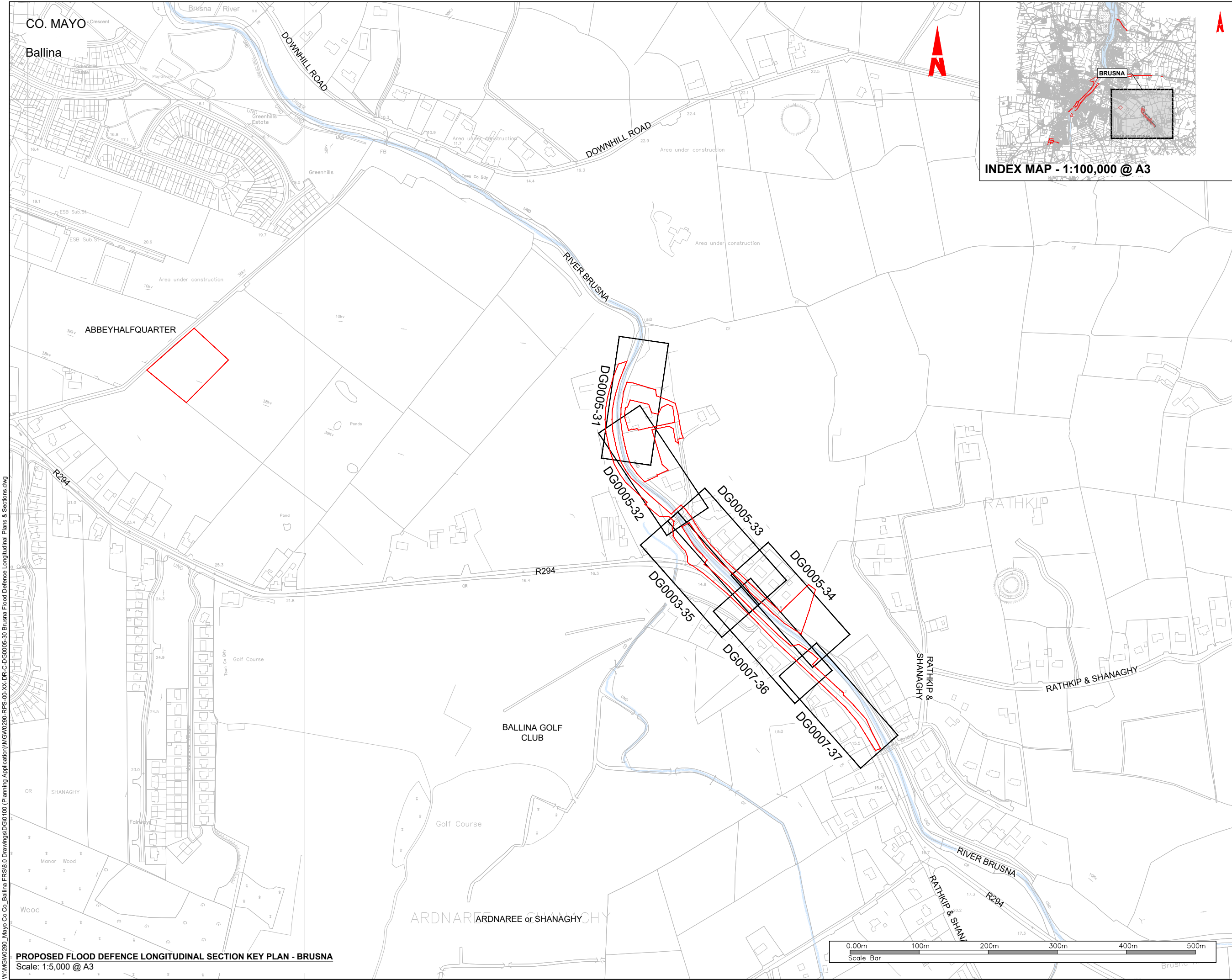




INDEX MAP - 1:100,000 @ A3

- General Notes
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 - (v) All Levels refer to Ordnance Survey Datum, Malin Head.

LEGEND:
PROPOSED REDLINE BOUNDARY

- FOR LOCATION PLANS, REFER TO DG0005-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0005-10 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0005-50 SERIES

A1 CO1	07/04/25	RPS	AUTHORISED & ACCEPTED FOR PLANNING	RPS
PO2	27/03/25	RPS	REVIEW & AUTHORISATION	RPS
S4 PO1	20/01/25	RPS	REVIEW & AUTHORISATION	RPS
Rev	Date	Drawn By	Amendment / Issue	App

Client
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Mayo County Council



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Project
**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title
**PROPOSED FLOOD DEFENCE
LONGITUDINAL SECTION KEY PLAN
- BRUSNA**

Model File Identifier
N/A

File Identifier
MGW0290-RPS-00-XX-DR-C-DG0005-30

Created on
21/11/2024

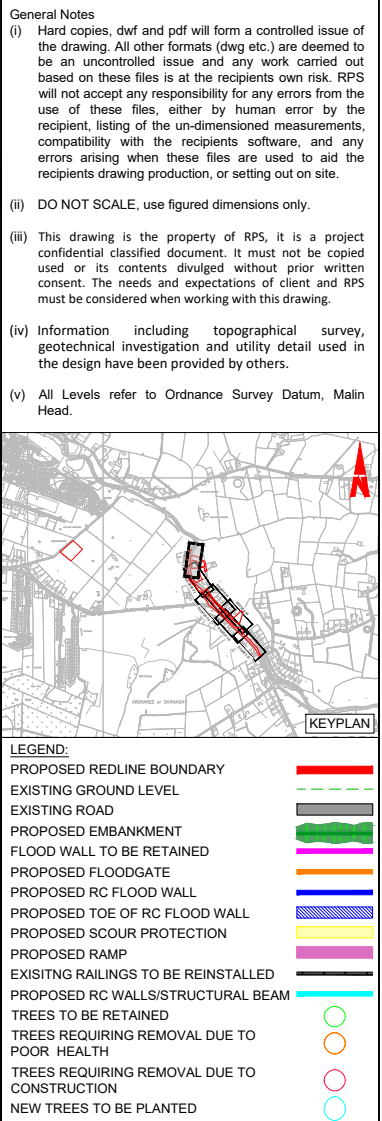
Scale
1:2500 @ A1
1:5000 @ A3

Sheets
01 of 08

Status
A1

Rev
CO1

Ballina



Level

**CH: 15.000
LVL: 13.370**

TOP OF EMBANKMENT

**CH: 47.477
LVL: 13.370**

1.54m

TOP OF PROPOSED FLOODWALL

**CH: 67.263
LVL: 13.480**

**CH: 81.552
LVL: 13.590**

**CH: 101.270
LVL: 13.726**

TOP OF EMBANKMENT

**CH: 120.003
LVL: 13.759**

DATUM: 10.000 (mOD)

EXISTING GROUND LEVELS (mOD)

FREEBOARD LEVELS (mOD)

DESIGN FLOOD LEVELS (mOD)

EMBANKMENT LEVELS (mOD)

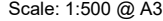
EMBANKMENT LEVELS (mOD)

CHAINAGE (m)

Chainage (m)	Existing Ground Level (mOD)	Freeboard Level (mOD)	Design Flood Level (mOD)	Embankment Level (mOD)	Embankment Level (mOD)
00.00	12.430	13.370	12.870	12.430	0.00
05.00	12.430	13.370	12.870	13.370	0.00
10.00	12.430	13.370	12.870	13.370	0.00
15.00	12.430	13.370	12.870	13.370	0.00
20.00	12.430	13.370	12.870	13.370	0.00
25.00	12.311	13.370	12.870	13.370	0.00
30.00	11.969	13.370	12.870	13.370	0.00
35.00	11.830	13.370	12.870	13.370	0.00
40.00	11.830	13.170	12.870	12.591	0.00
45.00	11.830	13.170	12.870	13.170	0.00
50.00	11.830	13.170	12.870	13.170	0.00
55.00	11.869	13.231	12.890	13.231	0.00
60.00	11.900	13.280	12.890	13.280	0.00
65.00	11.900	13.280	12.890	13.280	0.00
70.00	11.900	13.280	12.890	13.280	0.00
75.00	11.900	13.390	13.090	13.390	0.00
80.00	11.900	13.390	13.090	13.390	0.00
85.00	11.900	13.390	13.090	13.390	0.00
90.00	11.900	13.390	13.090	13.390	0.00
95.00	11.962	13.461	13.159	13.461	0.00
100.00	11.992	13.491	13.191	13.491	0.00
105.00	11.992	13.480	13.180	13.480	0.00
110.00	12.000	13.522	13.222	13.522	13.191
115.00	12.000	13.755	13.255	13.755	13.755
120.00	12.138	13.759	13.258	13.759	13.759
125.00	12.227	13.761	13.258	13.761	13.765
130.00	12.868	13.810	13.310	13.810	13.810

• FOR LOCATION PLANS, REFER TO DG0005-00 SERIES • FOR LAYOUT PLANS, REFER TO DG0005-10 SERIES • FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0005-50 SERIES				
A1 C01	07/04/25	JB MB	AUTHORISED & ACCEPTED FOR PLANNING	P/G
P02	27/03/25	JB MB	REVIEW & AUTHORISATION	P/G
S4 P01	20/01/25	JB MB	REVIEW & AUTHORISATION	P/G
Rev	Date	Dim Cvx	Amendment / Issue	App
Client  Comhairle Contae Mhaigh Eo Mayo County Council  Oifig na hOibríochtaí Poblí Office of Public Works				
 MAKING COMPLEX EASY Lyrn 2, IDA Business & Technology Park, Mervue, Galway T +353 91 400200 W www.rpsgroup.com/ireland E ireland@rpsgroup.com				
Project BALLINA FLOOD RELIEF SCHEME PLANNING APPLICATION				
Title PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTION - BRUSNA - NORTH BANK (01 of 04)				
Model File Identifier N/A				
File Identifier MGW0290-RPS-00-XX-DR-C-DG0005-31				
Created on 21/11/2024			Sheets 02 of 08	
Scale AS STATED @ A1 AS STATED @ A3			Status A1	
			Rev CO1	

Ballina



FOR LOCATION PLANS, REFER TO DG0005-00 SERIES
FOR LAYOUT PLANS, REFER TO DG0005-10 SERIES
FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS,
REFER TO DG0005-50 SERIES

Client  Comhairle Contae Mhaigh Eo
Mayo County Council

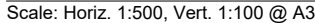


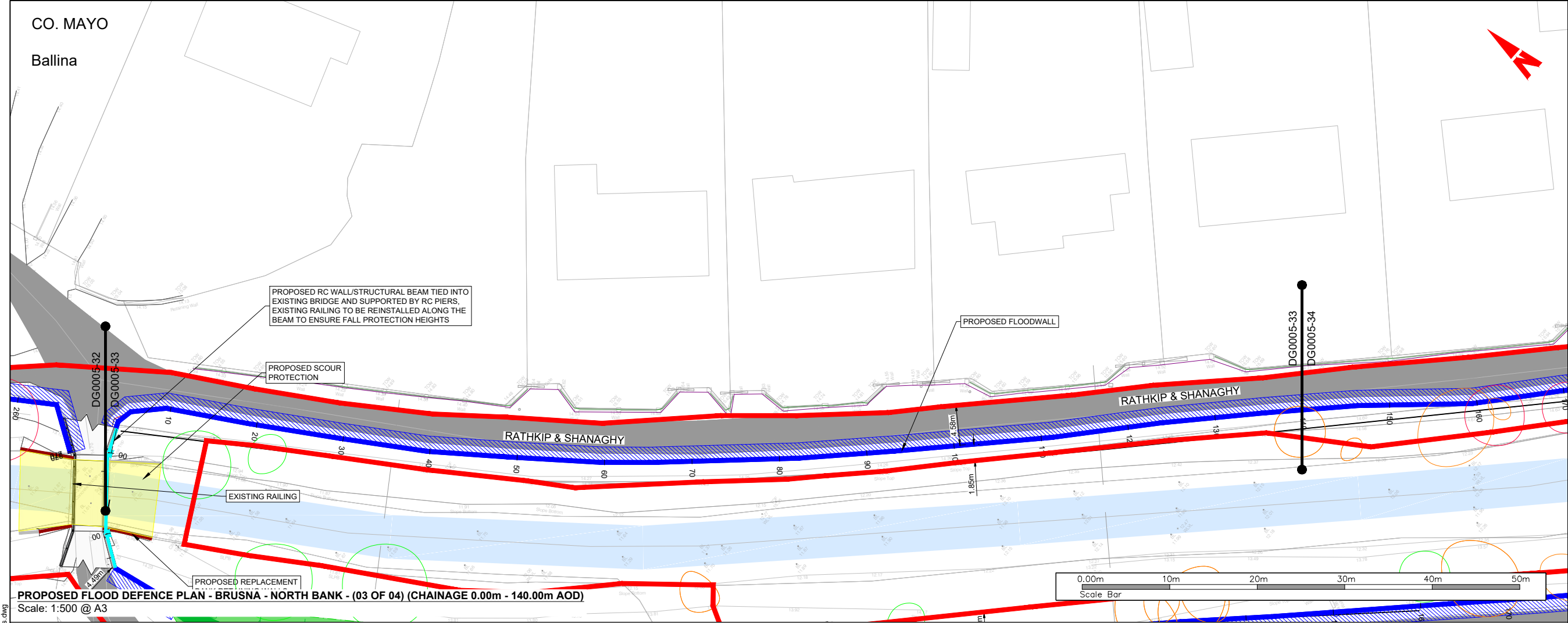
PROPOSED FLOOD DEFENCE
PLAN & LONGITUDINAL SECTION
- BRUSNA - NORTH BANK (02 of 04)

File Identifier
MGW0290-RPS-00-XX-DR-C-DG0005-32

Created on	21/11/2024	Sheets	03 of 08
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Scale	Status	Rev
AS STATED @ A1	A1	CO1
AS STATED @ A3		





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KEYPLAN

LEGEND:

- PROPOSED REDLINE BOUNDARY
- EXISTING GROUND LEVEL
- EXISTING ROAD
- PROPOSED EMBANKMENT
- FLOOD WALL TO BE RETAINED
- PROPOSED FLOODGATE
- PROPOSED RC FLOOD WALL
- PROPOSED TOE OF RC FLOOD WALL
- PROPOSED SCOUR PROTECTION
- PROPOSED RAMP
- EXISTING RAILINGS TO BE REINSTALLED
- PROPOSED RC WALLS/STRUCTURAL BEAM
- TREES TO BE RETAINED
- TREES REQUIRING REMOVAL DUE TO POOR HEALTH
- TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
- NEW TREES TO BE PLANTED

FOR LOCATION PLANS, REFER TO DG0005-00 SERIES
FOR LAYOUT PLANS, REFER TO DG0005-10 SERIES
FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0005-50 SERIES

Rev	Date	Drawn By	Checked By	Amendment / Issue	App
A1	07/04/25	MB	MB	AUTHORISED & ACCEPTED FOR PLANNING	RSG
P02	27/03/25	MB	MB	REVIEW & AUTHORISATION	RSG
S4	20/01/25	MB	MB	REVIEW & AUTHORISATION	RSG

Client

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Mayo County Council

OPW
Office of Public Works

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Project

**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title

**PROPOSED FLOOD DEFENCE
PLAN & LONGITUDINAL SECTION
- BRUSNA - NORTH BANK (03 of 04)**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-C-DG0005-33

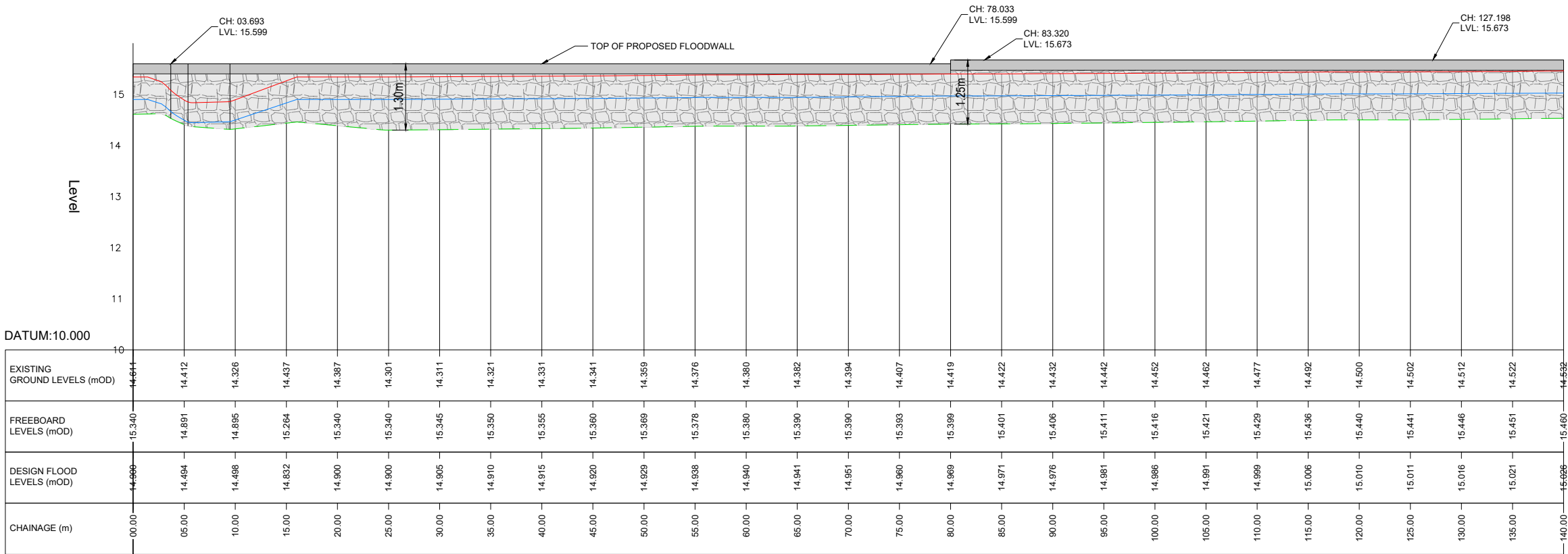
Created on	Sheets
21/11/2024	04 of 08

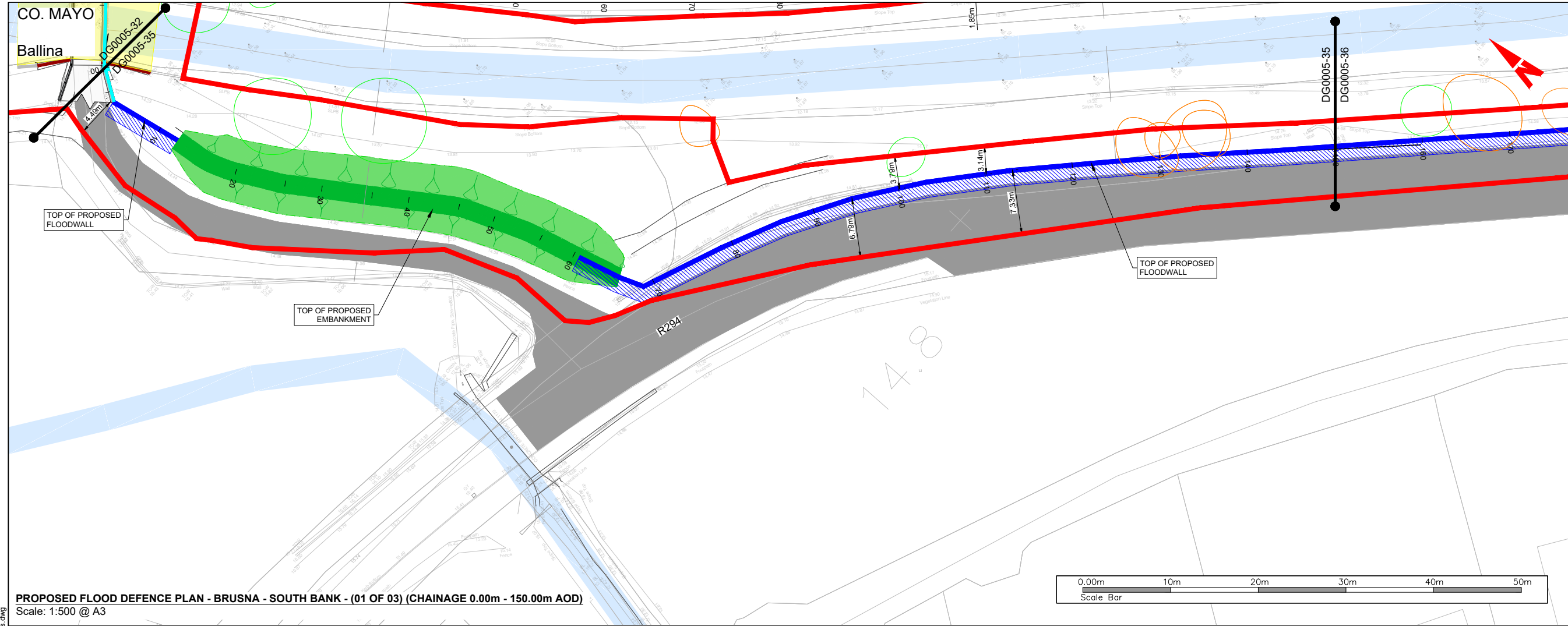
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AS STATED @ A1 AS STATED @ A3	A1	CO1

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PROPOSED FLOOD DEFENCE LONGITUDINAL SECTION - BRUSNA - NORTH BANK - (03 OF 04) (CHAINAGE 0.00M - 140.00M AOD)

Scale: Horiz. 1:500, Vert. 1:100 @ A3





General Notes

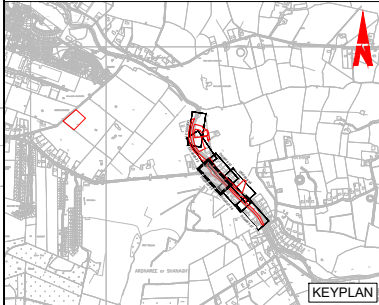
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LEGEND:

PROPOSED REDLINE BOUNDARY	
EXISTING GROUND LEVEL	
EXISTING ROAD	
PROPOSED EMBANKMENT	
FLOOD WALL TO BE RETAINED	
PROPOSED FLOODGATE	
PROPOSED RC FLOOD WALL	
PROPOSED TOE OF RC FLOOD WALL	
PROPOSED SCOUR PROTECTION	
PROPOSED RAMP	
EXISTING RAILINGS TO BE REINSTALLED	
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• FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0005-50 SERIES

A1	CO1	07/04/25	BR	MA	AUTHORISED & ACCEPTED FOR PLANNING	R/S
PO2		27/03/25	BR	MA	REVIEW & AUTHORISATION	R/S
S4	PO1	20/01/25	BR	MA	REVIEW & AUTHORISATION	R/S
Rev	Date	Drn	Chk		Amendment / Issue	App

Client

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Mayo County Council



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Project

**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title

**PROPOSED FLOOD DEFENCE
PLAN & LONGITUDINAL SECTION
- BRUSNA - SOUTH BANK (01 of 03)**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-C-DG0005-35

Created on

21/11/2024

Sheets

06 of 08

Scale

AS STATED @ A1
AS STATED @ A3

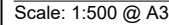
Status

A1

Rev

CO1

W:\MGW0290_Mayo Co Co_Ballina FRS\6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-C-DG0005-30 Brusna Flood Defence Longitudinal Plans & Sections.dwg



Scale	Status	Rev
AS STATED @ A1	A1	CO1
AS STATED @ A3		

