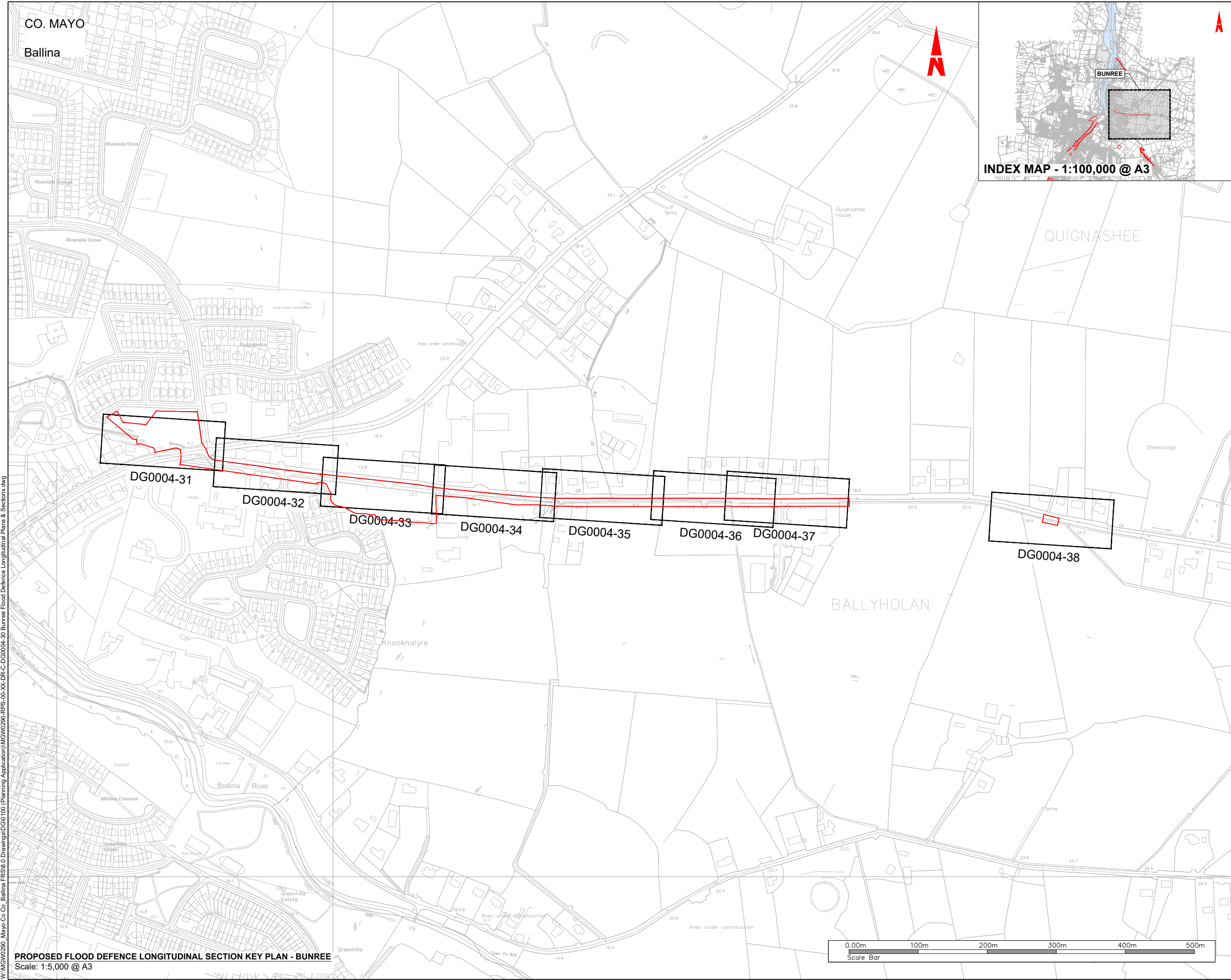




CO. MAYO
Ballina

BUNREE

INDEX MAP - 1:100,000 @ A3

QUIGNASHEE

BALLYHOLAN

PROPOSED FLOOD DEFENCE LONGITUDINAL SECTION KEY PLAN - BUNREE
Scale: 1:5,000 @ A3

- General Notes
- (i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipients software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.
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 - (v) All Levels refer to Ordnance Survey Datum, Malin Head.

LEGEND:
PROPOSED REDLINE BOUNDARY

- FOR LOCATION PLANS, REFER TO DG0004-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0004-10 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0004-50 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

 Comhairle Contae Mhaigh Eo
Mayo County Council

 **OPW** Óighearaí na hOibreanna
Office of Public Works

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W www.rpsgroup.com/ireland
E ireland@rpsgroup.com

Project
**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

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

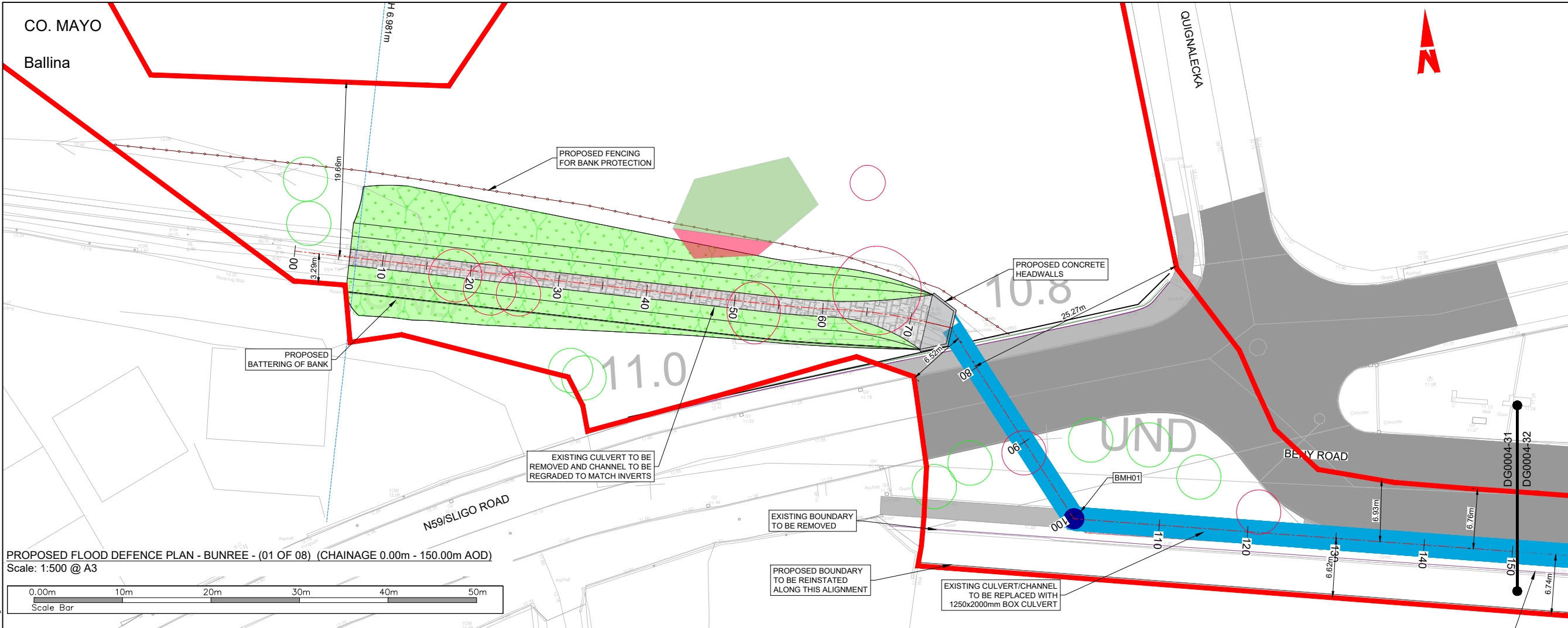
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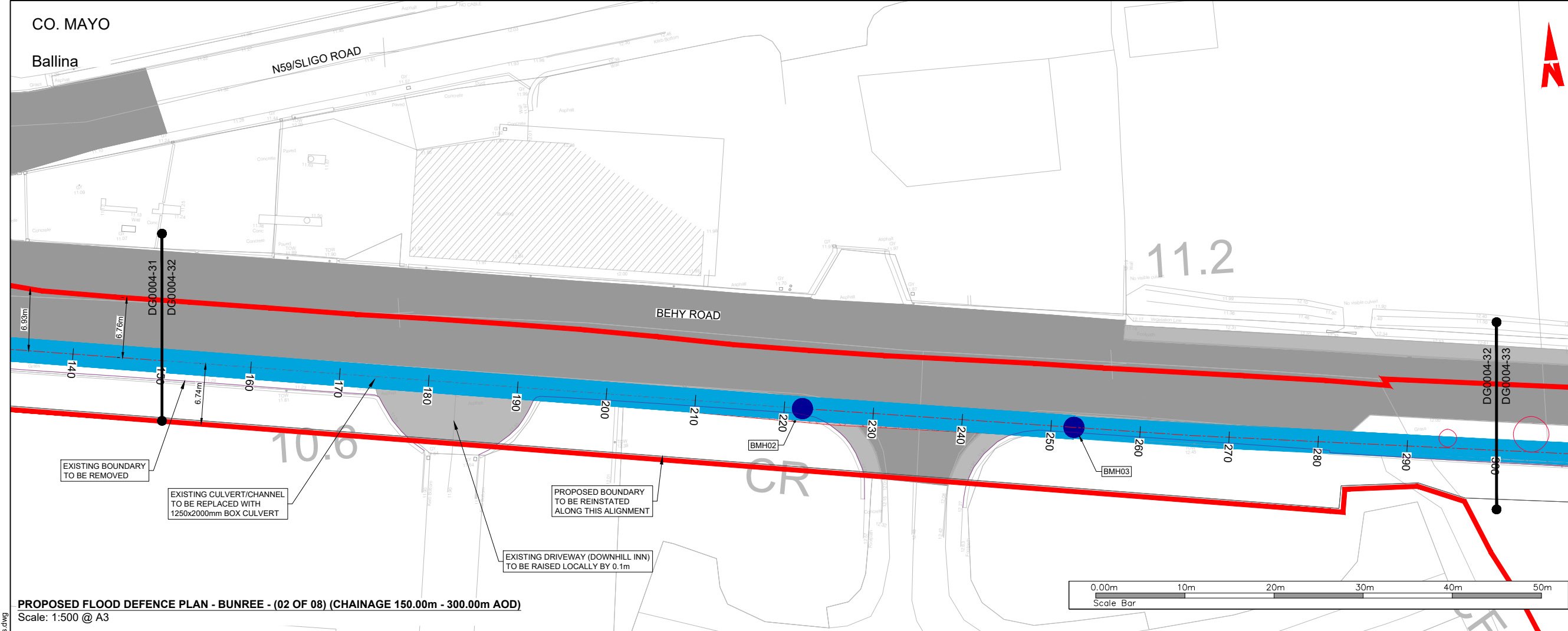
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Created on 20/11/2024	Sheets 01 of 09
Scale 1:2500 @ A1 1:5000 @ A3	Status A1
	Rev CO1

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General Notes

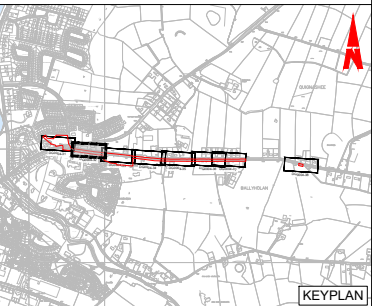
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LEGEND:

PROPOSED REDLINE BOUNDARY	
EXISTING GROUND LEVEL	
PROPOSED 1.8mØ CULVERT	
PROPOSED 1.5mØ CULVERT	
PROPOSED 1.25x2.0m BOX CULVERT	
PROPOSED OPEN CHANNEL CLAD IN STONE	
EXISTING ROAD	
PROPOSED EMBANKMENT	
EXISTING DRAIN TO BE FILLED IN	
TREES TO BE RETAINED	
TREES REQUIRING REMOVAL DUE TO POOR HEALTH	
TREES REQUIRING REMOVAL DUE TO CONSTRUCTION	
NEW TREES TO BE PLANTED	
NATIVE SHRUBS & HEDGEROWS TO BE REMOVED DUE TO CONSTRUCTION	

• FOR LOCATION PLANS, REFER TO DG0004-00 SERIES
• FOR LAYOUT PLANS, REFER TO DG0004-10 SERIES
• FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0004-50 SERIES

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

Client

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Project

**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title

**PROPOSED FLOOD DEFENCE
PLAN & LONGITUDINAL SECTION
- BUNREE (02 of 08)**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-C-DG0004-32

Created on

20/11/2024

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-DG0004-30 Bunree Flood Defence Longitudinal Plans & Sections.dwg

CYAL50319610 © Ordnance Survey Ireland/Government of Ireland

W:\MGW0290_Mayo Co Co_Ballina FRS\6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-C-DG0004-30 Bunree Flood Defence Longitudinal Plans & Sections.dwg

CO. MAYO
Ballina

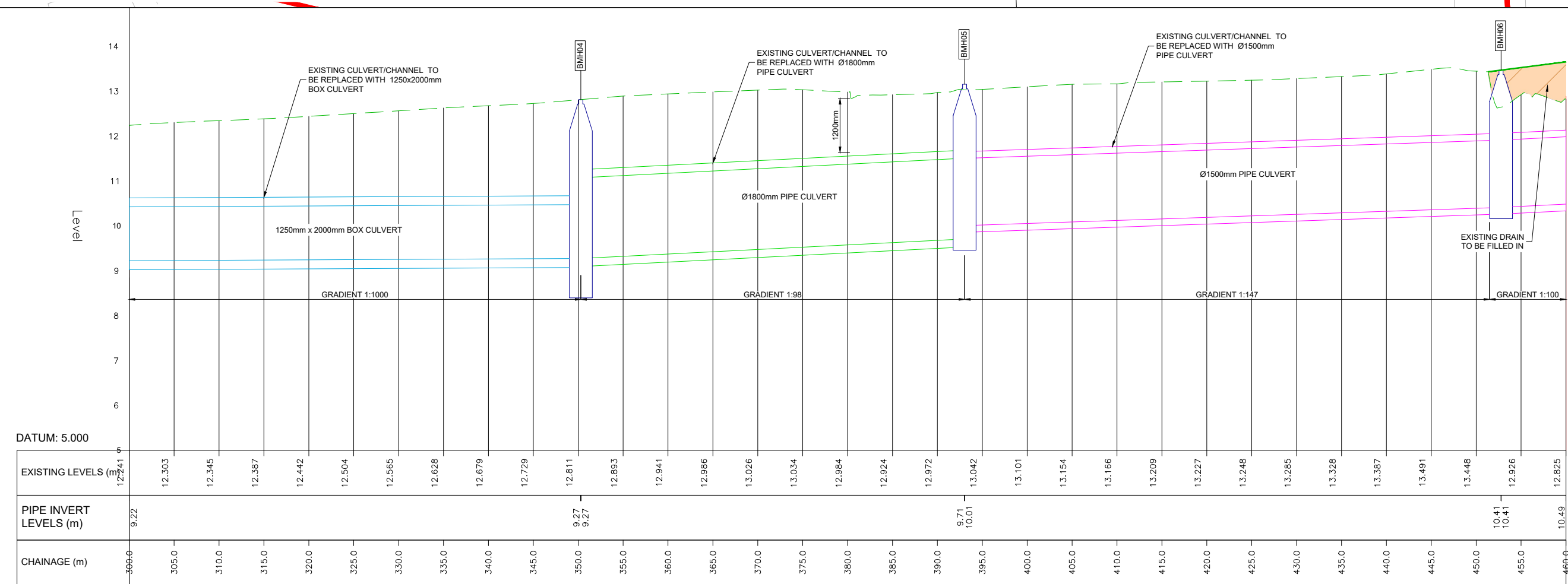
12.8

BEHY ROAD



PROPOSED FLOOD DEFENCE PLAN - BUNREE - (03 OF 08) (CHAINAGE 300.00m - 460.00m AOD)

Scale: 1:500 @ A3



PROPOSED FLOOD DEFENCE LONGITUDINAL SECTION - BUNREE - (03 OF 08) (CHAINAGE 300.00M - 460.00M AOD)

Scale: Horiz. 1:250, Vert. 1:50 @ A1

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

General Notes

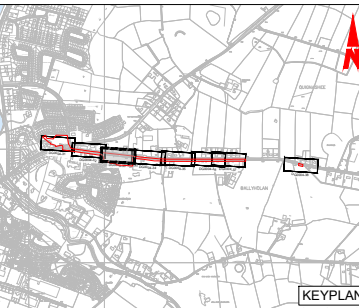
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LEGEND:

- PROPOSED REDLINE BOUNDARY
- EXISTING GROUND LEVEL
- PROPOSED 1.8mØ CULVERT
- PROPOSED 1.5mØ CULVERT
- PROPOSED 1.25x2.0m BOX CULVERT
- PROPOSED OPEN CHANNEL CLAD IN STONE
- EXISTING ROAD
- PROPOSED EMBANKMENT
- EXISTING DRAIN TO BE FILLED IN
- TREES TO BE RETAINED
- TREES REQUIRING REMOVAL DUE TO POOR HEALTH
- TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
- NEW TREES TO BE PLANTED
- NATIVE SHRUBS & HEDGEROWS TO BE REMOVED DUE TO CONSTRUCTION

• FOR LOCATION PLANS, REFER TO DG0004-00 SERIES
• FOR LAYOUT PLANS, REFER TO DG0004-10 SERIES
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Rev	Date	Drawn By	Checked By	Amendment / Issue	App
A1	07/04/25	MB	MA	AUTHORISED & ACCEPTED FOR PLANNING	RSG
P02	27/03/25	MB	MA	REVIEW & AUTHORISATION	RSG
S4	20/01/25	MB	MA	REVIEW & AUTHORISATION	RSG

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
- BUNREE (03 of 08)**

Model File Identifier
N/A

File Identifier
MGW0290-RPS-00-XX-DR-C-DG0004-33

Created on
20/11/2024

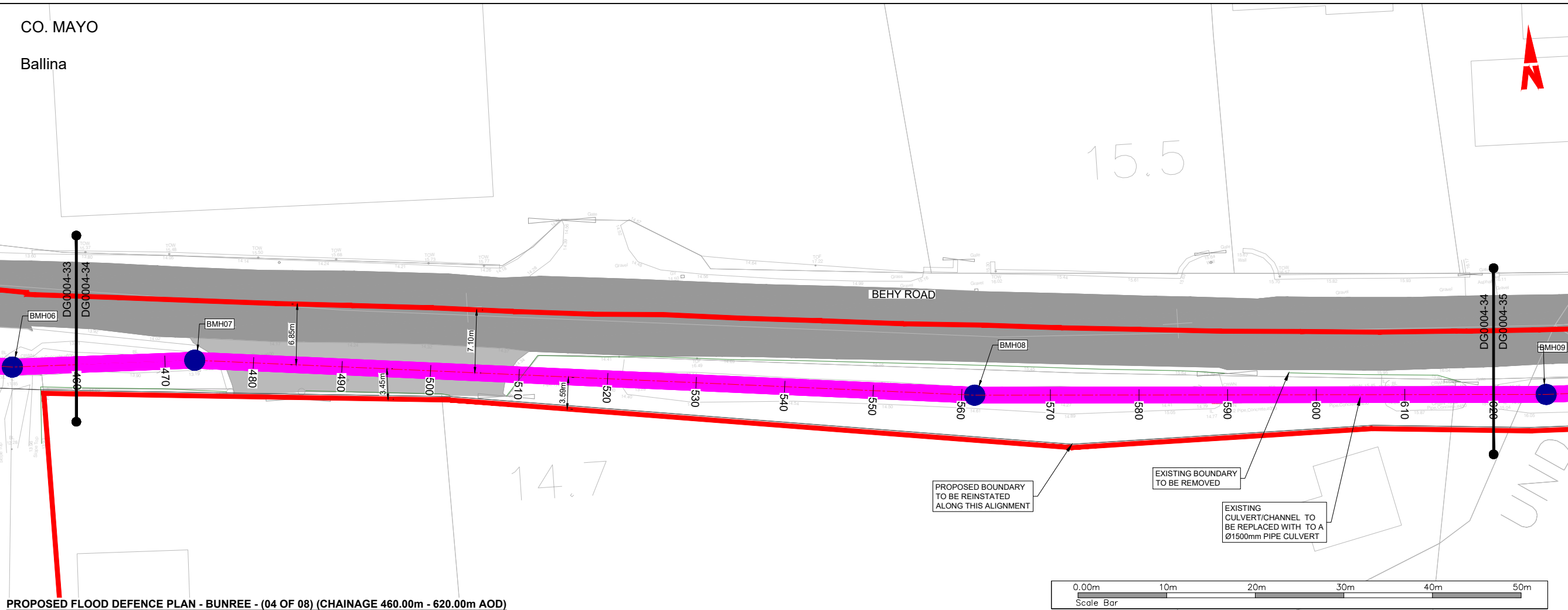
Scale
AS STATED @ A1
AS STATED @ A3

Sheets
04 of 09

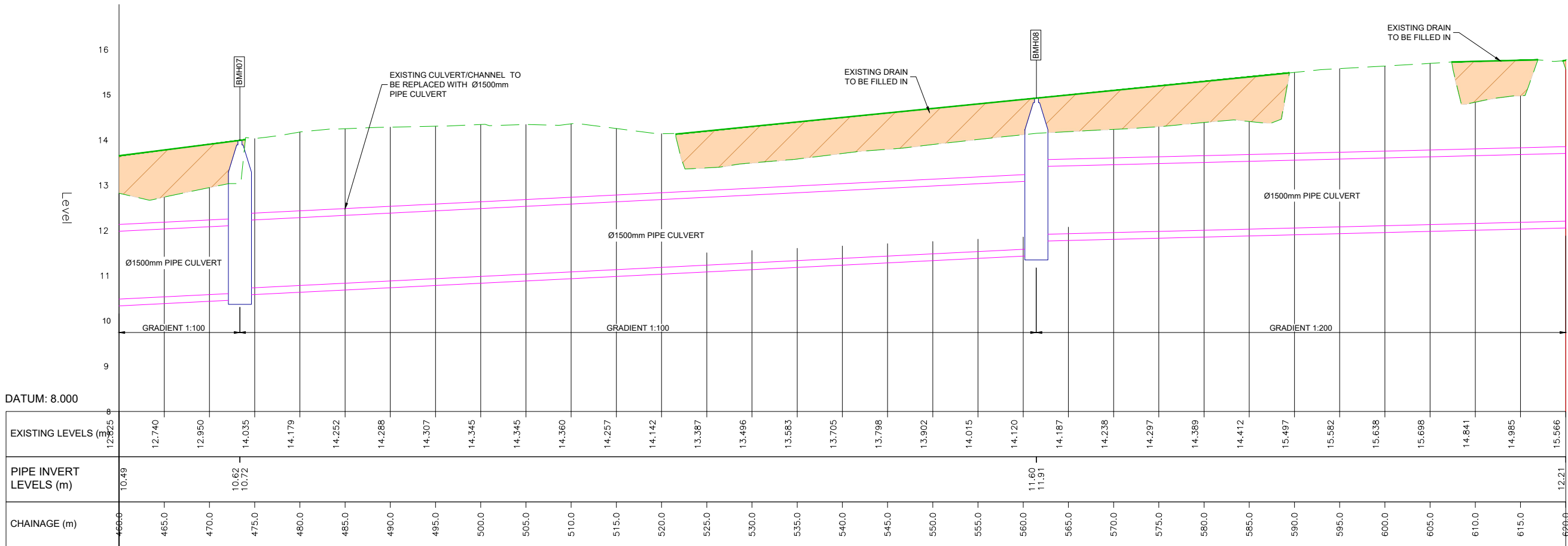
Status
A1

Rev
CO1

CO. MAYO
Ballina



PROPOSED FLOOD DEFENCE PLAN - BUNREE - (04 OF 08) (CHAINAGE 460.00m - 620.00m AOD)
Scale: 1:500 @ A3



PROPOSED FLOOD DEFENCE LONGITUDINAL SECTION - BUNREE - (04 OF 08) (CHAINAGE 460.00m - 620.00m AOD)
Scale: Horiz. 1:250, Vert. 1:50 @ A1
Scale: Horiz. 1:500, Vert. 1:100 @ A3

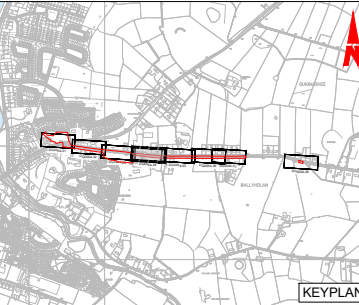
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LEGEND:	
PROPOSED REDLINE BOUNDARY	
EXISTING GROUND LEVEL	
PROPOSED 1.8mØ CULVERT	
PROPOSED 1.5mØ CULVERT	
PROPOSED 1.25x2.0m BOX CULVERT	
PROPOSED OPEN CHANNEL CLAD IN STONE	
EXISTING ROAD	
PROPOSED EMBANKMENT	
EXISTING DRAIN TO BE FILLED IN	
TREES TO BE RETAINED	
TREES REQUIRING REMOVAL DUE TO POOR HEALTH	
TREES REQUIRING REMOVAL DUE TO CONSTRUCTION	
NEW TREES TO BE PLANTED	
NATIVE SHRUBS & HEDGEROWS TO BE REMOVED DUE TO CONSTRUCTION	

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• FOR LAYOUT PLANS, REFER TO DG0004-10 SERIES
• FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0004-50 SERIES

Rev	Date	Drawn By	Check By	Amendment / Issue	App
A1	07/04/25	JB	MM	AUTHORISED & ACCEPTED FOR PLANNING	RJS
P02	27/03/25	JB	MM	REVIEW & AUTHORISATION	RJS
S4	20/01/25	JB	MM	REVIEW & AUTHORISATION	RJS

Client	 Comhairle Contae Mhaigh Eo Mayo County Council
	 OPW Office of Public Works

 RPS MAKING COMPLEX EASY	Lyrr 2, IDA Business & Technology Park, Mervue, Galway T +353 91 400200 W www.rpsgroup.com/ireland E ireland@rpsgroup.com
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Project	BALLINA FLOOD RELIEF SCHEME PLANNING APPLICATION
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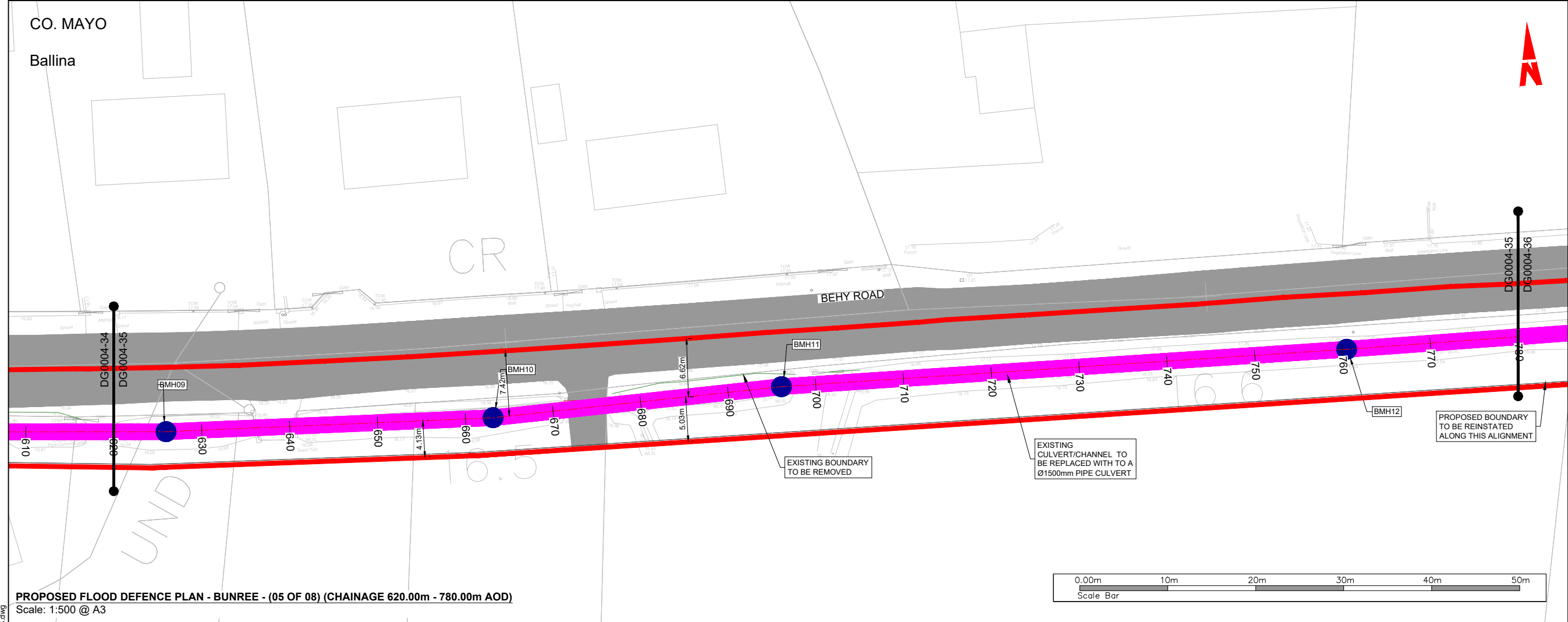
Title	PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTION - BUNREE (04 of 08)
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Model File Identifier	N/A
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File Identifier	MGW0290-RPS-00-XX-DR-C-DG0004-34
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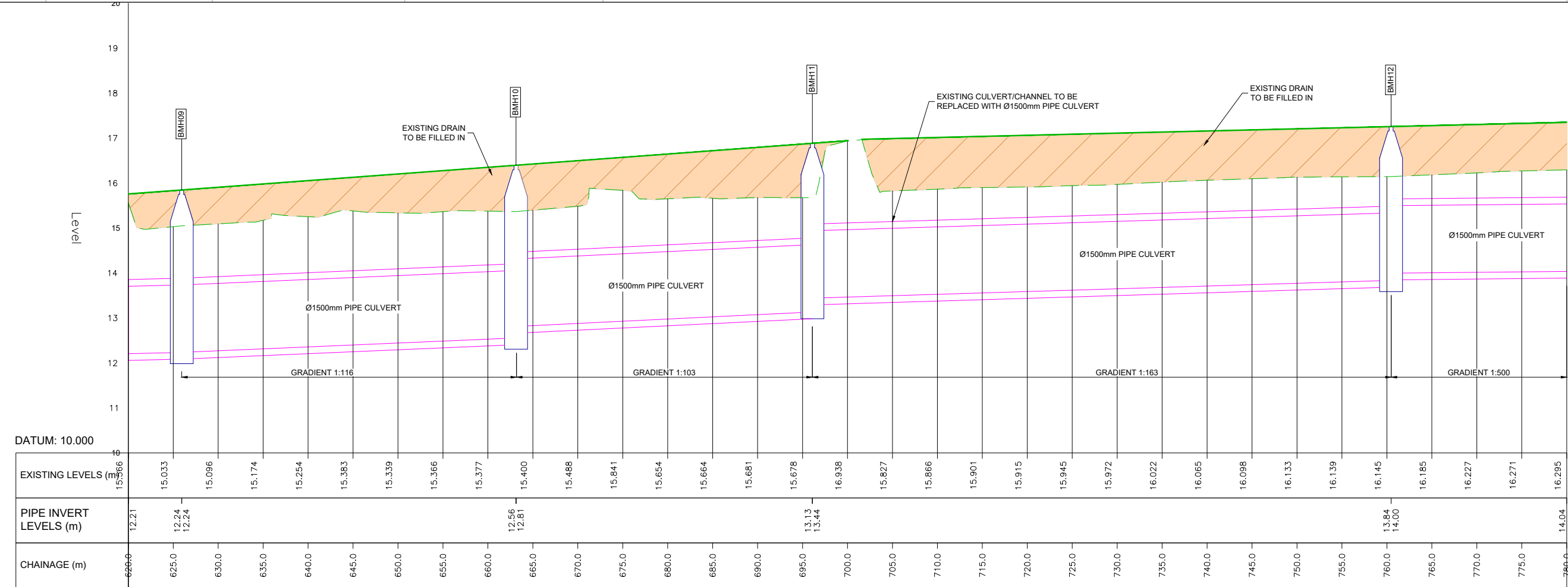
Created on	20/11/2024	Sheets	05 of 09
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Scale	AS STATED @ A1 AS STATED @ A3	Status	A1	Rev	CO1
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PROPOSED FLOOD DEFENCE PLAN - BUNREE - (05 OF 08) (CHAINAGE 620.00m - 780.00m AOD)

Scale: 1:500 @ A3



PROPOSED FLOOD DEFENCE LONGITUDINAL SECTION - BUNREE - (05 OF 08) (CHAINAGE 620.00m - 780.00m AOD)

Scale: Horiz. 1:250, Vert. 1:50 @ A1

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

General Notes

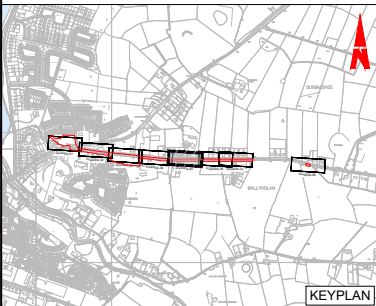
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LEGEND:

PROPOSED REDLINE BOUNDARY	
EXISTING GROUND LEVEL	
PROPOSED 1.8mØ CULVERT	
PROPOSED 1.5mØ CULVERT	
PROPOSED 1.25x2.0m BOX CULVERT	
PROPOSED OPEN CHANNEL CLAD IN STONE	
EXISTING ROAD	
PROPOSED EMBANKMENT	
EXISTING DRAIN TO BE FILLED IN	
TREES TO BE RETAINED	
TREES REQUIRING REMOVAL DUE TO POOR HEALTH	
TREES REQUIRING REMOVAL DUE TO CONSTRUCTION	
NEW TREES TO BE PLANTED	
NATIVE SHRUBS & HEDGEROWS TO BE REMOVED DUE TO CONSTRUCTION	

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• FOR LAYOUT PLANS, REFER TO DG0004-10 SERIES
• FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0004-50 SERIES

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

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
- BUNREE (05 of 08)**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-C-DG0004-35

Created on

20/11/2024

Sheets

06 of 09

Scale

AS STATED @ A1
AS STATED @ A3

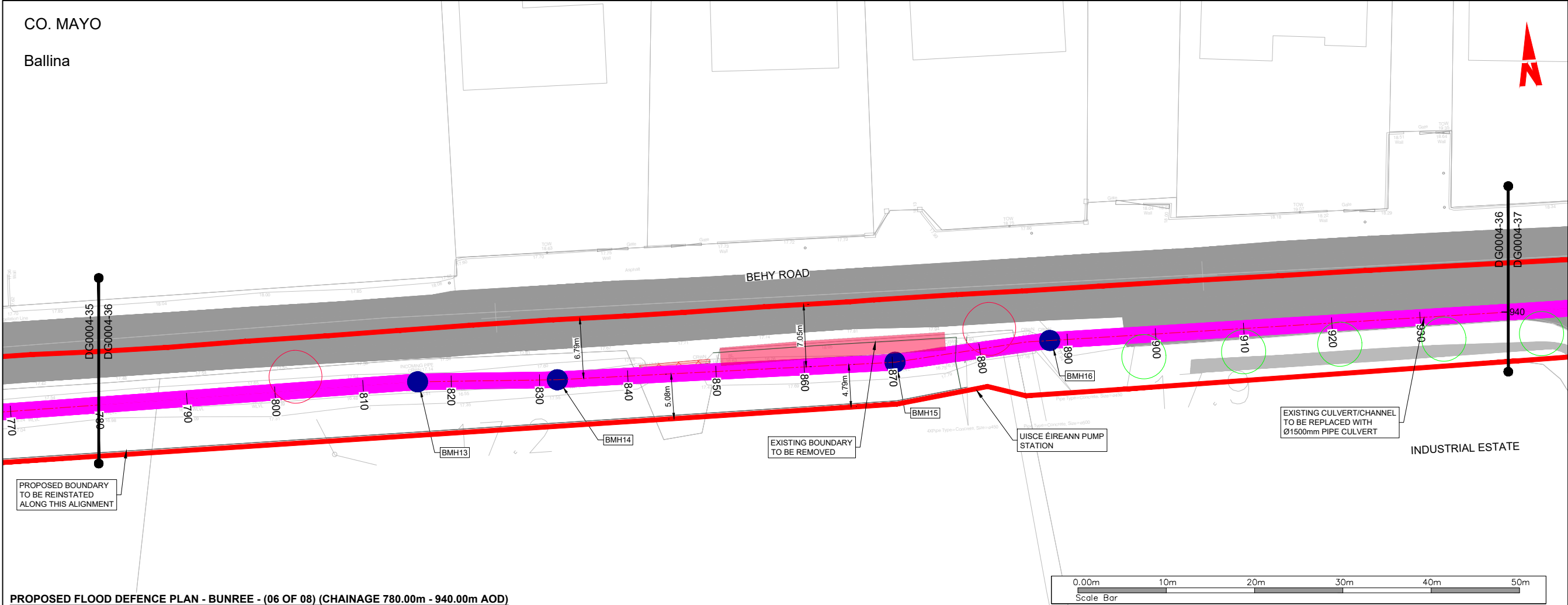
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A1

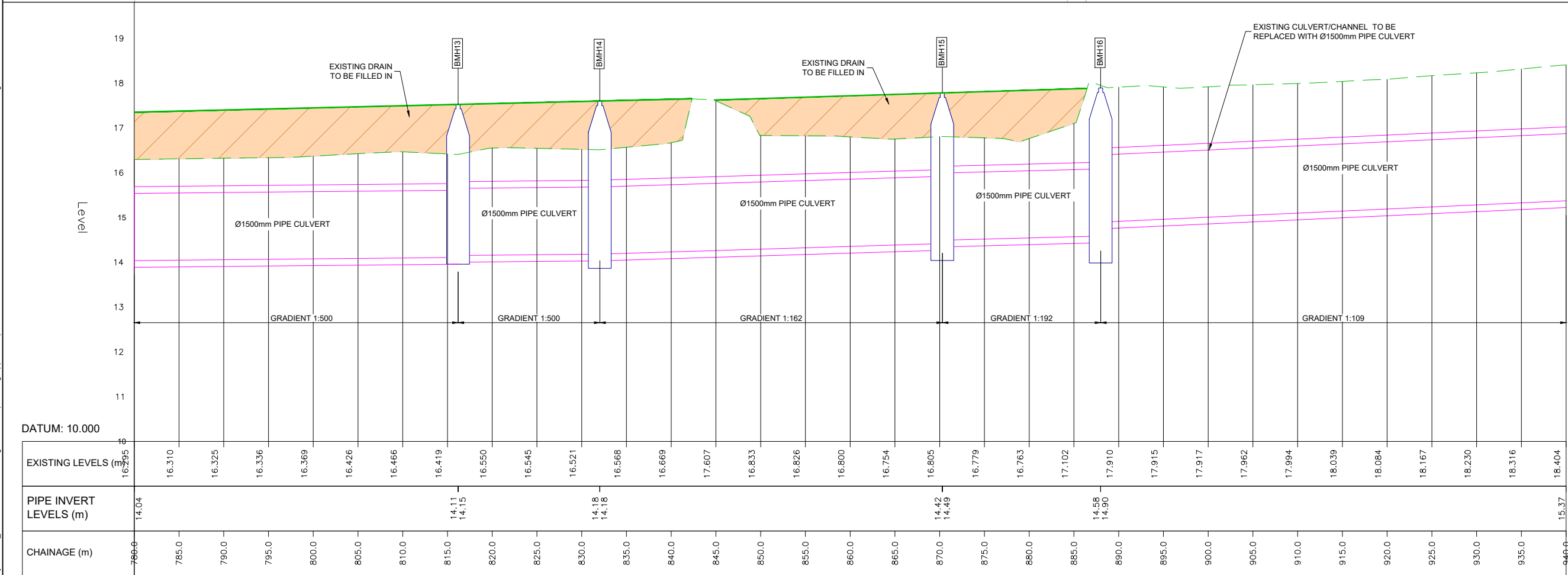
Rev

CO1

CO. MAYO
Ballina



PROPOSED FLOOD DEFENCE PLAN - BUNREE - (06 OF 08) (CHAINAGE 780.00m - 940.00m AOD)
Scale: 1:500 @ A3



PROPOSED FLOOD DEFENCE LONGITUDINAL SECTION - BUNREE - (06 OF 08) (CHAINAGE 780.00m - 940.00m AOD)
Scale: Horiz. 1:250, Vert. 1:50 @ A1
Scale: Horiz. 1:500, Vert. 1:100 @ A3

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PROPOSED REDLINE BOUNDARY
EXISTING GROUND LEVEL
PROPOSED 1.8mØ CULVERT
PROPOSED 1.5mØ CULVERT
PROPOSED 1.25x2.0m BOX CULVERT
PROPOSED OPEN CHANNEL CLAD IN STONE
EXISTING ROAD
PROPOSED EMBANKMENT
EXISTING DRAIN TO BE FILLED IN
TREES TO BE RETAINED
TREES REQUIRING REMOVAL DUE TO POOR HEALTH
TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
NEW TREES TO BE PLANTED
NATIVE SHRUBS & HEDGEROWS TO BE REMOVED DUE TO CONSTRUCTION

FOR LOCATION PLANS, REFER TO DG0004-00 SERIES
FOR LAYOUT PLANS, REFER TO DG0004-10 SERIES
FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0004-50 SERIES

Rev	Date	Dim	App	Amendment / Issue
A1	07/04/25	DR	MA	AUTHORISED & ACCEPTED FOR PLANNING
P02	27/03/25	DR	MA	REVIEW & AUTHORISATION
S4	20/01/25	DR	MA	REVIEW & AUTHORISATION

Client
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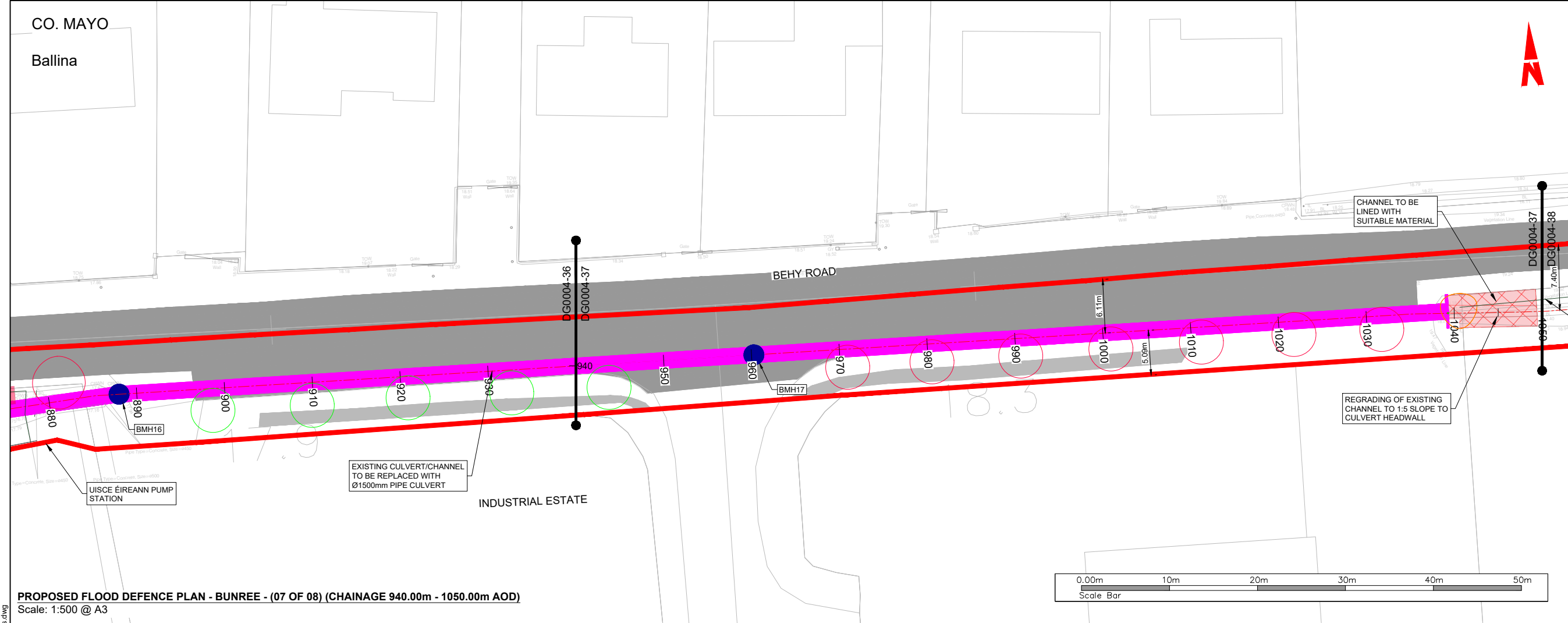
Project
BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION

Title
PROPOSED FLOOD DEFENCE
PLAN & LONGITUDINAL SECTION
- BUNREE (06 of 08)

Model File Identifier
N/A
File Identifier
MGW0290-RPS-00-XX-DR-C-DG0004-36

Created on	Sheets
20/11/2024	07 of 09

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



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LEGEND:

PROPOSED REDLINE BOUNDARY

EXISTING GROUND LEVEL

PROPOSED 1.8mØ CULVERT

PROPOSED 1.5mØ CULVERT

PROPOSED 1.25x2.0m BOX CULVERT

PROPOSED OPEN CHANNEL CLAD IN STONE

EXISTING ROAD

PROPOSED EMBANKMENT

EXISTING DRAIN TO BE FILLED IN

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FOR LOCATION PLANS, REFER TO DG0004-00 SERIES

FOR LAYOUT PLANS, REFER TO DG0004-10 SERIES

FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0004-50 SERIES

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

Client

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Project

BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION

Title

PROPOSED FLOOD DEFENCE
PLAN & LONGITUDINAL SECTION
- BUNREE (07 of 08)

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-C-DG0004-37

Created on	Sheets
20/11/2024	08 of 09

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

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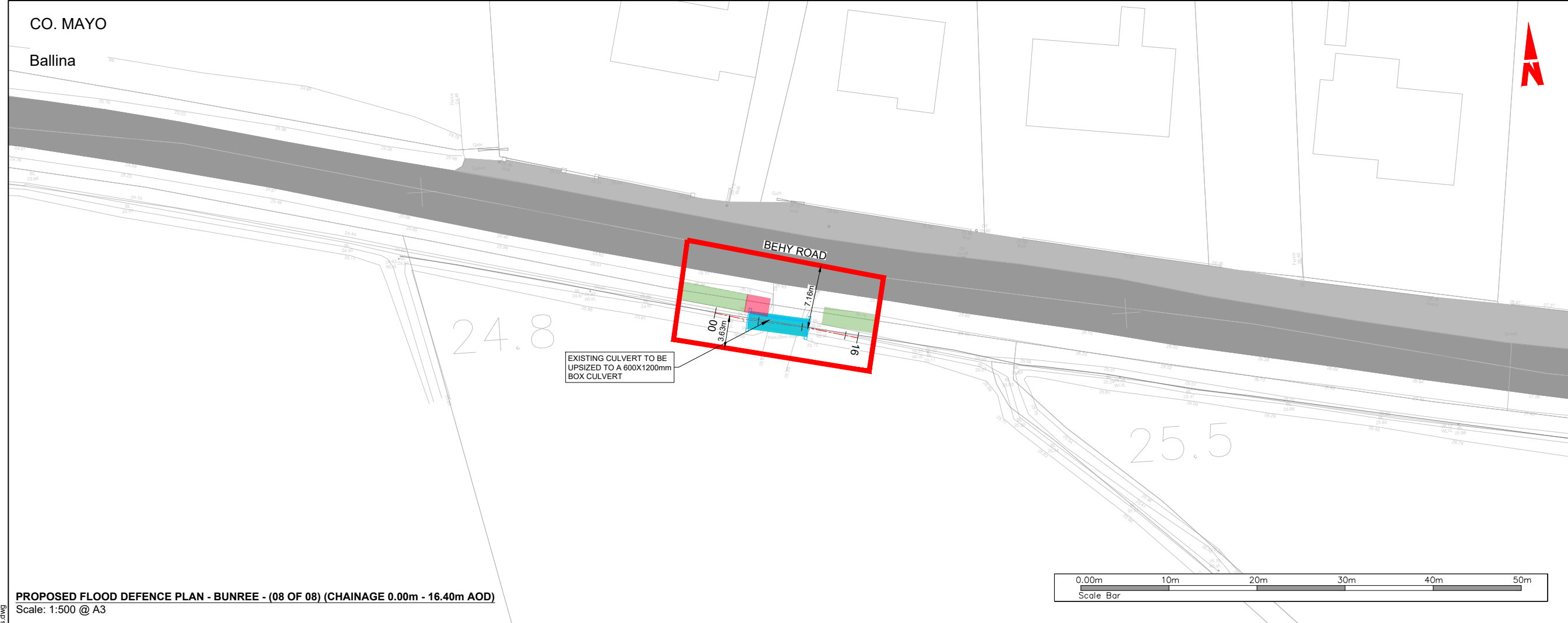
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EXISTING LEVELS (m)	18.404	18.441	18.534	18.602	18.610	18.583	18.531	18.511	18.555	18.601	18.645	18.682	18.718	18.750	18.794	18.854	18.912	18.941	18.976	19.031	18.246	18.328	18.393
PIPE INVERT LEVELS (m)	15.37				15.56 15.57																16.04		
CHAINAGE (m)	946.6	945.0	950.0	955.0	960.0	965.0	970.0	975.0	980.0	985.0	990.0	995.0	1000.0	1005.0	1010.0	1015.0	1020.0	1025.0	1030.0	1035.0	1040.0	1045.0	1050.0

PROPOSED FLOOD DEFENCE LONGITUDINAL SECTION - BUNREE - (07 OF 08) (CHAINAGE 940.00m - 1050.00m AOD)

Scale: Horiz. 1:250, Vert. 1:50 @ A1

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



General Notes

(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipients software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.

(ii) DO NOT SCALE, use figured dimensions only.

(iii) This drawing is the property of RPS, it is a project confidential classified document. It must not be copied used or its contents divulged without prior written consent. The needs and expectations of client and RPS must be considered when working with this drawing.

(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.

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

KEYPLAN

LEGEND:

PROPOSED REDLINE BOUNDARY

EXISTING GROUND LEVEL

PROPOSED 1.8mØ CULVERT

PROPOSED 1.5mØ CULVERT

PROPOSED 1.25x2.0m BOX CULVERT

PROPOSED OPEN CHANNEL CLAD IN STONE

EXISTING ROAD

PROPOSED EMBANKMENT

EXISTING DRAIN TO BE FILLED IN

TREES TO BE RETAINED

TREES REQUIRING REMOVAL DUE TO POOR HEALTH

TREES REQUIRING REMOVAL DUE TO CONSTRUCTION

NEW TREES TO BE PLANTED

NATIVE SHRUBS & HEDGEROWS TO BE REMOVED DUE TO CONSTRUCTION

• FOR LOCATION PLANS, REFER TO DG0004-00 SERIES

• FOR LAYOUT PLANS, REFER TO DG0004-10 SERIES

• FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0004-50 SERIES

Rev	Date	Drn	Cvx	Amendment / Issue	App
A1	07/04/25	SB	MA	AUTHORISED & ACCEPTED FOR PLANNING	RSG
P02	27/03/25	SB	MT	REVIEW & AUTHORISATION	RSG
S4	P01	SB	MT	REVIEW & AUTHORISATION	RSG

Client

Comhairle Contae Mhaigh Eo
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
- BUNREE (08 of 08)

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-C-DG0004-38

Created on	Sheets	Rev
20/11/2024	09 of 09	

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

W:\MGW0290_Mayo Co Co_Ballina FRS\6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-C-DG0004-30 Bunree Flood Defence Longitudinal Plans & Sections.dwg