORM SEWER
- PROPOSED MANHOLE 1.8mØ
- PROPOSED HEADWALL
- SITE EXTENT

P1	For Planning	16.08.23	
Stat.	Purpose of Issue	Date	Auth
P3	Minor amendments	KL	06.09.23
P2	Minor amendment MCC comments	KL	04.09.23
P1	Red line added	KL	16.08.23
Rev	Description	By	Date

Client
Monaghan County Council

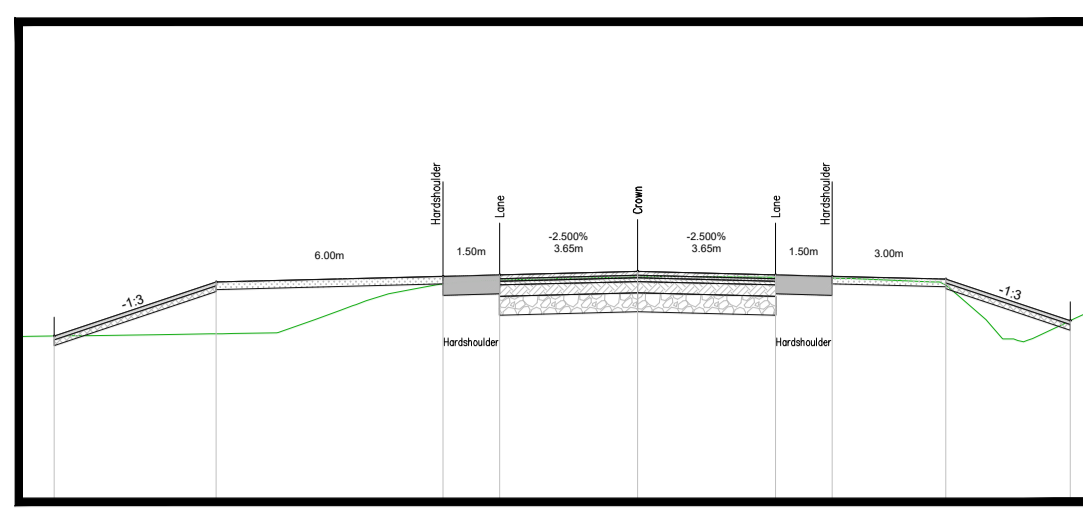


Project
N53/A37 Ballynacarry Bridge Replacement Scheme

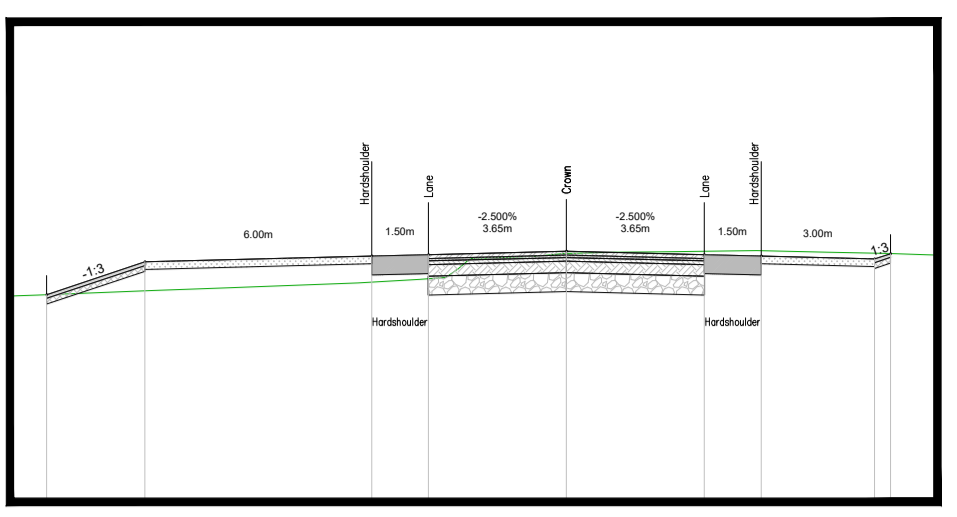
Designer
ARUP
50 Ringsend Road
D04 T6X0
Dublin
Ireland

Title
Proposed Storm Drainage Sheet 4 of 4

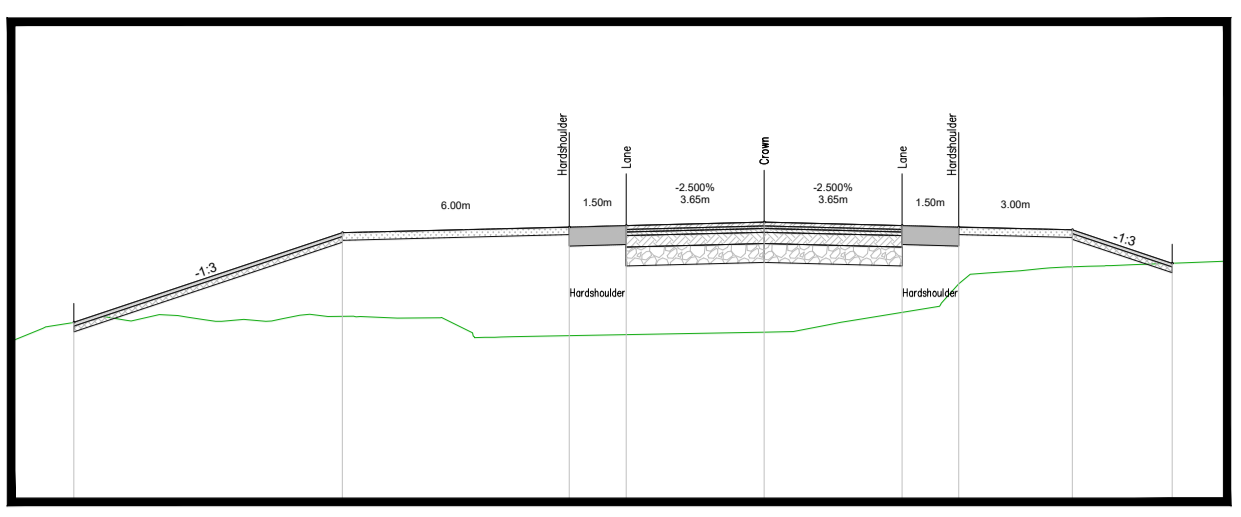
Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
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Status	Drawing Number	Date	Date	Date
P	N53A37-ARUP-ZZ-XX-DR-CH-020	20/06/2023	20/06/2023	20/06/2023
				Rev
				P3



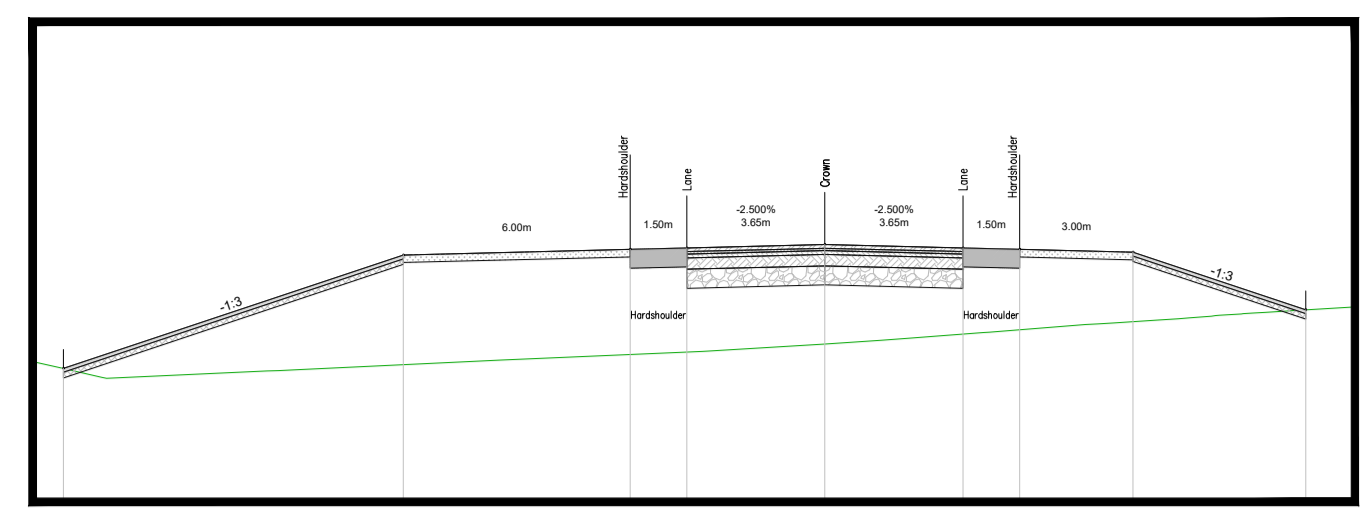
Cross Section Chainage 100m



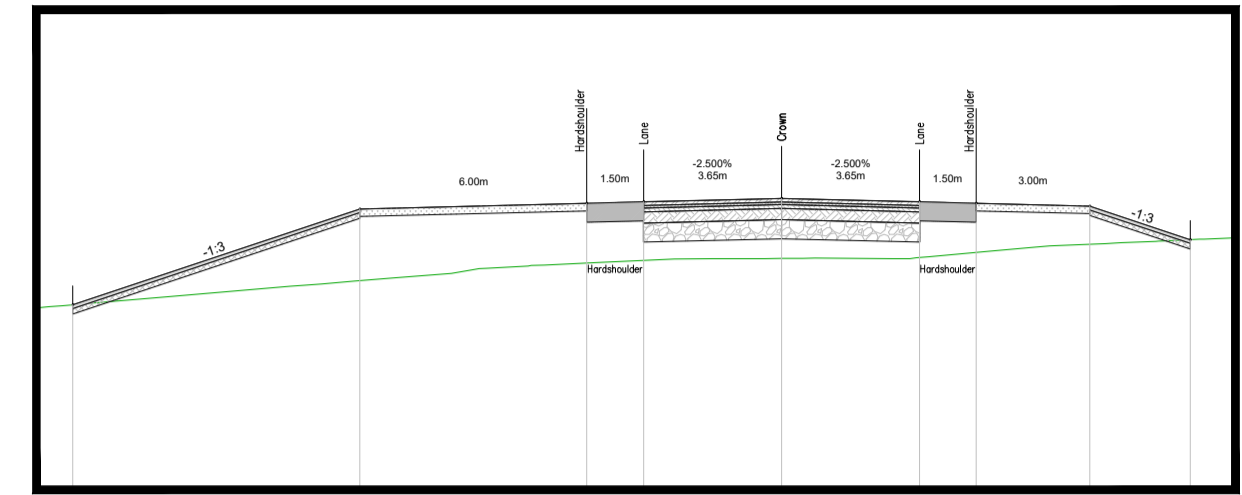
Cross Section Chainage 200m



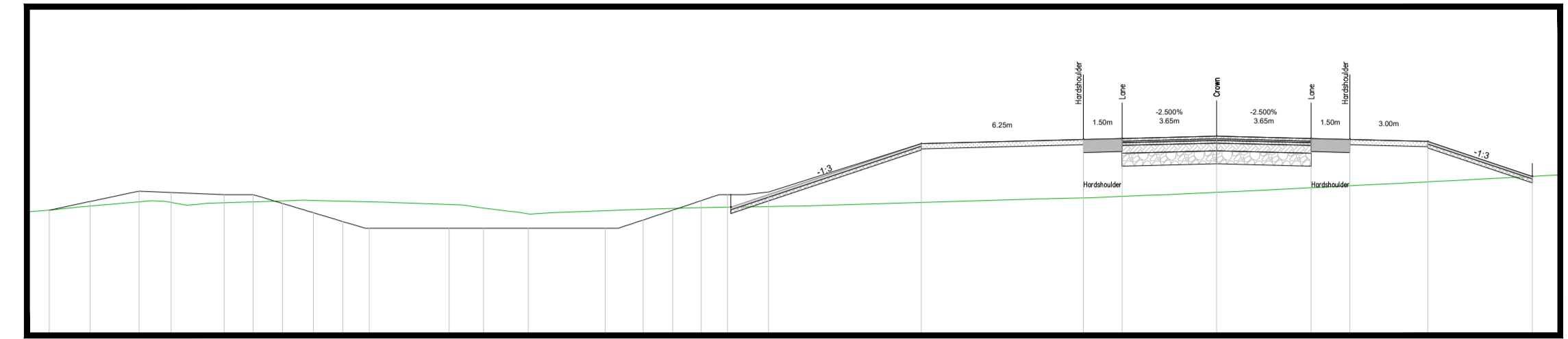
Cross Section Chainage 300m



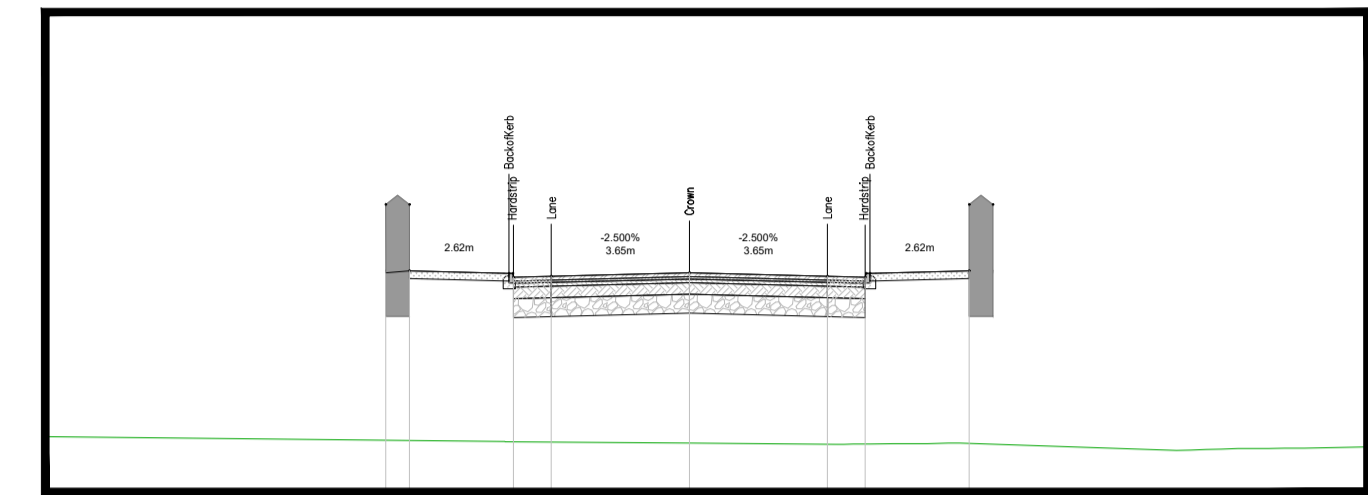
Cross Section Chainage 400m



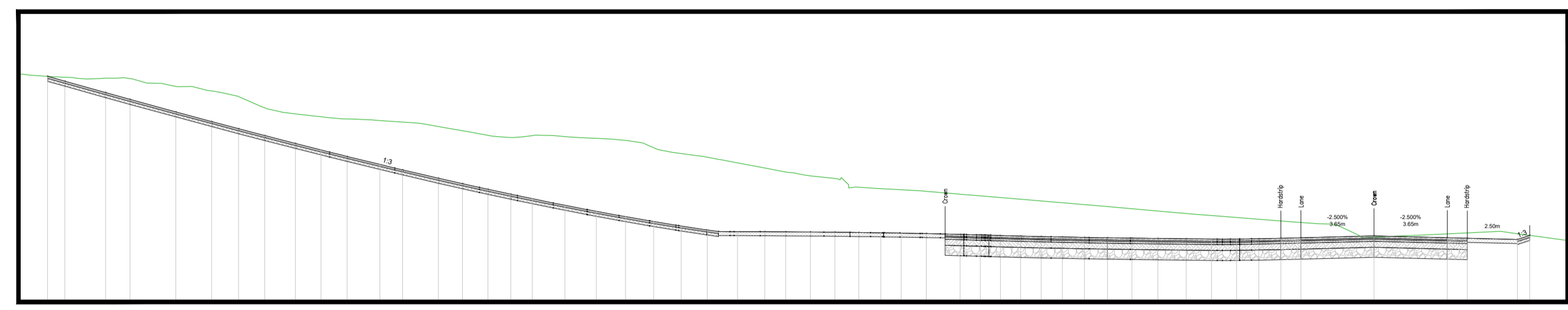
Cross Section Chainage 500m



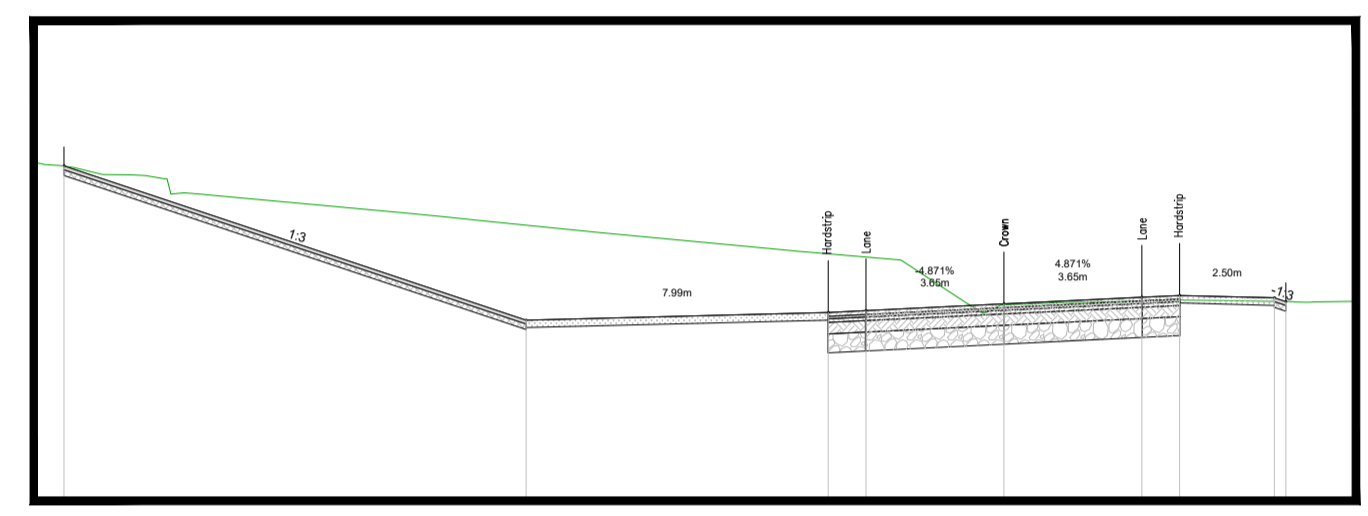
Cross Section Chainage 600m



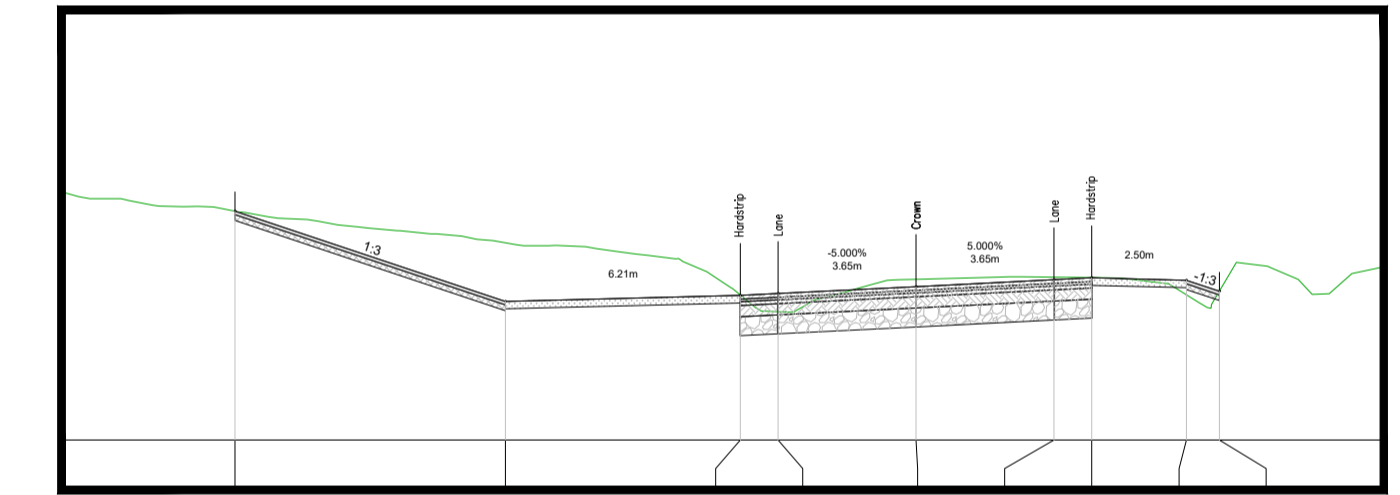
Cross Section Chainage 700m



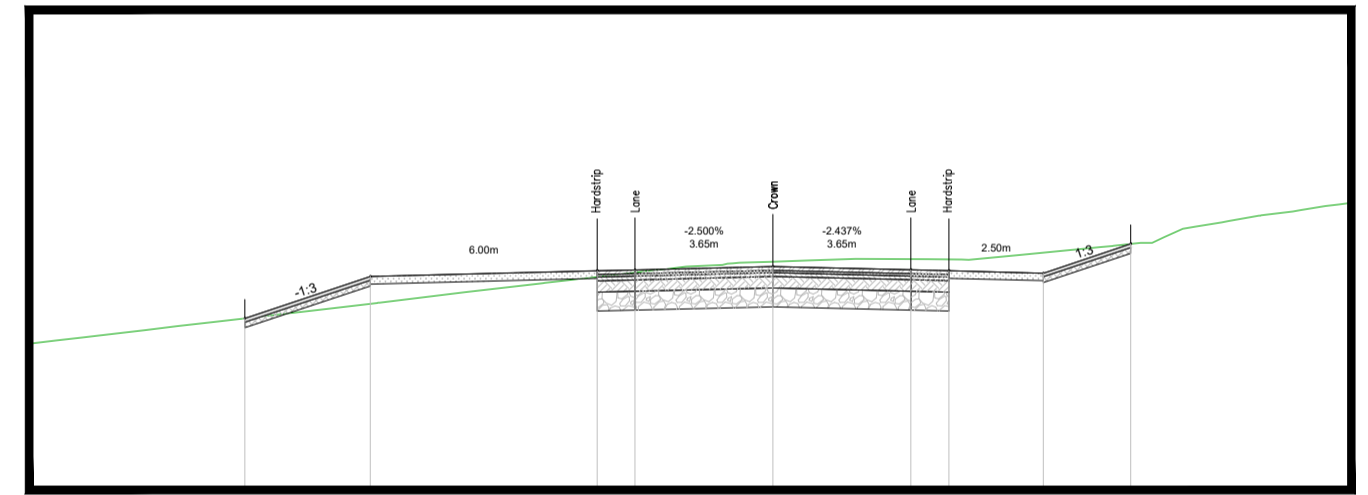
Cross Section Chainage 800m



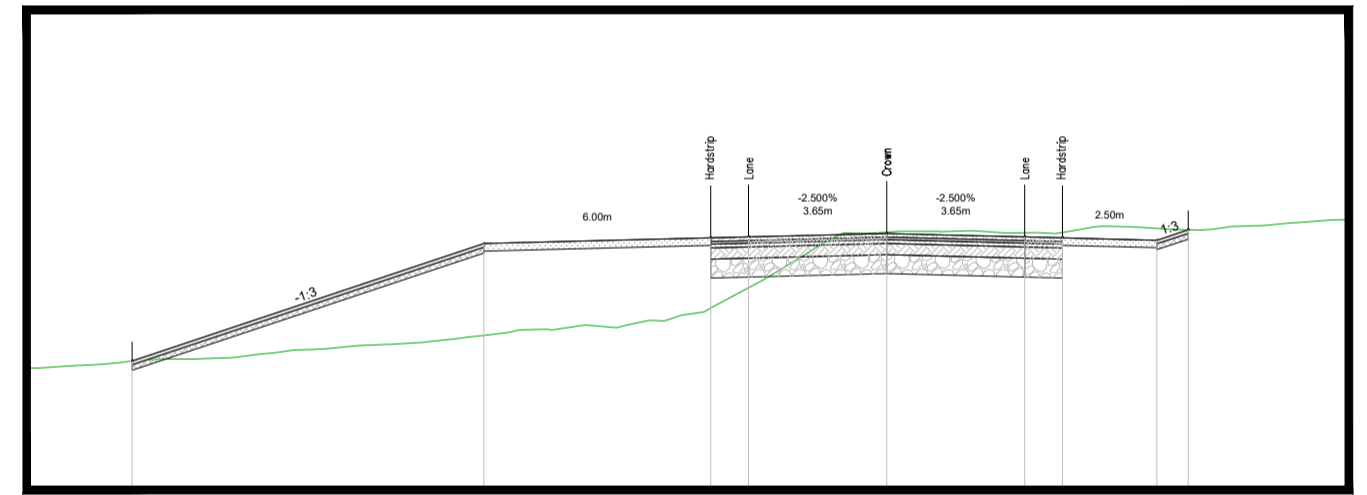
Cross Section Chainage 900m



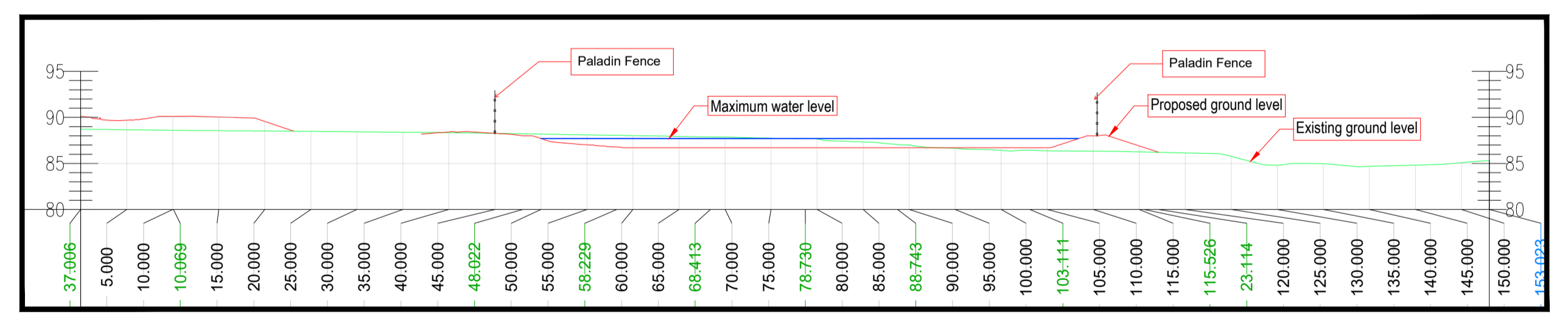
Cross Section Chainage 1000m



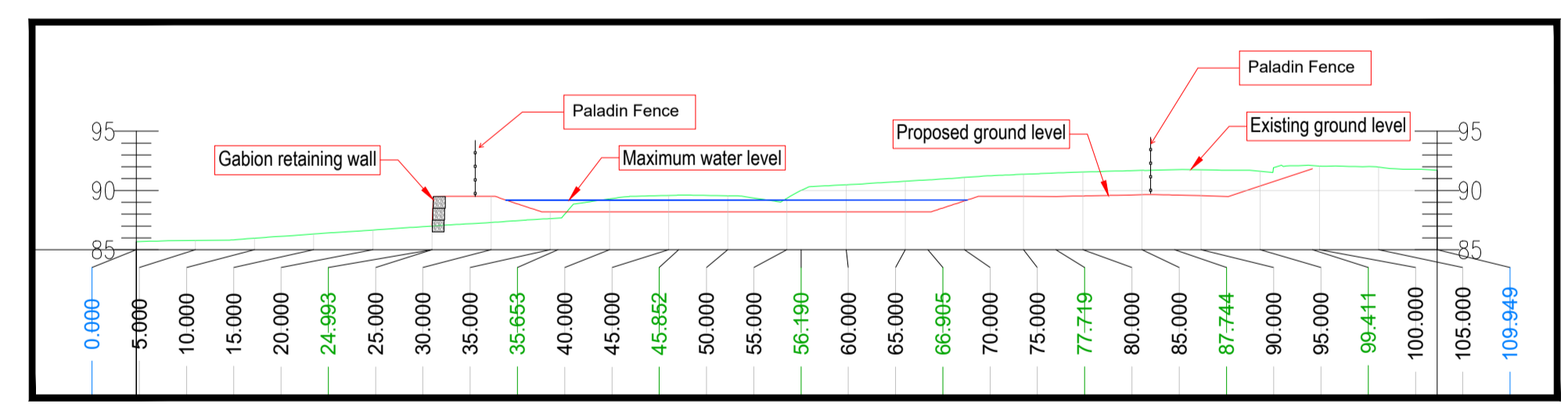
Cross Section Chainage 1100m



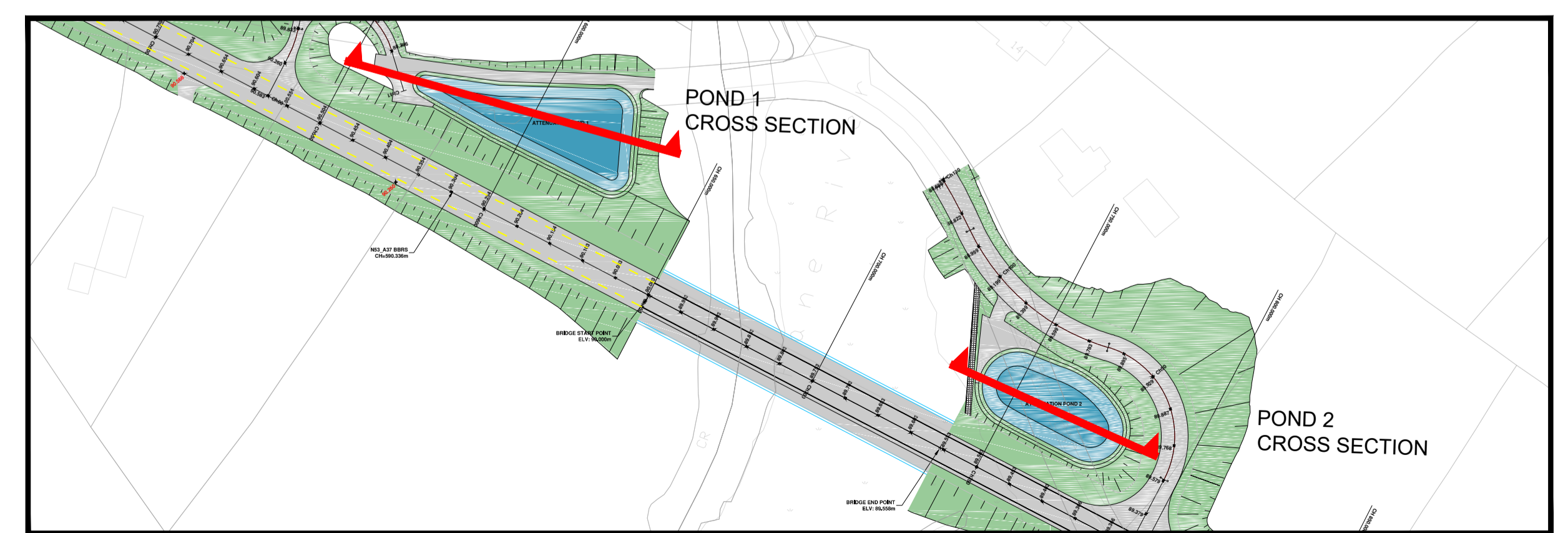
Cross Section Chainage 1200m



Attenuation Pond 1 Cross Section Scale: 1:500



Attenuation Pond 2 Cross Section Scale: 1:500



Drawing Extract - Refer to drawings N53A37-ARUP-ZZ-XX-DR-CH-018 & N53A37-ARUP-ZZ-XX-DR-CH-019

Rev	Description	By	Date	Chk'd	Auth
P2	Minor amendment	KL	06.09.23		
P1	Minor amendment MCC comments	KL	05.09.23		

Client
Monaghan County Council

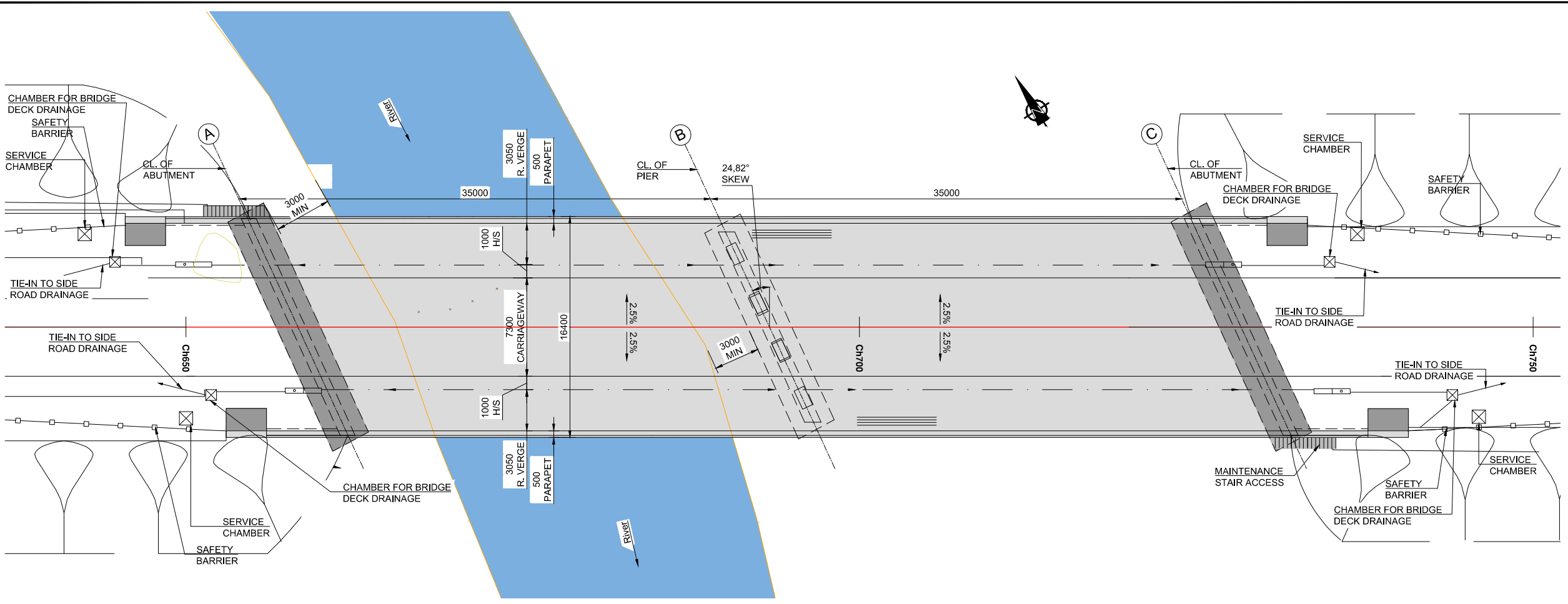


Project
N53/A37 Ballynacarry Bridge Replacement Scheme

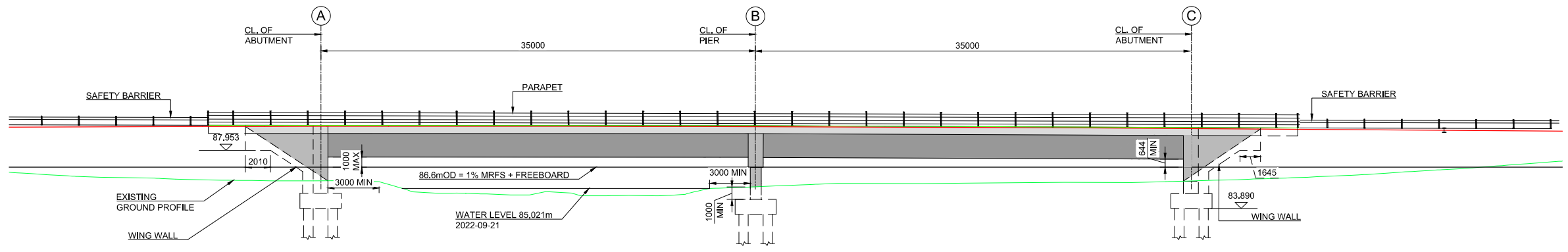
Designer
ARUP
 50 Ringsend Road
 D04 T6X0
 Dublin
 Ireland

Title
Cross Sections

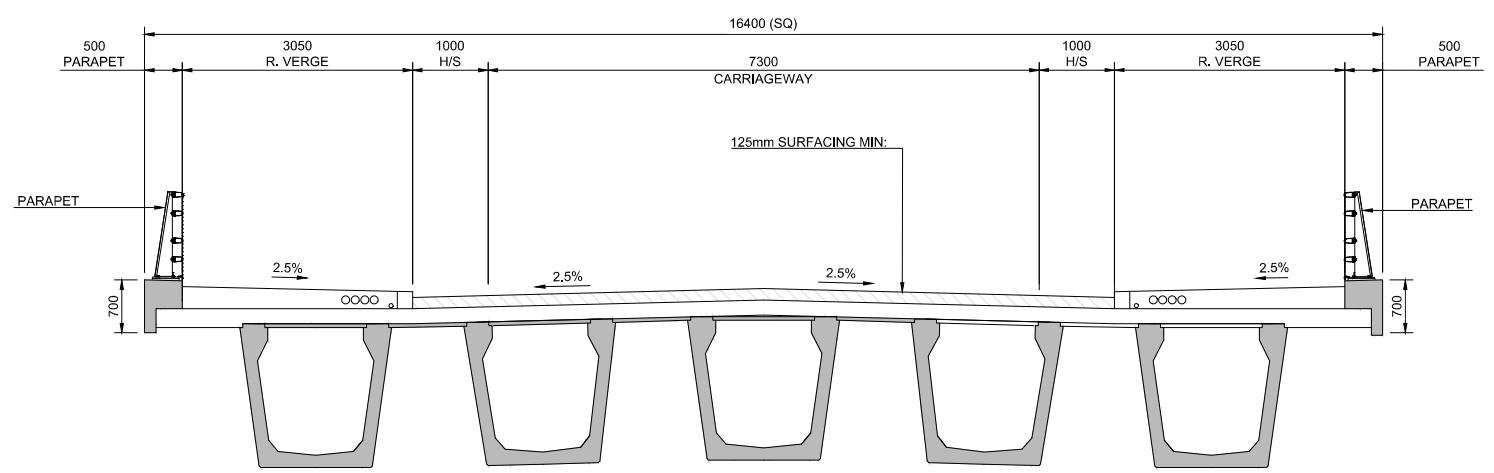
Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A1	1:200	KL	FF	-
Status	Drawing Number	Date	Date	Date
P	N53A37-ARUP-ZZ-XX-DR-CH-006	20/06/2023	20/06/2023	20/06/2023



PLAN ON BRIDGE
SCALE: 1:175



BRIDGE ELEVATION
SCALE: 1:200



DECK CROSS SECTION
SCALE: 1:50

- NOTES:
- ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE SHOWN IN METRES ABOVE ORDNANCE DATUM.

Stat	Purpose of Issue	Date	Auth
3	For Planning	11/08/2023	PM
2	For Information	14/07/2023	PM
1	For Information	01/06/2023	PM

Client
Monaghan County Council

Project
N53/A37 Ballynacarry Bridge Replacement Scheme

Designer
ARUP
50 Ringsend Road
D04 T6X0
Dublin
Ireland

Title
General arrangement

Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A1	As shown	KR	HC	PM
Status	Drawing Number	Date	Date	Date
P	N53A37-ARUP-ZZ-XX-DR-CB-002	14/07/2023	14/07/2023	14/07/2023