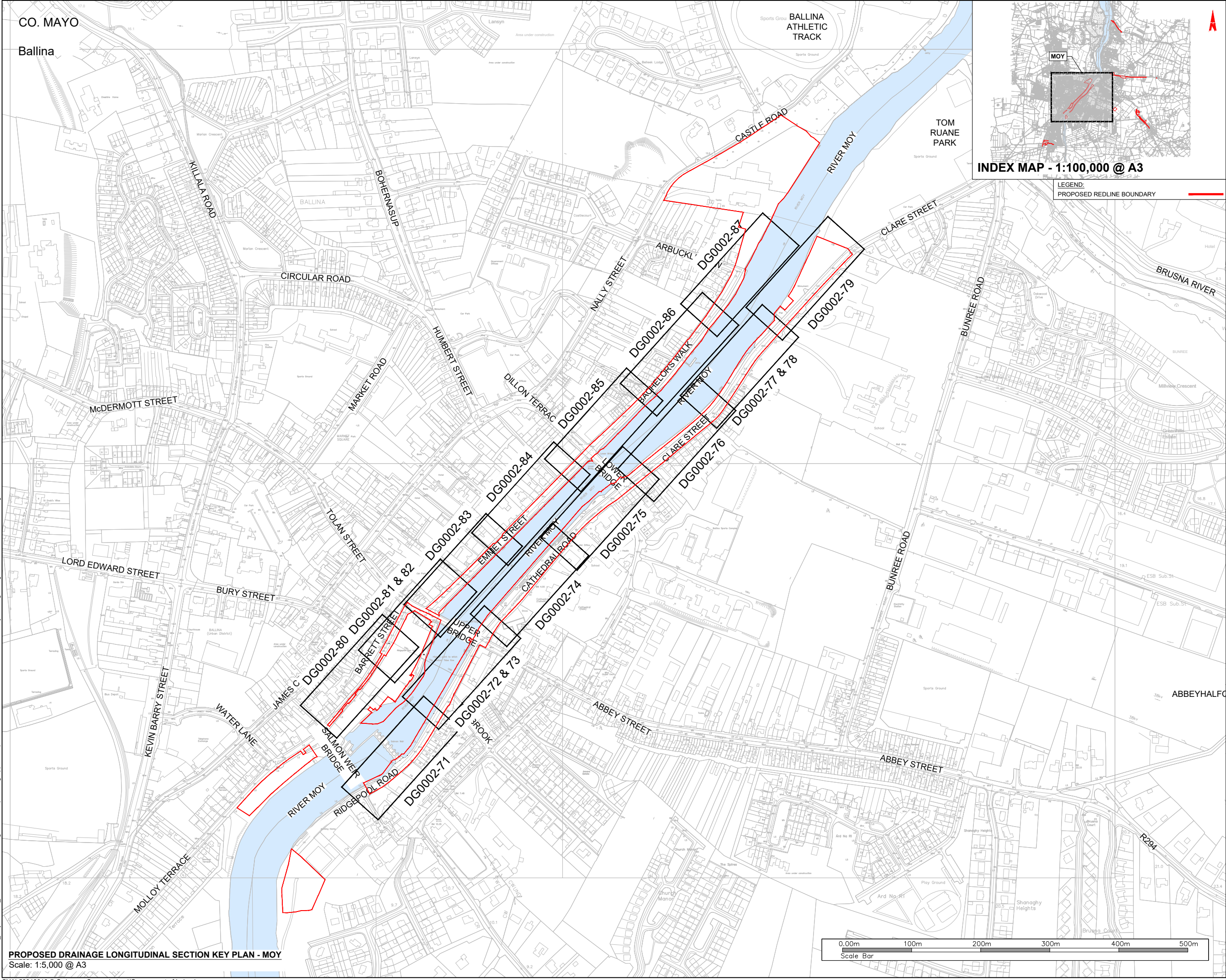
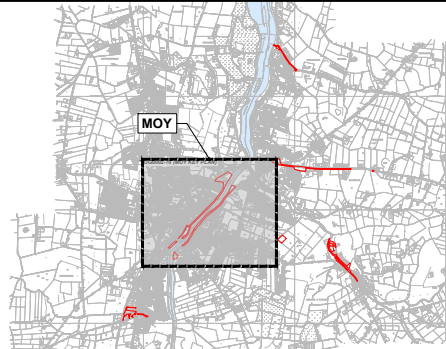




PROPOSED DRAINAGE LONGITUDINAL SECTION KEY PLAN - MOY
Scale: 1:5,000 @ A3



LEGEND:
PROPOSED REDLINE BOUNDARY

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.

• FOR LOCATION PLANS, REFER TO DG0002-00 SERIES
• FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
• FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
• FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES

A1 C01	07/04/25	JB MH	AUTHORISED & ACCEPTED FOR PLANNING		P/G
P02	27/03/25	JB MH	REVIEW & AUTHORISATION		P/G
S4 P01	20/01/25	JB MH	REVIEW & AUTHORISATION		P/G
Rev	Date	Drn CHK	Amendment / Issue		App

Client

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Mayo County Council

 **OPW** Óighearaí na Ríocht
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 DRAINAGE
LONGITUDINAL SECTION KEY PLAN
- MOY**

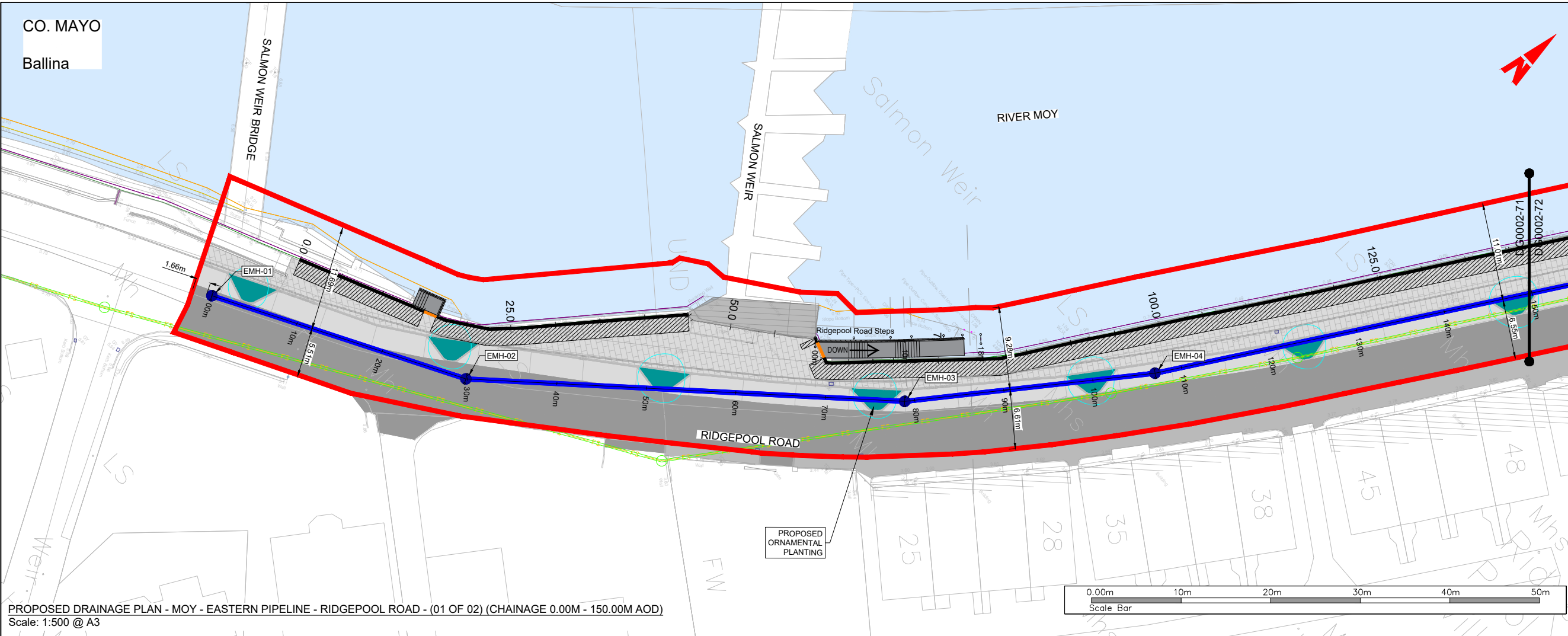
Model File Identifier
N/A

File Identifier
MGW0290-RPS-00-XX-DR-Z-DG0002-70

Created on 26/11/2024	Sheets 01 of 18
Scale 1:2500 @ A1 1:5000 @ A3	Status A1
	Rev C01

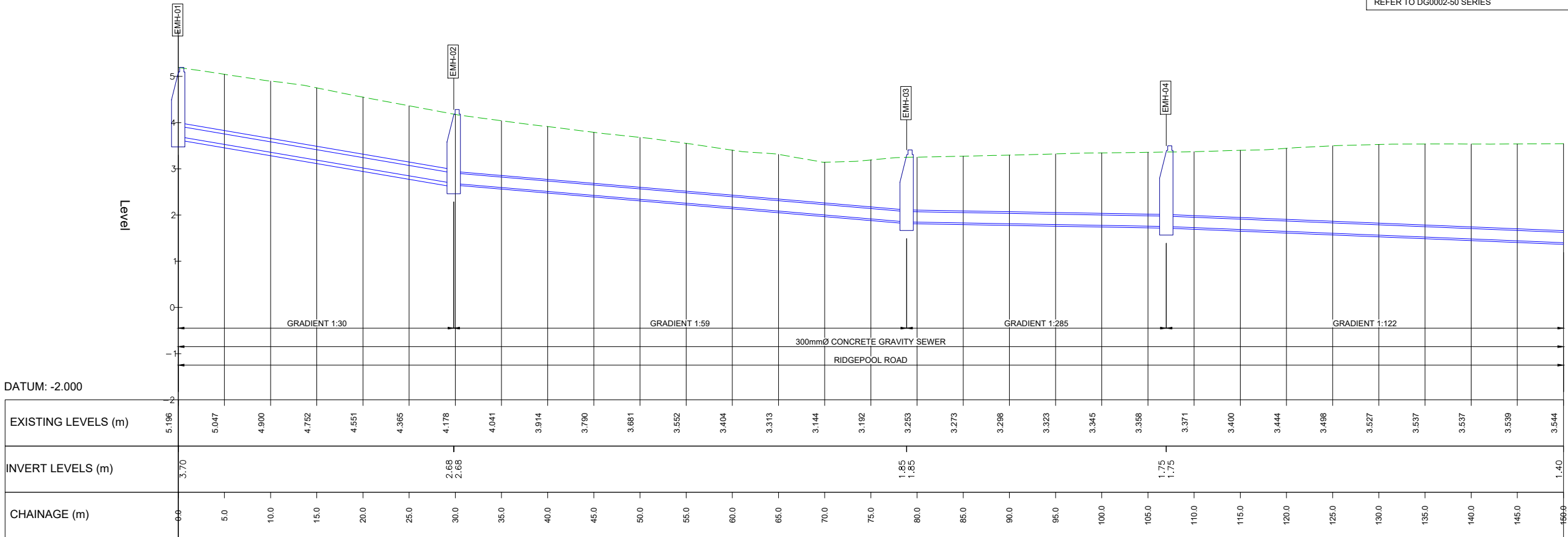
W:\MGW0290_Mayo Co Co_Ballina FRS\6.0 Drawings\DG00100 (Planning Application)\MGW0290-RPS-00-XX-DR-Z-DG0002-70 Moy Drainage Longitudinal Plans & Sections.dwg

CO. MAYO
Ballina



PROPOSED DRAINAGE PLAN - MOY - EASTERN PIPELINE - RIDGEPOOL ROAD - (01 OF 02) (CHAINAGE 0.00M - 150.00M AOD)
Scale: 1:500 @ A3

- FOR LOCATION PLANS, REFER TO DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



PROPOSED DRAINAGE LONGITUDINAL SECTION - MOY - EASTERN PIPELINE - RIDGEPOOL ROAD (01 OF 02) (CHAINAGE 0.00M - 150.00M)
Scale: Horiz. 1:100, Vert. 1:20 @ A1

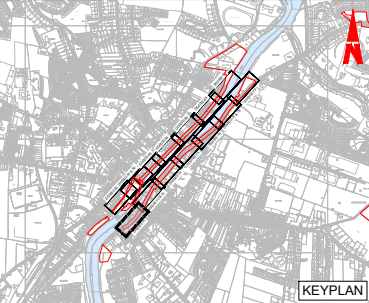
General Notes
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LEGEND:	
PROPOSED REDLINE BOUNDARY	
EXISTING GROUND LEVEL	
EXISTING DRAINAGE NETWORK	
PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE	
EXISTING WALL TO BE RECONSTRUCTED	
FLOOD WALL TO BE RETAINED	
PROPOSED FLOODGATE	
PROPOSED GLASS WALL	
PROPOSED RC FLOOD WALL	
PROPOSED TOE OF RC FLOOD WALL	
PROPOSED OPEN CHANNEL CLAD IN STONE	
PROPOSED RAISED PROMENADE	
EXISTING ROAD	
PROPOSED NATURAL STONE PAVING	
PROPOSED REPURPOSED CONCRETE BLOCK PAVING	
EXISTING PARKING SPACES	
PROPOSED STREET FURNITURE	
TREES TO BE RETAINED	
TREES REQUIRING REMOVAL DUE TO POOR HEALTH	
TREES REQUIRING REMOVAL DUE TO CONSTRUCTION	
NEW TREES TO BE PLANTED	

Rev	Date	Drawn By	Check By	Amendment / Issue	App
A1	C01	07/04/25	RB	AUTHORISED & ACCEPTED FOR PLANNING	R/S
P01	27/03/25	RB	MB	REVIEW & AUTHORISATION	R/S
S4	P01	20/01/25	RB	REVIEW & AUTHORISATION	R/S

Client
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Project
**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title
**PROPOSED DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - EASTERN
PIPELINE - RIDGEPOOL ROAD (01 of 02)**

Model File Identifier
N/A

File Identifier
MGW0290-RPS-00-XX-DR-Z-DG0002-71

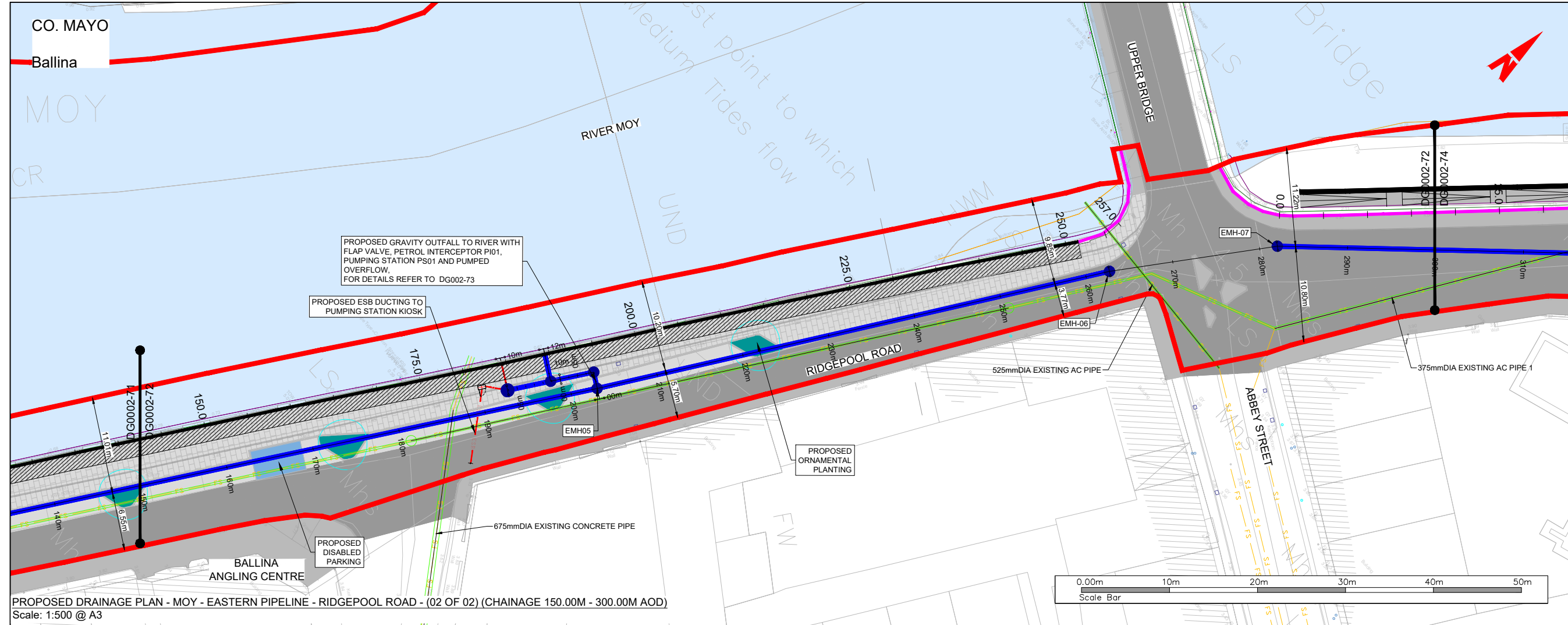
Created on
26/11/2024

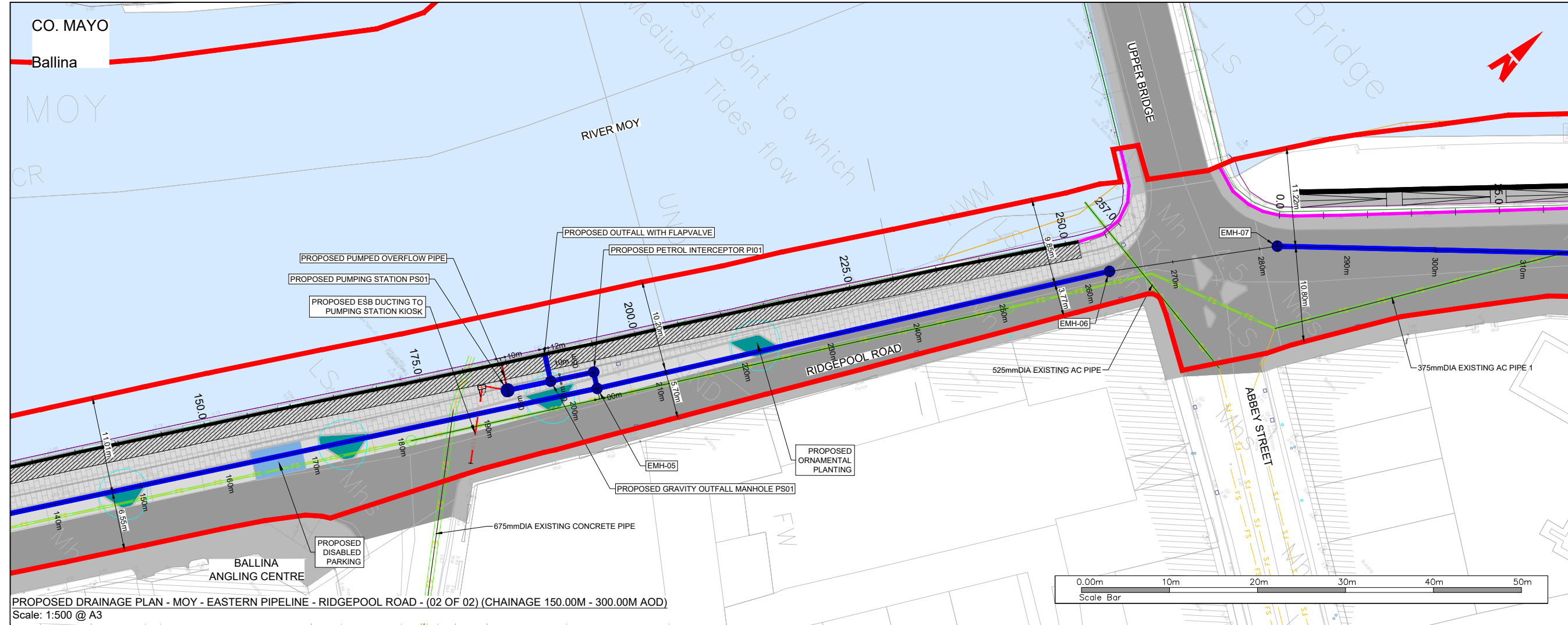
Scale
AS STATED @ A1
AS STATED @ A3

Sheets
02 of 18

Status
A1

Rev
C01





General Notes

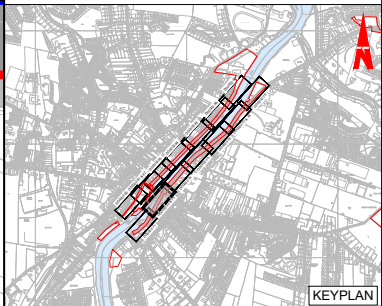
(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, 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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LEGEND:

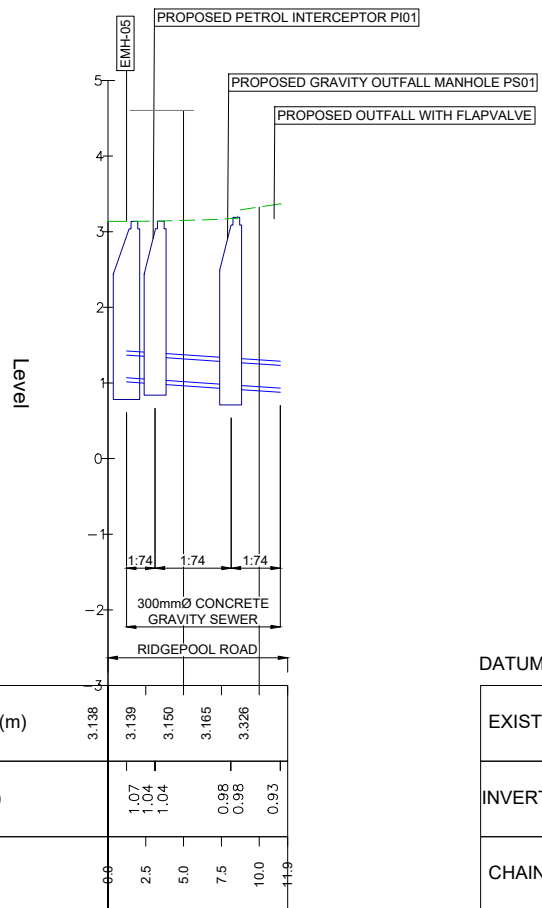
PROPOSED REDLINE BOUNDARY	
EXISTING GROUND LEVEL	
EXISTING DRAINAGE NETWORK	
PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE	
EXISTING WALL TO BE RECONSTRUCTED	
FLOOD WALL TO BE RETAINED	
PROPOSED FLOODGATE	
PROPOSED GLASS WALL	
PROPOSED RC FLOOD WALL	
PROPOSED TOE OF RC FLOOD WALL	
PROPOSED OPEN CHANNEL CLAD IN STONE	
PROPOSED RAISED PROMENADE	
EXISTING ROAD	
PROPOSED NATURAL STONE PAVING	
PROPOSED REPURPOSED CONCRETE BLOCK PAVING	
EXISTING PARKING SPACES	
PROPOSED STREET FURNITURE	
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 DG0002-00 SERIES

• FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES

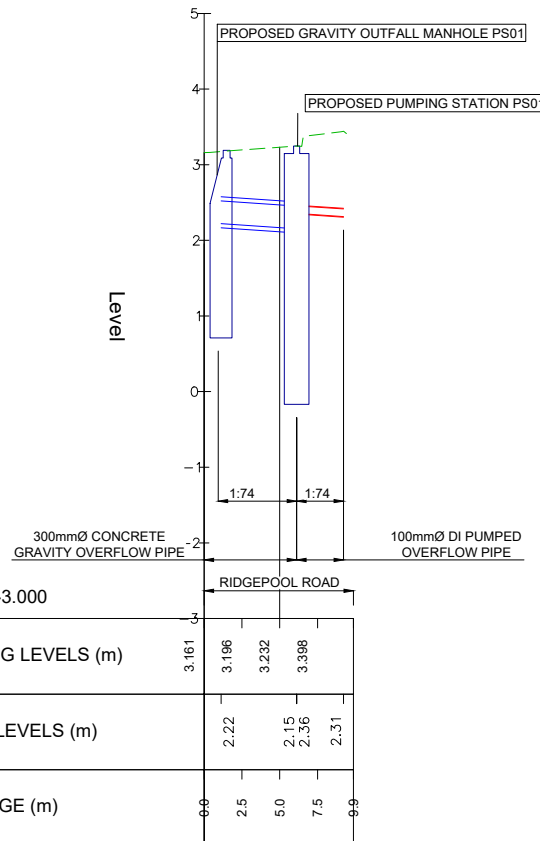
• FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES

• FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



PROPOSED GRAVITY OUTFALL PS01 - RIDGEPOOL ROAD (01 OF 01)

Scale: Horiz. 1:100, Vert. 1:20 @ A1



PROPOSED PUMPED OVERFLOW PS01 - RIDGEPOOL ROAD (01 OF 01)

Scale: Horiz. 1:100, Vert. 1:20 @ A1

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

Client

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Project

**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title

**PROPOSED DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - EASTERN
PIPELINE - PUMPING STATION 1 & OUTFALL**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-Z-DG0002-73

Created on

26/11/2024

Sheets

04 of 18

Scale

AS STATED @ A1
AS STATED @ A3

Status

A1

Rev

C01

CO. MAYO
Ballina

RIVER MOY

PROPOSED
ORNAMENTAL
PLANTING

EMH-08

EMH-09

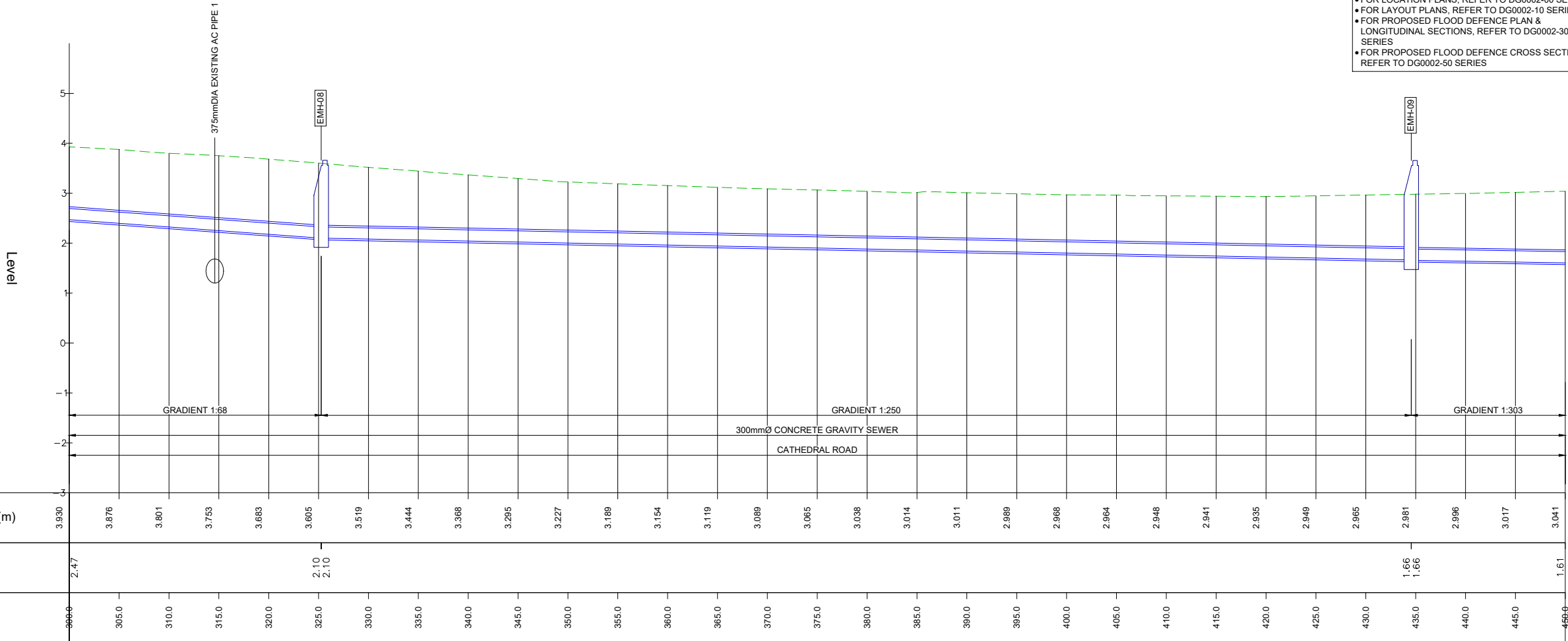
MAYO
VOLUNTEER
CENTRE

CATHEDRAL ROAD

PROPOSED DRAINAGE PLAN - MOY - EASTERN PIPELINE - CATHEDRAL ROAD - (01 OF 02) (CHAINAGE 300.00M - 450.00M AOD)
Scale: 1:500 @ A3



- FOR LOCATION PLANS, REFER TO DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



PROPOSED DRAINAGE LONGITUDINAL SECTION - MOY - EASTERN PIPELINE - CATHEDRAL ROAD (01 OF 02) (CHAINAGE 300.00M - 450.00M)
Scale: Horiz. 1:100, Vert. 1:20 @ A1

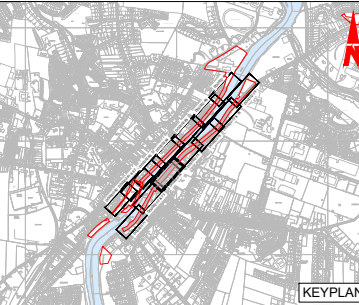
- General Notes
- (i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use 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
 - EXISTING GROUND LEVEL
 - EXISTING DRAINAGE NETWORK
 - PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE
 - EXISTING WALL TO BE RECONSTRUCTED
 - FLOOD WALL TO BE RETAINED
 - PROPOSED FLOODGATE
 - PROPOSED GLASS WALL
 - PROPOSED RC FLOOD WALL
 - PROPOSED TOE OF RC FLOOD WALL
 - PROPOSED OPEN CHANNEL CLAD IN STONE
 - PROPOSED RAISED PROMENADE
 - EXISTING ROAD
 - PROPOSED NATURAL STONE PAVING
 - PROPOSED REPURPOSED CONCRETE BLOCK PAVING
 - EXISTING PARKING SPACES
 - PROPOSED STREET FURNITURE
 - TREES TO BE RETAINED
 - TREES REQUIRING REMOVAL DUE TO POOR HEALTH
 - TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
 - NEW TREES TO BE PLANTED

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

Client

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Mayo County Council



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Project

**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title

**PROPOSED DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - EASTERN
PIPELINE - CATHEDRAL ROAD (01 OF 02)**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-Z-DG0002-74

Created on

26/11/2024

Sheets

05 of 18

Scale

AS STATED @ A1
AS STATED @ A3

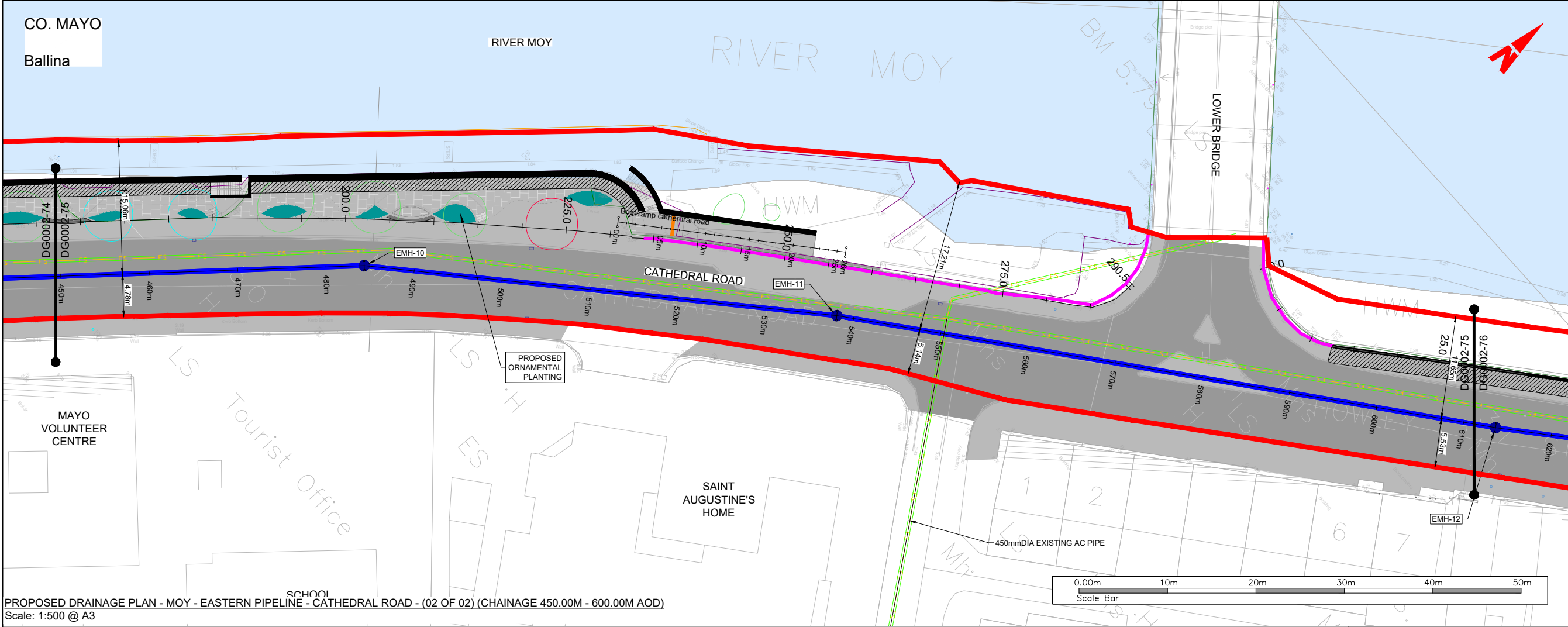
Status

A1

Rev

C01

W:\MGW0290_Mayo Co Co_Ballina FRS6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-C-DG0002-70 Moy Drainage Longitudinal Plans & Sections.dwg



General Notes

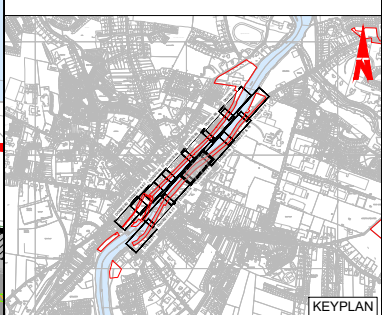
(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, 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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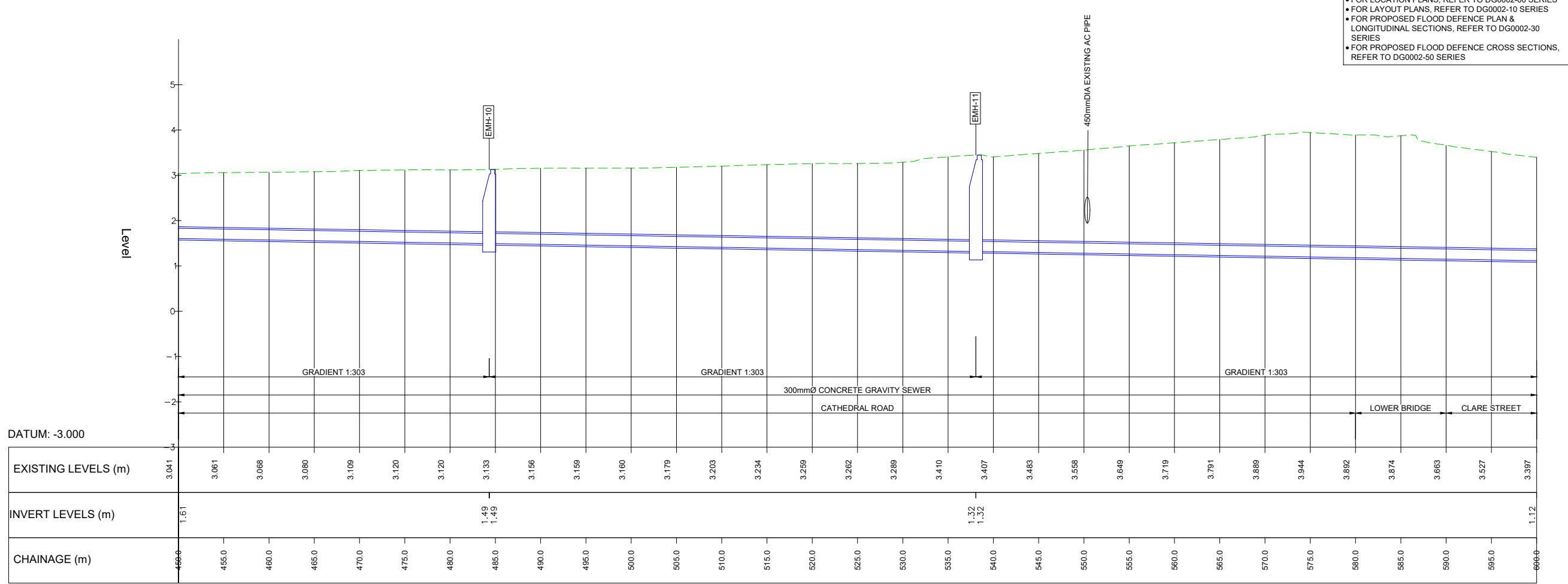
(v) All Levels refer to Ordnance Survey Datum, Malin Head.



LEGEND:

PROPOSED REDLINE BOUNDARY	
EXISTING GROUND LEVEL	
EXISTING DRAINAGE NETWORK	
PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE	
EXISTING WALL TO BE RECONSTRUCTED	
FLOOD WALL TO BE RETAINED	
PROPOSED FLOODGATE	
PROPOSED GLASS WALL	
PROPOSED RC FLOOD WALL	
PROPOSED TOE OF RC FLOOD WALL	
PROPOSED OPEN CHANNEL CLAD IN STONE	
PROPOSED RAISED PROMENADE	
EXISTING ROAD	
PROPOSED NATURAL STONE PAVING	
PROPOSED REPURPOSED CONCRETE BLOCK PAVING	
EXISTING PARKING SPACES	
PROPOSED STREET FURNITURE	
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 DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



PROPOSED DRAINAGE LONGITUDINAL SECTION - MOY - EASTERN PIPELINE - CATHEDRAL ROAD (02 OF 02) (CHAINAGE 450.00M - 600.00M)

Scale: Horiz. 1:100, Vert. 1:20 @ A1

Rev	Date	Drn. Ckx	Amendment / Issue	App
A1 C01	07/04/25	JB	AUTHORISED & ACCEPTED FOR PLANNING	P/G
P02	27/03/25	JB	REVIEW & AUTHORISATION	P/G
S4 P01	20/01/25	JB	REVIEW & AUTHORISATION	P/G

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 DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - EASTERN
PIPELINE - CATHEDRAL ROAD (02 OF 02)**

Model File Identifier

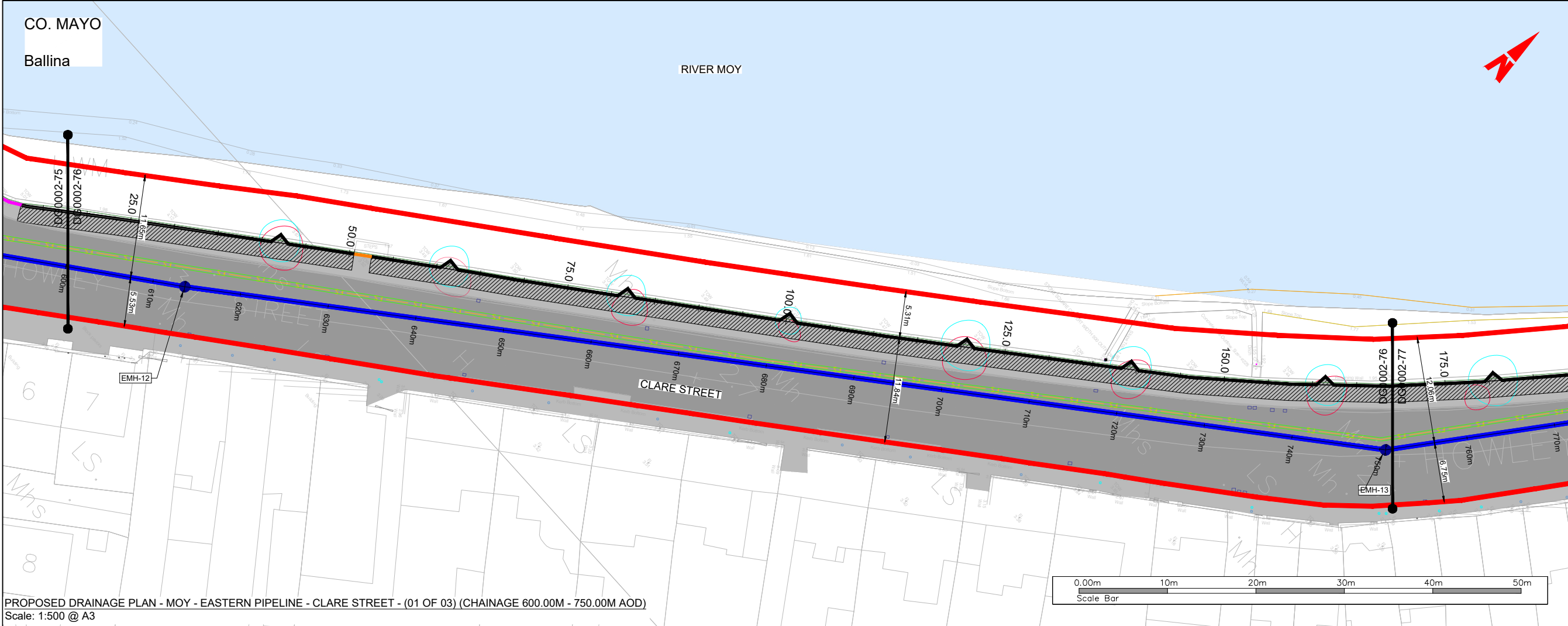
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File Identifier

MGW0290-RPS-00-XX-DR-Z-DG0002-75

Created on	26/11/2024	Sheets	06 of 18
Scale	AS STATED @ A1 AS STATED @ A3	Status	A1
		Rev	C01

W:\MGW0290_Mayo Co Co_Ballina FRS6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-C-DG0002-70 Moy Drainage Longitudinal Plans & Sections.dwg



General Notes

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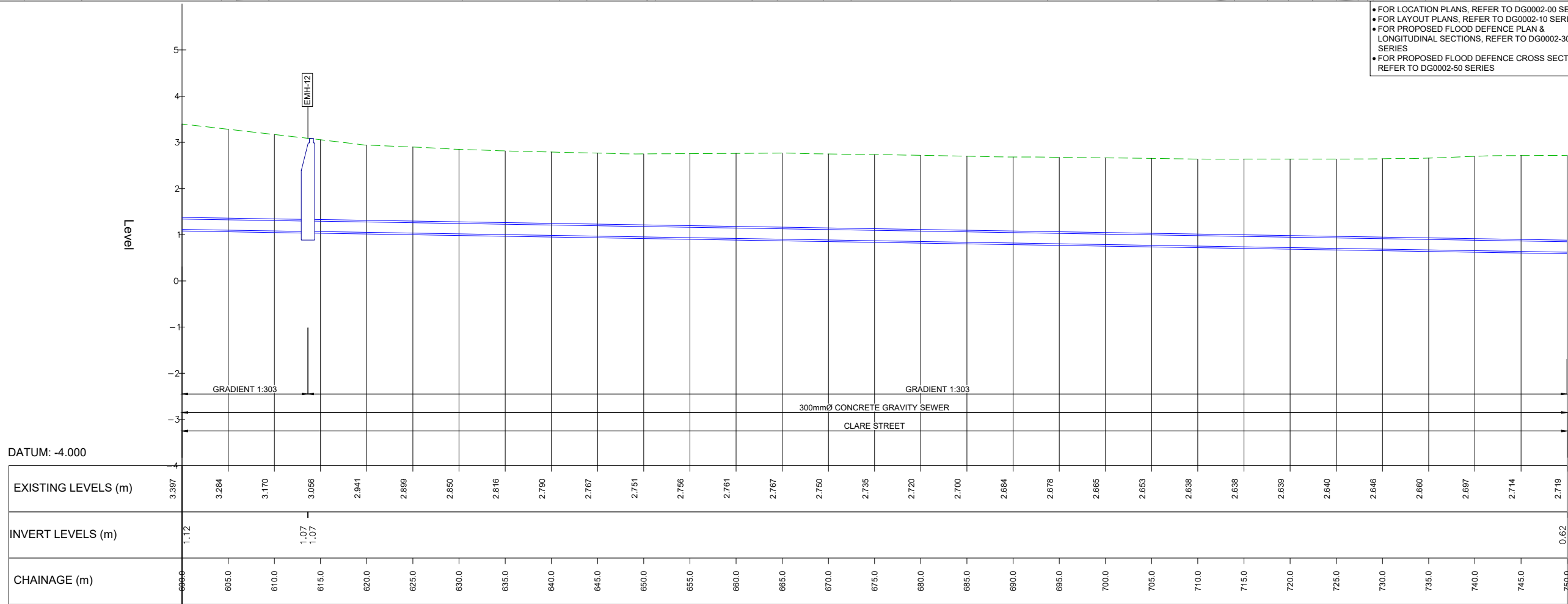
(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.

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

KEYPLAN

LEGEND:

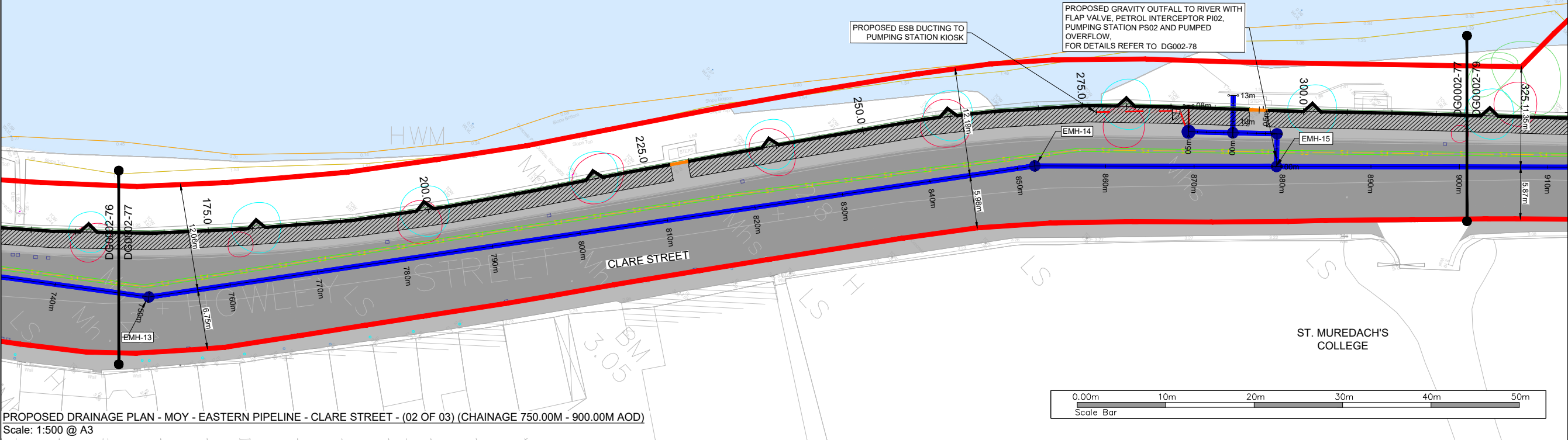
- PROPOSED REDLINE BOUNDARY
- EXISTING GROUND LEVEL
- EXISTING DRAINAGE NETWORK
- PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE
- EXISTING WALL TO BE RECONSTRUCTED
- FLOOD WALL TO BE RETAINED
- PROPOSED FLOODGATE
- PROPOSED GLASS WALL
- PROPOSED RC FLOOD WALL
- PROPOSED TOE OF RC FLOOD WALL
- PROPOSED OPEN CHANNEL CLAD IN STONE
- PROPOSED RAISED PROMENADE
- EXISTING ROAD
- PROPOSED NATURAL STONE PAVING
- PROPOSED REPURPOSED CONCRETE BLOCK PAVING
- EXISTING PARKING SPACES
- PROPOSED STREET FURNITURE
- TREES TO BE RETAINED
- TREES REQUIRING REMOVAL DUE TO POOR HEALTH
- TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
- NEW TREES TO BE PLANTED



A1	C01	07/04/25	DR	MA	AUTHORISED & ACCEPTED FOR PLANNING	P/G
P02		27/03/25	DR	MA	REVIEW & AUTHORISATION	P/G
S4	P01	20/01/25	DR	MA	REVIEW & AUTHORISATION	P/G
Rev	Date	Drn	Ck	Amendment / Issue	App	
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						
Project						
BALLINA FLOOD RELIEF SCHEME PLANNING APPLICATION						
Title						
PROPOSED DRAINAGE PLAN & LONGITUDINAL SECTION - MOY - EASTERN PIPELINE - CLARE STREET (01 of 03)						
Model File Identifier						
N/A						
File Identifier						
MGW0290-RPS-00-XX-DR-Z-DG0002-76						
Created on				Sheets		
26/11/2024				07 of 18		
Scale		Status		Rev		
AS STATED @ A1 AS STATED @ A3		A1		C01		

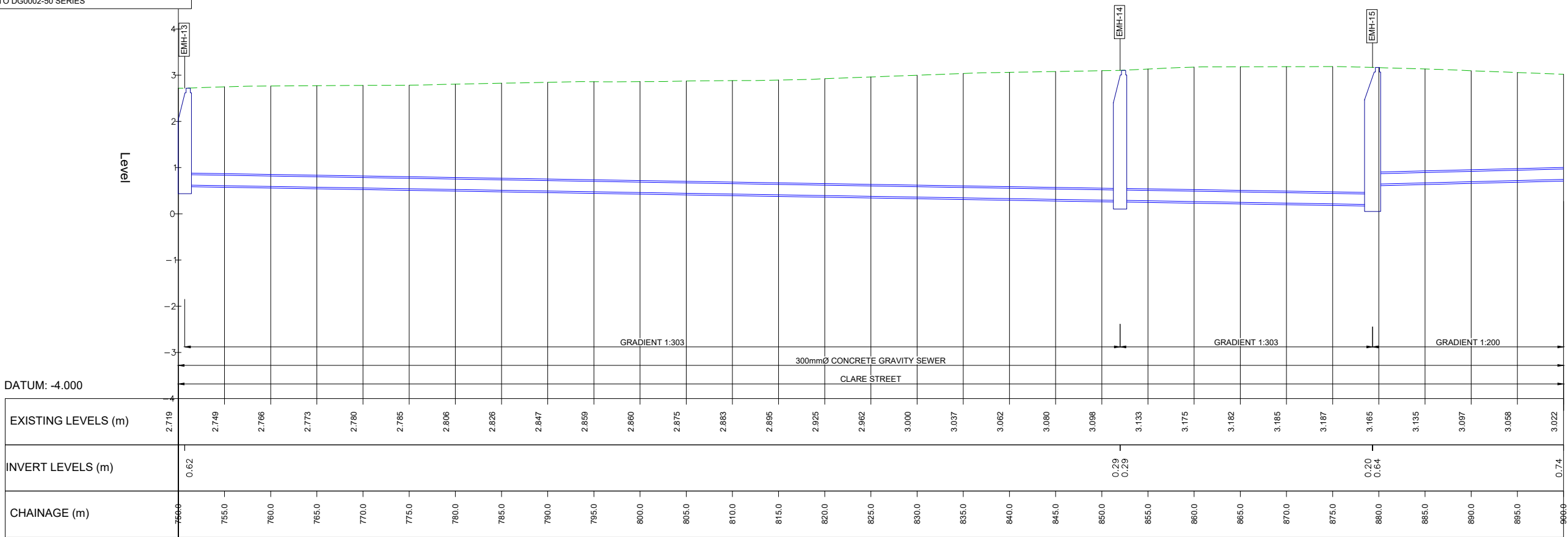
CO. MAYO
Ballina

RIVER MOY



PROPOSED DRAINAGE PLAN - MOY - EASTERN PIPELINE - CLARE STREET - (02 OF 03) (CHAINAGE 750.00M - 900.00M AOD)
Scale: 1:500 @ A3

- FOR LOCATION PLANS, REFER TO DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES

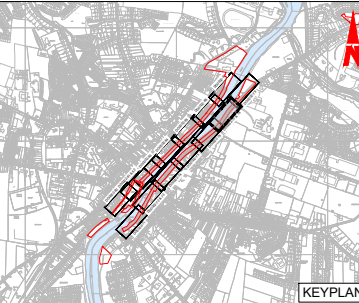


PROPOSED DRAINAGE LONGITUDINAL SECTION - MOY - EASTERN PIPELINE - CLARE STREET (02 OF 03) (CHAINAGE 750.00M - 900.00M)
Scale: Horiz. 1:100, Vert. 1:20 @ A1

- General Notes
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- LEGEND:
- PROPOSED REDLINE BOUNDARY
 - EXISTING GROUND LEVEL
 - EXISTING DRAINAGE NETWORK
 - PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE
 - EXISTING WALL TO BE RECONSTRUCTED
 - FLOOD WALL TO BE RETAINED
 - PROPOSED FLOODGATE
 - PROPOSED GLASS WALL
 - PROPOSED RC FLOOD WALL
 - PROPOSED TOE OF RC FLOOD WALL
 - PROPOSED OPEN CHANNEL CLAD IN STONE
 - PROPOSED RAISED PROMENADE
 - EXISTING ROAD
 - PROPOSED NATURAL STONE PAVING
 - PROPOSED REPURPOSED CONCRETE BLOCK PAVING
 - EXISTING PARKING SPACES
 - PROPOSED STREET FURNITURE
 - TREES TO BE RETAINED
 - TREES REQUIRING REMOVAL DUE TO POOR HEALTH
 - TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
 - NEW TREES TO BE PLANTED

Rev	Date	Drawn By	Check By	Amendment / Issue	App
A1	07/04/25	JB	MA	AUTHORISED & ACCEPTED FOR PLANNING	R/S
P01	27/03/25	JB	MA	REVIEW & AUTHORISATION	R/S
S4	20/01/25	JB	MA	REVIEW & AUTHORISATION	R/S

Client
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E ireland@rpsgroup.com

Project
**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title
**PROPOSED DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - EASTERN
PIPELINE - CLARE STREET (02 of 03)**

Model File Identifier
N/A

File Identifier
MGW0290-RPS-00-XX-DR-Z-DG0002-77

Created on
26/11/2024

Scale
AS STATED @ A1
AS STATED @ A3

Sheets
08 of 18

Status
A1

Rev
C01

CO. MAYO
Ballina

RIVER MOY



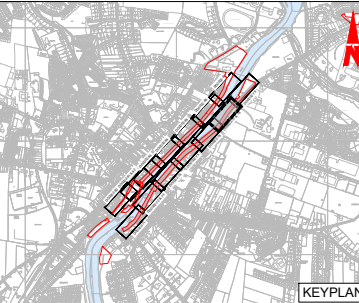
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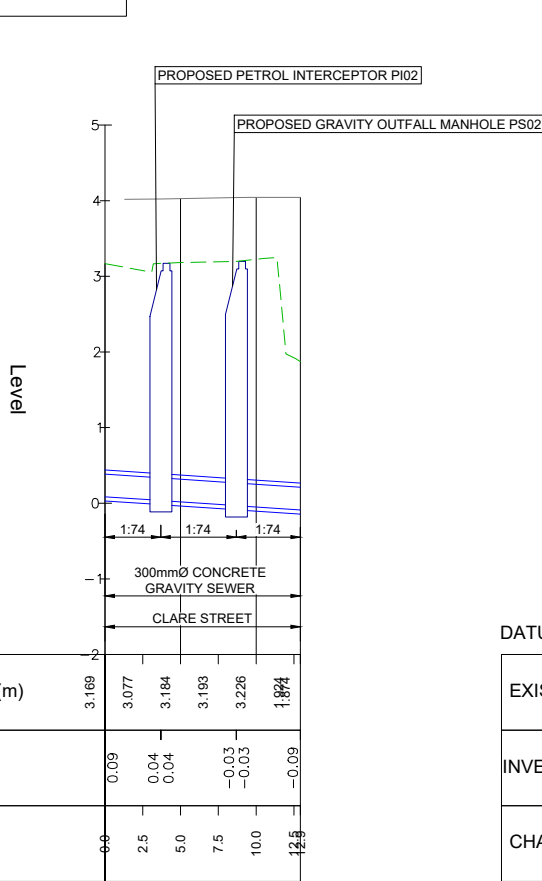


- LEGEND:
- PROPOSED REDLINE BOUNDARY
 - EXISTING GROUND LEVEL
 - EXISTING DRAINAGE NETWORK
 - PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE
 - EXISTING WALL TO BE RECONSTRUCTED
 - FLOOD WALL TO BE RETAINED
 - PROPOSED FLOODGATE
 - PROPOSED GLASS WALL
 - PROPOSED RC FLOOD WALL
 - PROPOSED TOE OF RC FLOOD WALL
 - PROPOSED OPEN CHANNEL CLAD IN STONE
 - PROPOSED RAISED PROMENADE
 - EXISTING ROAD
 - PROPOSED NATURAL STONE PAVING
 - PROPOSED REPURPOSED CONCRETE BLOCK PAVING
 - EXISTING PARKING SPACES
 - PROPOSED STREET FURNITURE
 - TREES TO BE RETAINED
 - TREES REQUIRING REMOVAL DUE TO POOR HEALTH
 - TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
 - NEW TREES TO BE PLANTED

PROPOSED DRAINAGE PLAN - MOY - EASTERN PIPELINE - CLARE STREET - (02 OF 03) (CHAINAGE 750.00M - 900.00M AOD)

Scale: 1:500 @ A3

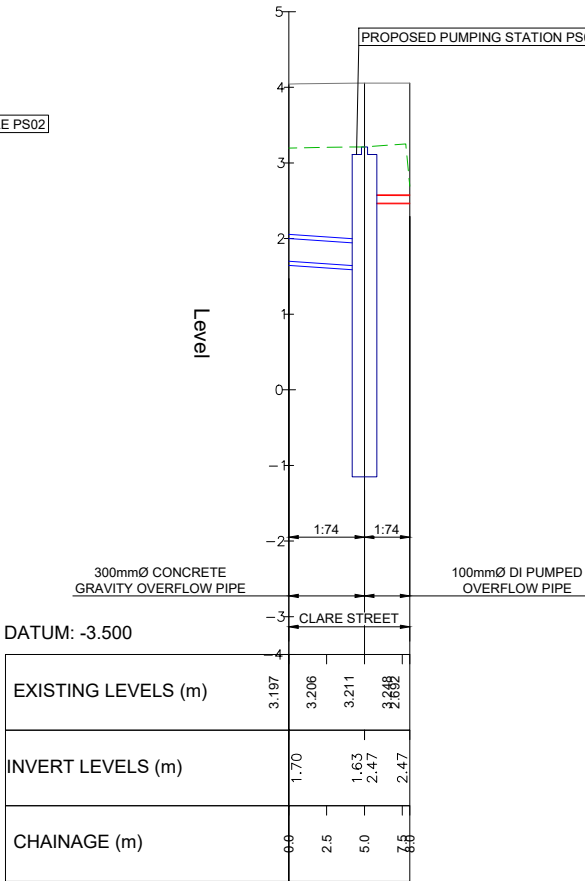
- FOR LOCATION PLANS, REFER TO DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



DATUM: -2.000

EXISTING LEVELS (m)	3.169	3.077	3.184	3.193	3.226	1.894
INVERT LEVELS (m)	0.09	0.04	0.04	-0.03	-0.03	-0.09
CHAINAGE (m)	0.0	2.5	5.0	7.5	10.0	12.5

PROPOSED GRAVITY OUTFALL PS02 - CLARE STREET (01 OF 01)
Scale: Horiz. 1:100, Vert. 1:20 @ A1



DATUM: -3.500

EXISTING LEVELS (m)	3.197	3.206	3.211	3.226
INVERT LEVELS (m)	1.70	1.63	2.47	2.47
CHAINAGE (m)	0.0	2.5	5.0	7.5

PROPOSED PUMPED OVERFLOW PS02 - CLARE STREET (01 OF 01)
Scale: Horiz. 1:100, Vert. 1:20 @ A1

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

Client
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Mayo County Council



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Project
**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title
**PROPOSED DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - EASTERN
PIPELINE - PUMPING STATION 2 & OUTFALL**

Model File Identifier
N/A

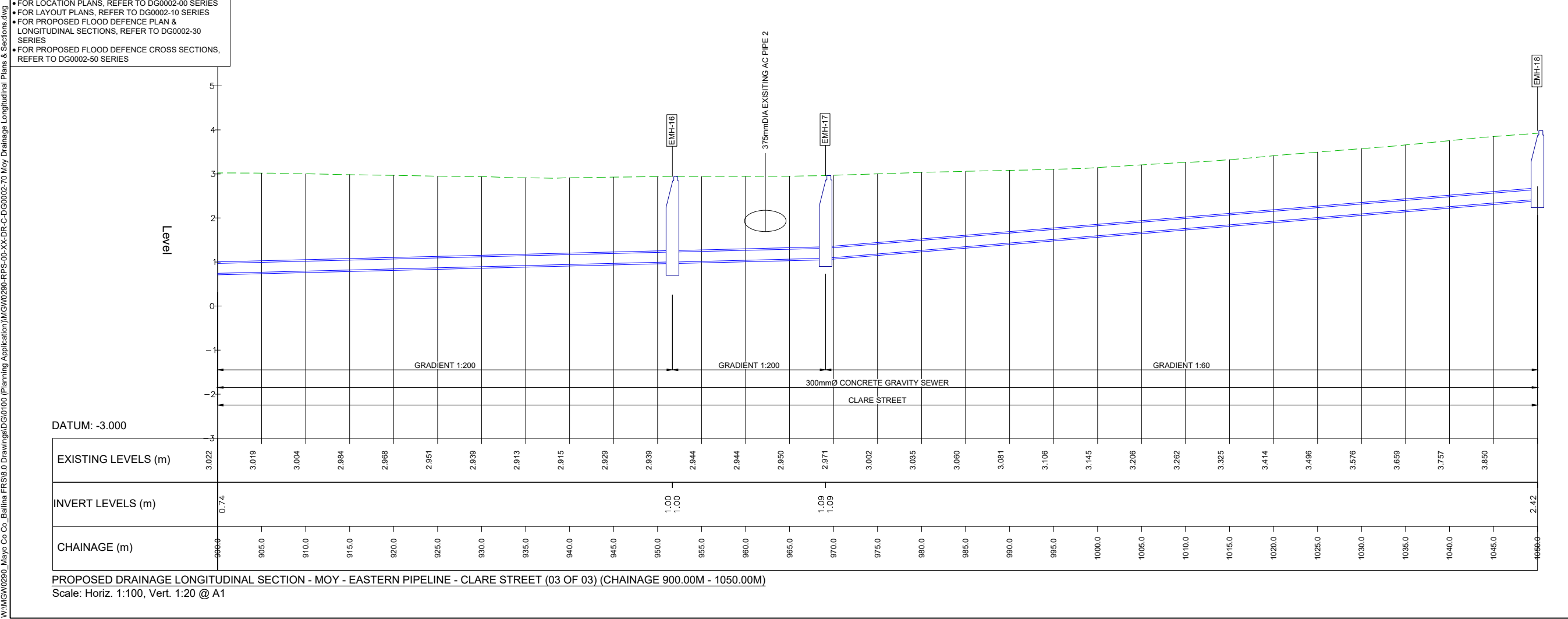
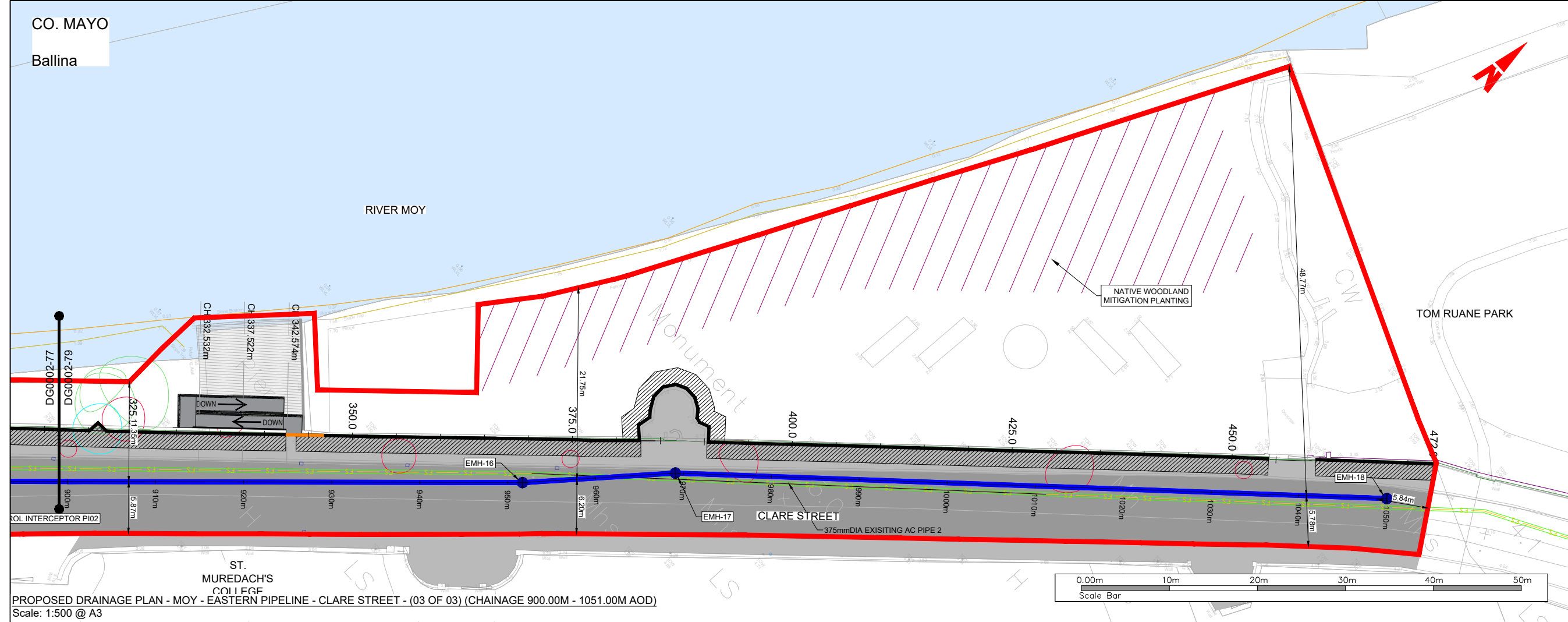
File Identifier
MGW0290-RPS-00-XX-DR-Z-DG0002-78

Created on
26/11/2024

Scale
AS STATED @ A1
AS STATED @ A3

Status
A1

Rev
C01



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KEYPLAN

LEGEND:

- PROPOSED REDLINE BOUNDARY
- EXISTING GROUND LEVEL
- EXISTING DRAINAGE NETWORK
- PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE
- EXISTING WALL TO BE RECONSTRUCTED
- FLOOD WALL TO BE RETAINED
- PROPOSED FLOODGATE
- PROPOSED GLASS WALL
- PROPOSED RC FLOOD WALL
- PROPOSED TOE OF RC FLOOD WALL
- PROPOSED OPEN CHANNEL CLAD IN STONE
- PROPOSED RAISED PROMENADE
- EXISTING ROAD
- PROPOSED NATURAL STONE PAVING
- PROPOSED REPURPOSED CONCRETE BLOCK PAVING
- EXISTING PARKING SPACES
- PROPOSED STREET FURNITURE
- TREES TO BE RETAINED
- TREES REQUIRING REMOVAL DUE TO POOR HEALTH
- TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
- NEW TREES TO BE PLANTED

Rev	Date	Drawn By	Checked By	Amendment / Issue	App
A1	07/04/25	JB	MA	AUTHORISED & ACCEPTED FOR PLANNING	RGO
P02	27/03/25	JB	MA	REVIEW & AUTHORISATION	RGO
S4	P01	20/01/25	JB	REVIEW & AUTHORISATION	RGO

Client

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Project

**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title

**PROPOSED DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - EASTERN
PIPELINE - CLARE STREET (03 of 03)**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-Z-DG0002-79

Created on

26/11/2024

Sheets

10 of 18

Scale

AS STATED @ A1
AS STATED @ A3

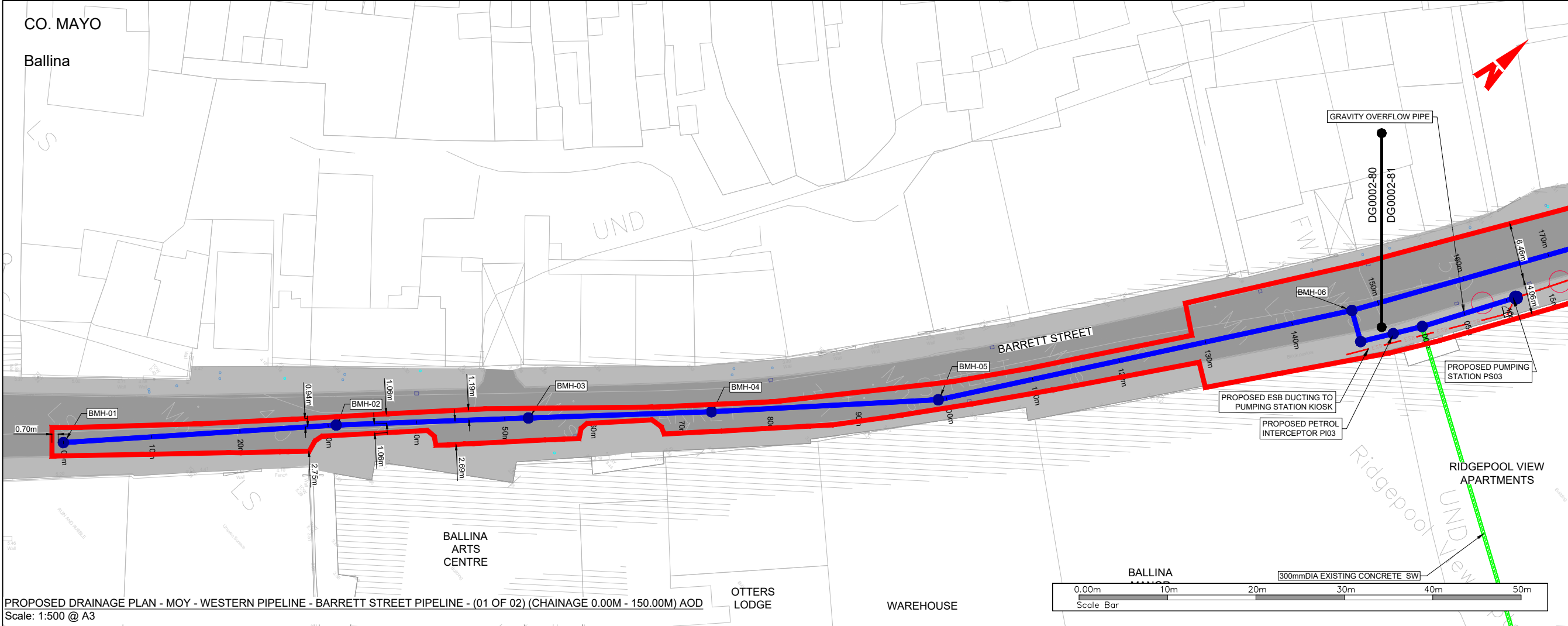
Status

A1

Rev

C01

W:\MGW0290_Mayo Co Co_Ballina FRS\6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-Z-DG0002-70 Moy Drainage Longitudinal Plans & Sections.dwg



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KEYPLAN

LEGEND:

PROPOSED REDLINE BOUNDARY

EXISTING GROUND LEVEL

EXISTING DRAINAGE NETWORK

PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE

EXISTING WALL TO BE RECONSTRUCTED

FLOOD WALL TO BE RETAINED

PROPOSED FLOODGATE

PROPOSED GLASS WALL

PROPOSED RC FLOOD WALL

PROPOSED TOE OF RC FLOOD WALL

PROPOSED OPEN CHANNEL CLAD IN STONE

PROPOSED RAISED PROMENADE

EXISTING ROAD

PROPOSED NATURAL STONE PAVING

PROPOSED REPURPOSED CONCRETE BLOCK PAVING

EXISTING PARKING SPACES

PROPOSED STREET FURNITURE

TREES TO BE RETAINED

TREES REQUIRING REMOVAL DUE TO POOR HEALTH

TREES REQUIRING REMOVAL DUE TO CONSTRUCTION

NEW TREES TO BE PLANTED

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

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Project

**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title

**PROPOSED DRAINAGE
PLAN & LONGITUDINAL SECTION - MOY
BARRETT STREET PIPELINE (01 of 02)**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-Z-DG0002-80

Created on

26/11/2024

Sheets

11 of 18

Scale

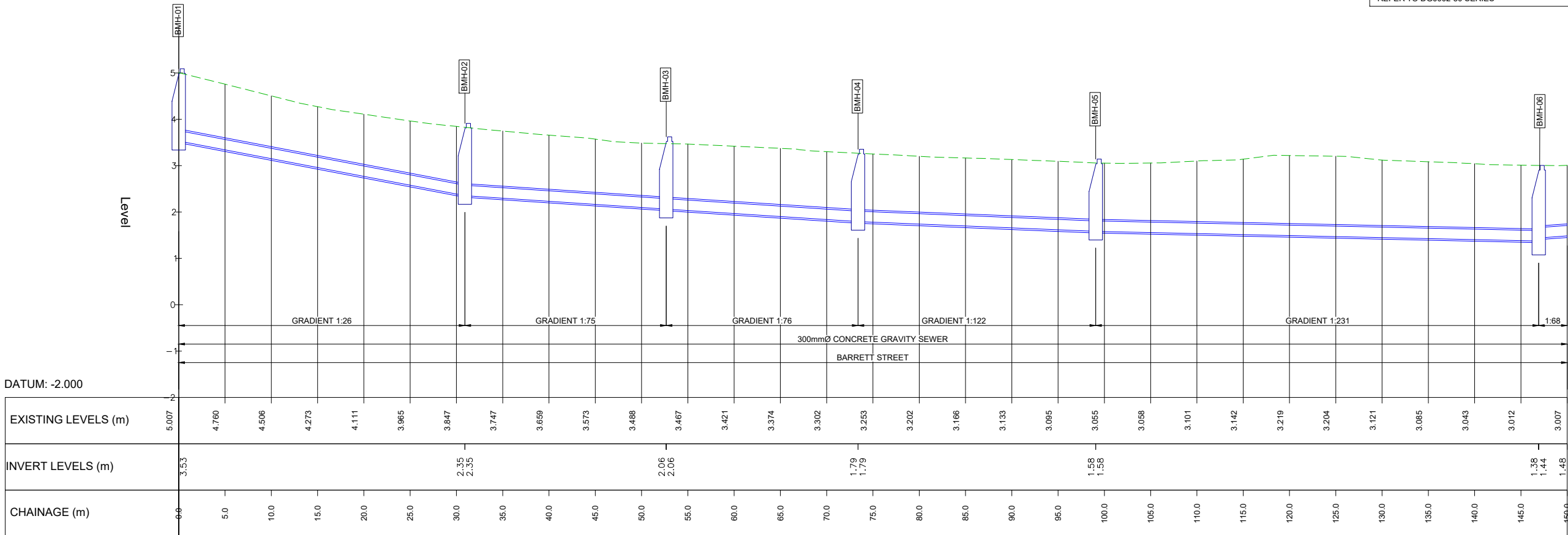
AS STATED @ A1
AS STATED @ A3

Status

A1

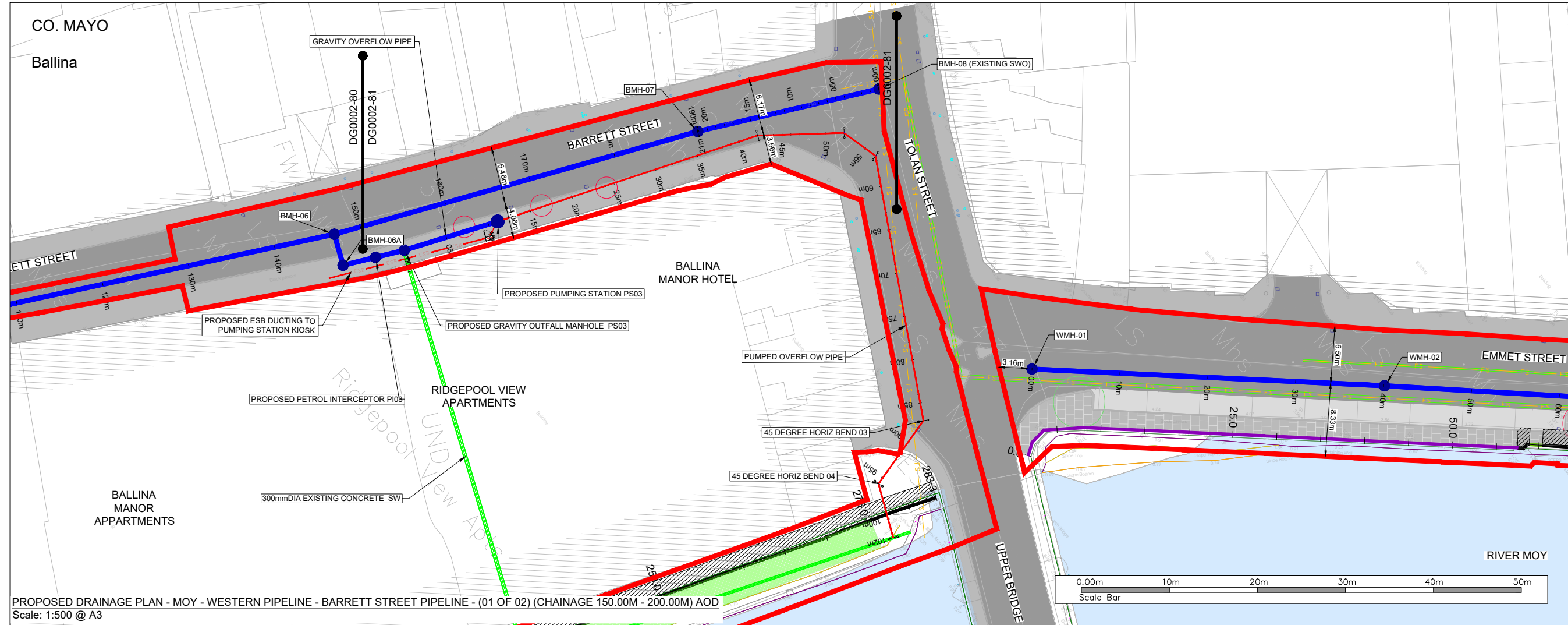
Rev

C01

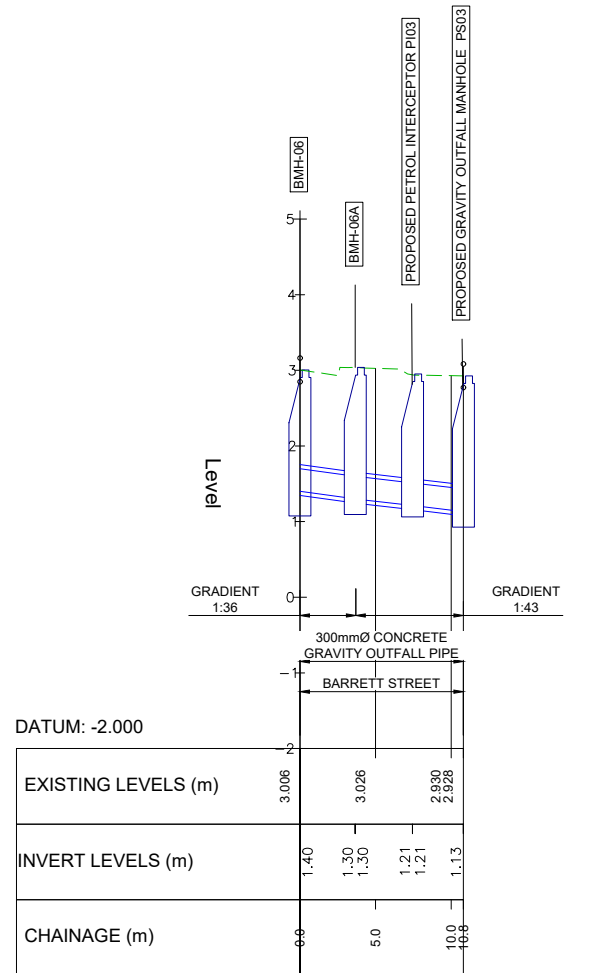
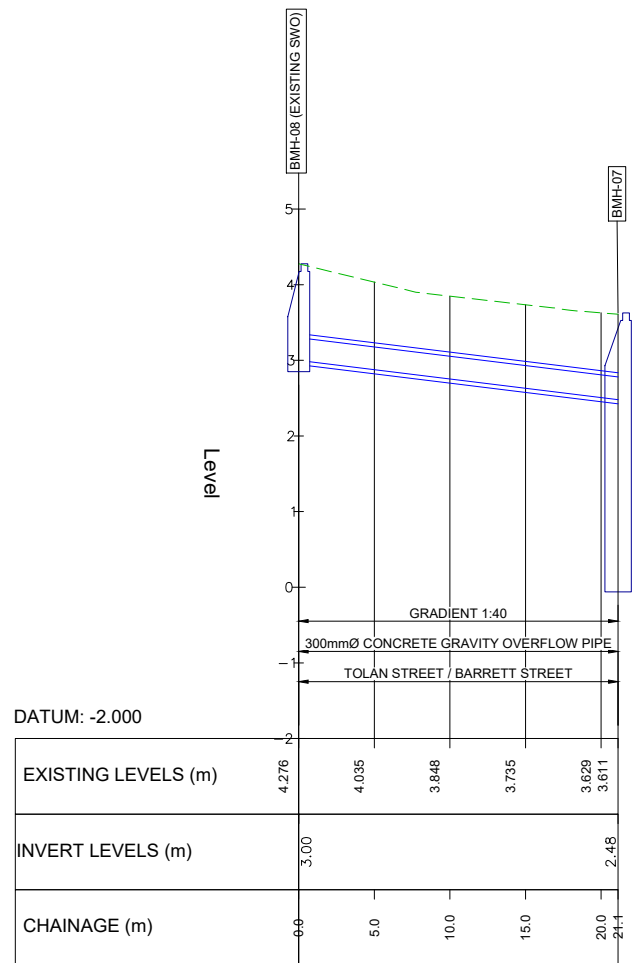
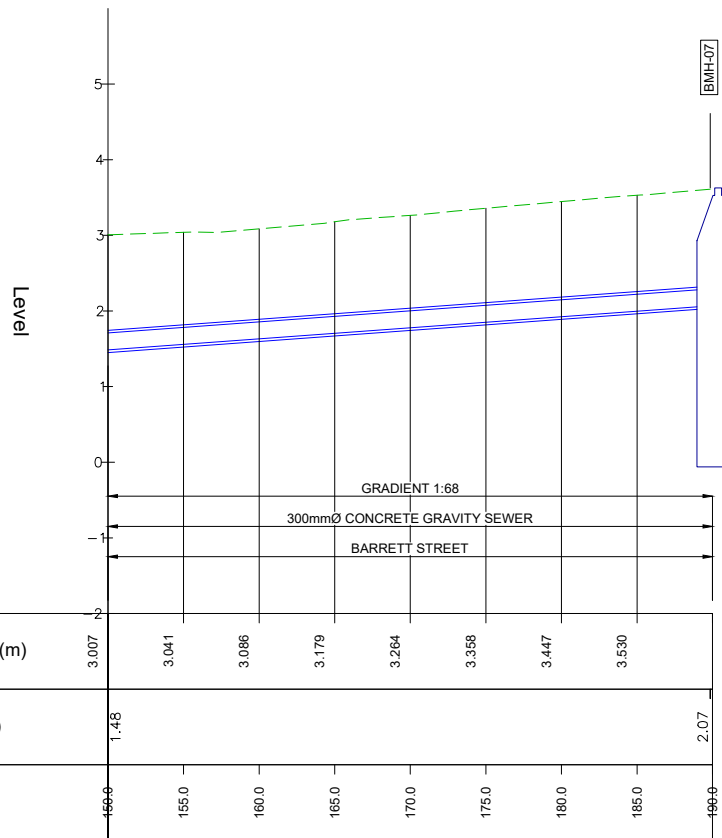


PROPOSED DRAINAGE LONGITUDINAL SECTION - MOY - BARRETT STREET PIPELINE (01 OF 02) (CHAINAGE 0.00M - 150.00M)

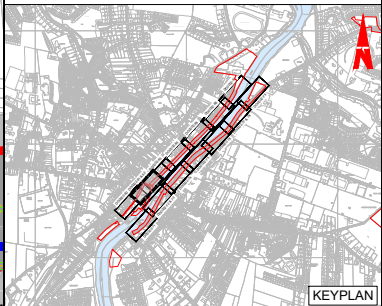
Scale: Horiz. 1:100, Vert. 1:20 @ A1



- FOR LOCATION PLANS, REFER TO DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



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 - EXISTING WALL TO BE RECONSTRUCTED
 - FLOOD WALL TO BE RETAINED
 - PROPOSED FLOODGATE
 - PROPOSED GLASS WALL
 - PROPOSED RC FLOOD WALL
 - PROPOSED TOE OF RC FLOOD WALL
 - PROPOSED OPEN CHANNEL CLAD IN STONE
 - PROPOSED RAISED PROMENADE
 - EXISTING ROAD
 - PROPOSED NATURAL STONE PAVING
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Rev	Date	Drawn By	Check By	Amendment / Issue	App
A1	C01	07/04/25	JB	AUTHORISED & ACCEPTED FOR PLANNING	R/G
P02		27/03/25	JB	REVIEW & AUTHORISATION	R/G
S4	P01	20/01/25	JB	REVIEW & AUTHORISATION	R/G

Client

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Mayo County Council

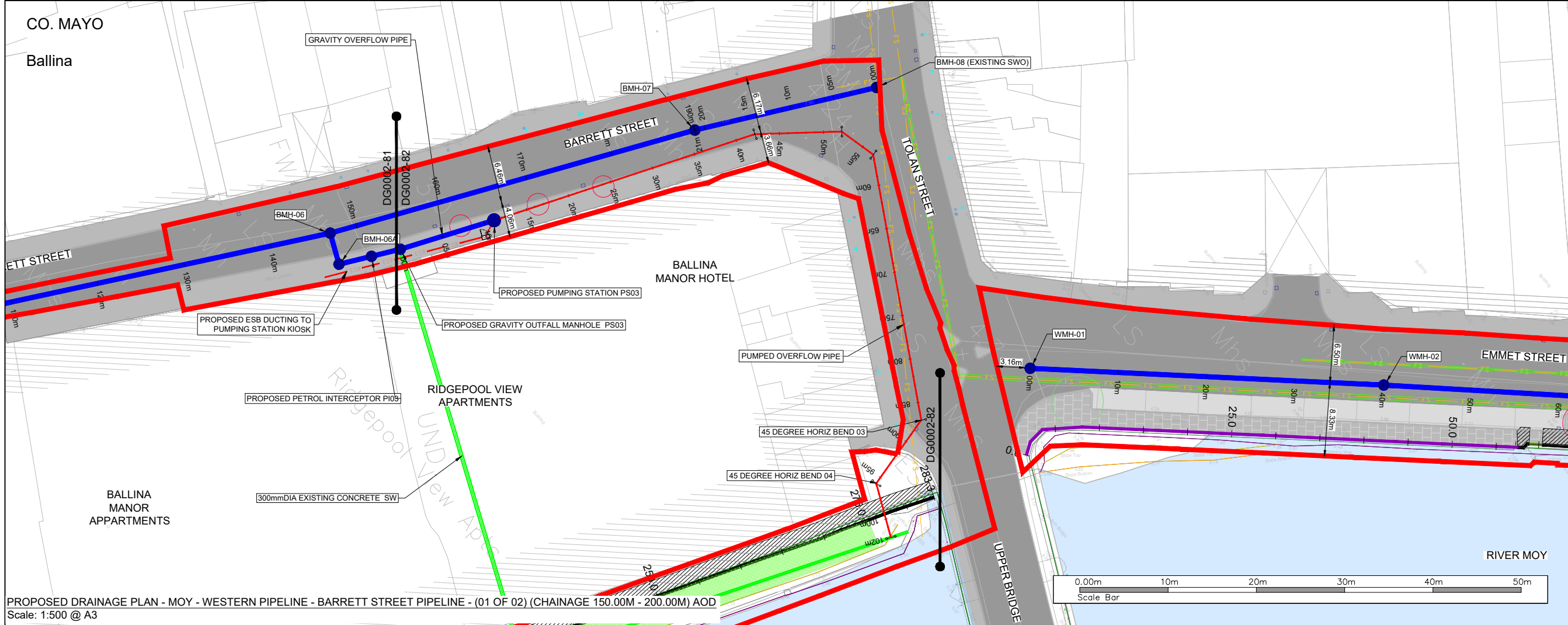
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Project		
BALLINA FLOOD RELIEF SCHEME PLANNING APPLICATION		
Title		
PROPOSED DRAINAGE PLAN & LONGITUDINAL SECTION - MOY BARRETT STREET PIPELINE (02 of 02)		
Model File Identifier		
N/A		
File Identifier		
MGW0290-RPS-00-XX-DR-Z-DG0002-81		
Created on	Sheets	
26/11/2024	12 of 18	
Scale	Status	Rev
AS STATED @ A1 AS STATED @ A3	A1	C01



General Notes

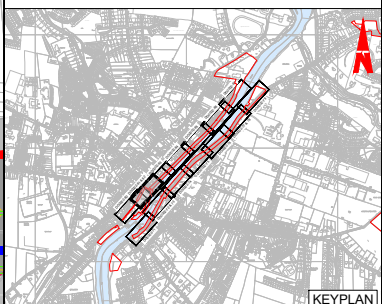
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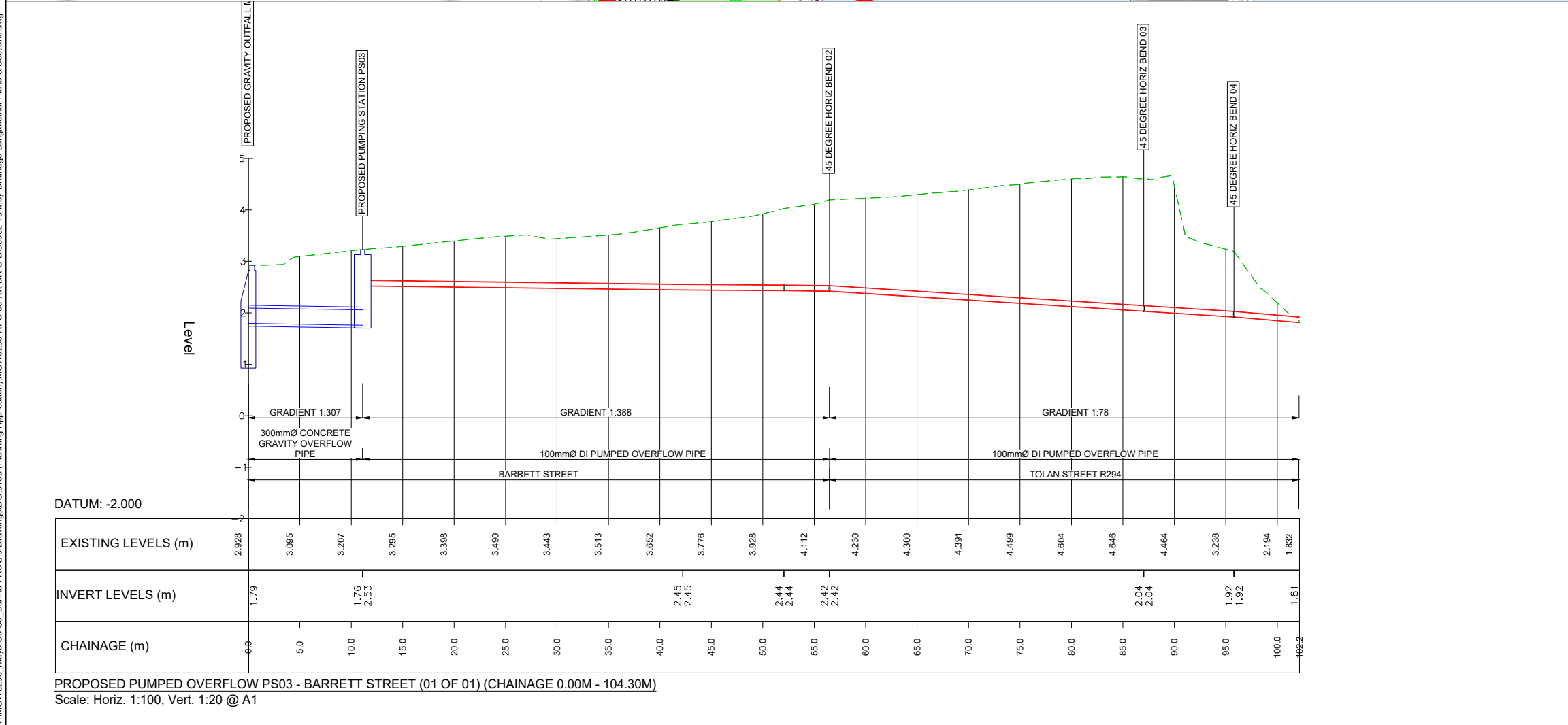
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- LEGEND:
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 - EXISTING GROUND LEVEL
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 - PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE
 - EXISTING WALL TO BE RECONSTRUCTED
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 - TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
 - NEW TREES TO BE PLANTED

- FOR LOCATION PLANS, REFER TO DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



Rev	Date	Drn. Ckx	Amendment / Issue	App
A1	07/04/25	JB	AUTHORISED & ACCEPTED FOR PLANNING	P/G
P02	27/03/25	JB	REVIEW & AUTHORISATION	P/G
S4	20/01/25	JB	REVIEW & AUTHORISATION	P/G

Client

Comhairle Contae Mhaigh Eo
Mayo County Council

OPW
Office of Public Works

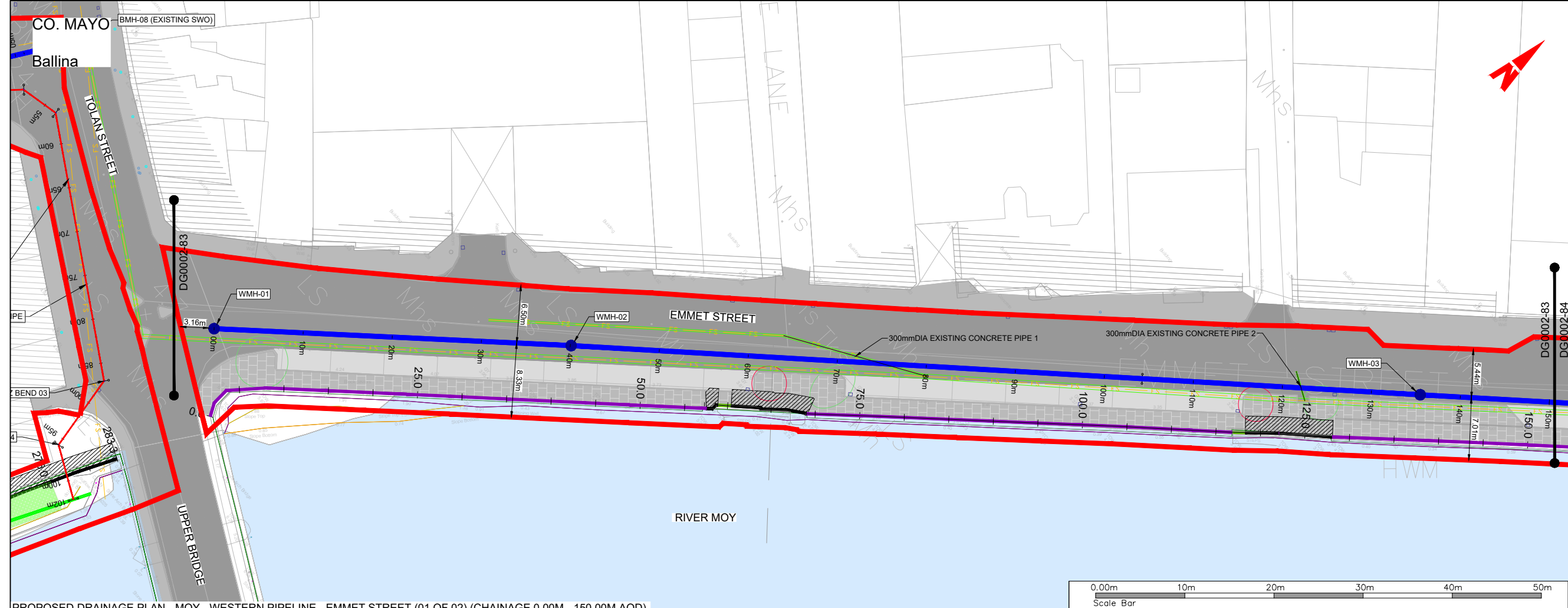
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Project		
BALLINA FLOOD RELIEF SCHEME PLANNING APPLICATION		
Title		
PROPOSED DRAINAGE PLAN & LONGITUDINAL SECTION - MOY PUMPING STATION 3 & OUTFALL		
Model File Identifier		
N/A		
File Identifier		
MGW0290-RPS-00-XX-DR-Z-DG0002-82		
Created on	Sheets	
26/11/2024	13 of 18	
Scale	Status	Rev
AS STATED @ A1 AS STATED @ A3	A1	C01

W:\MGW0290_Mayo Co Co_Ballina FRS\6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-Z-DG0002-70 Moy Drainage Longitudinal Plans & Sections.dwg



PROPOSED DRAINAGE PLAN - MOY - WESTERN PIPELINE - EMMET STREET (01 OF 02) (CHAINAGE 0.00M - 150.00M AOD)
Scale: 1:500 @ A3

General Notes

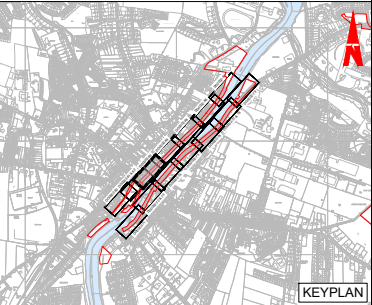
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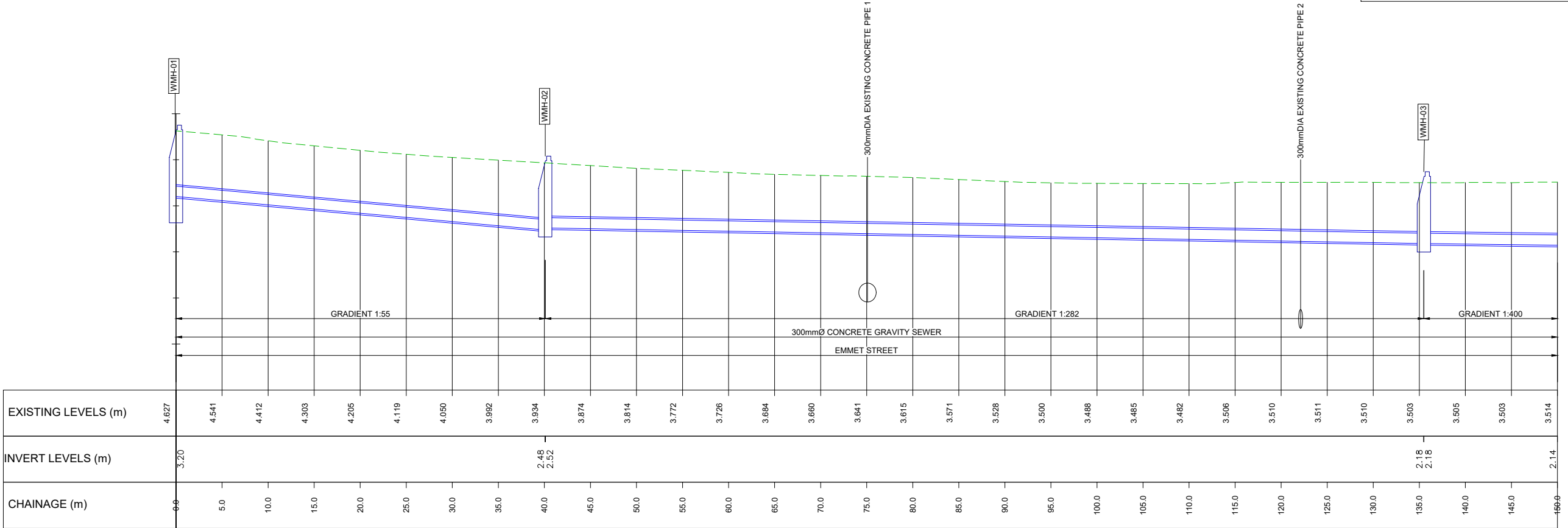
(v) All Levels refer to Ordnance Survey Datum, Malin Head.



LEGEND:

PROPOSED REDLINE BOUNDARY	
EXISTING GROUND LEVEL	
EXISTING DRAINAGE NETWORK	
PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE	
EXISTING WALL TO BE RECONSTRUCTED	
FLOOD WALL TO BE RETAINED	
PROPOSED FLOODGATE	
PROPOSED GLASS WALL	
PROPOSED RC FLOOD WALL	
PROPOSED TOE OF RC FLOOD WALL	
PROPOSED OPEN CHANNEL CLAD IN STONE	
PROPOSED RAISED PROMENADE	
EXISTING ROAD	
PROPOSED NATURAL STONE PAVING	
PROPOSED REPURPOSED CONCRETE BLOCK PAVING	
EXISTING PARKING SPACES	
PROPOSED STREET FURNITURE	
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 DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



EXISTING LEVELS (m)	4.627	4.541	4.412	4.303	4.205	4.119	4.050	3.992	3.934	3.874	3.814	3.772	3.726	3.684	3.660	3.641	3.615	3.571	3.528	3.500	3.488	3.485	3.482	3.506	3.510	3.511	3.510	3.503	3.505	3.503	3.514
INVERT LEVELS (m)	3.20								2.48	2.52																2.18	2.18				2.14
CHAINAGE (m)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0

A1 C01	07/04/25	DR	MA	AUTHORISED & ACCEPTED FOR PLANNING	P/G
P02	27/03/25	DR	MA	REVIEW & AUTHORISATION	P/G
S4 P01	20/01/25	DR	MA	REVIEW & AUTHORISATION	P/G
Rev	Date	Drn	Chk	Amendment / Issue	App

Client

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Mayo County Council

OPW
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 DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - WESTERN
PIPELINE - EMMET STREET (01 of 02)**

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-Z-DG0002-83

Created on

26/11/2024

Scale

AS STATED @ A1
AS STATED @ A3

Sheets

14 of 18

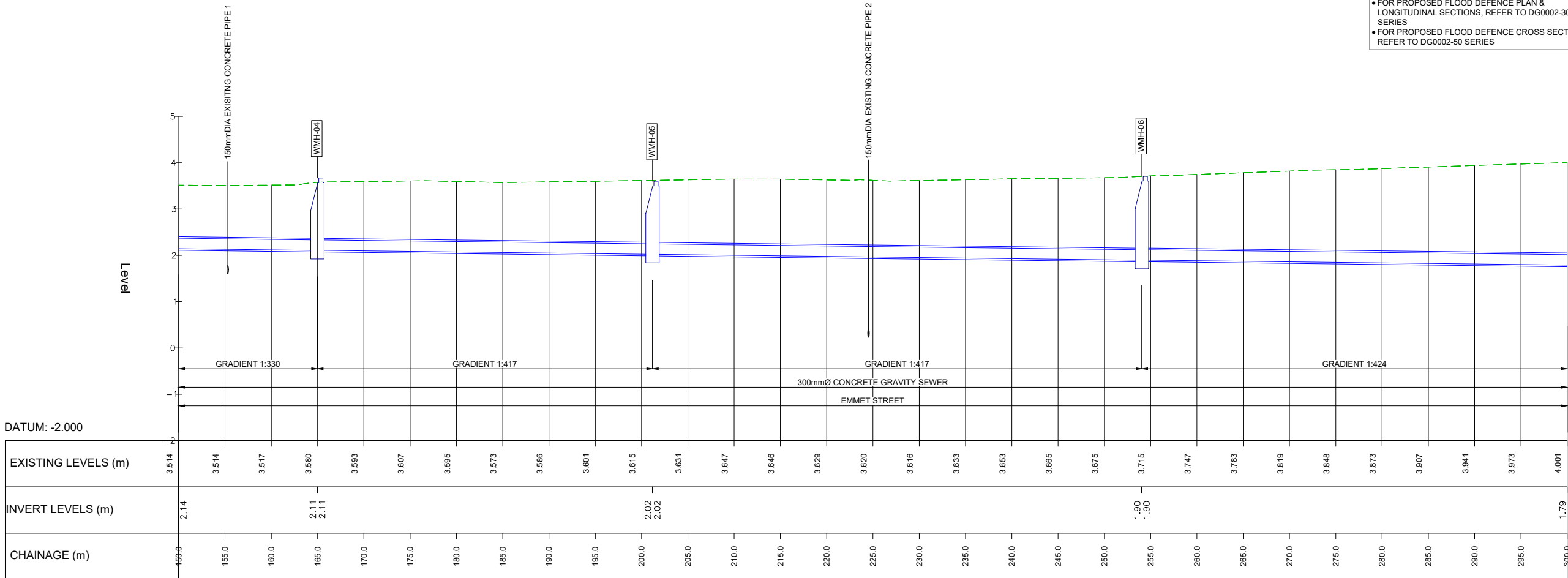
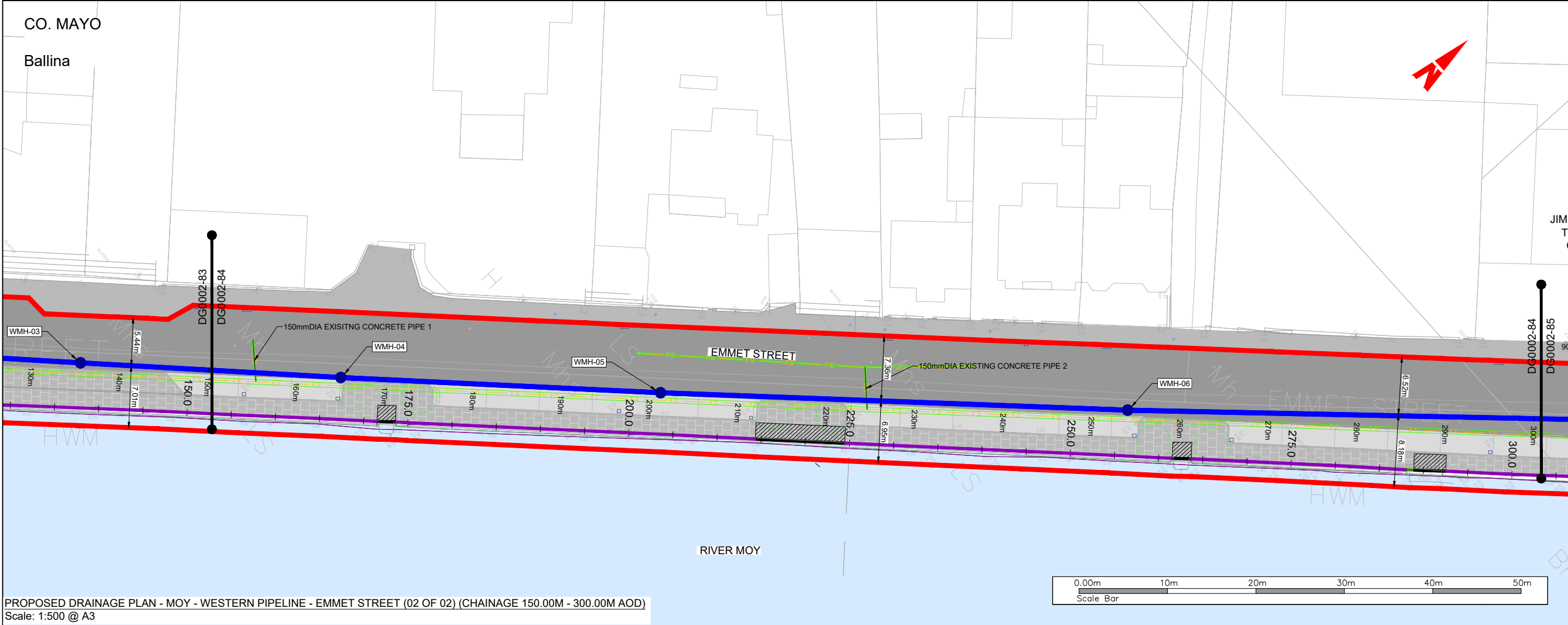
Status

A1

Rev

C01

W:\MGW0290_Mayo Co Co_Ballina FRS6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-C-DG0002-70 Moy Drainage Longitudinal Plans & Sections.dwg



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(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

EXISTING DRAINAGE NETWORK

PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE

EXISTING WALL TO BE RECONSTRUCTED

FLOOD WALL TO BE RETAINED

PROPOSED FLOODGATE

PROPOSED GLASS WALL

PROPOSED RC FLOOD WALL

PROPOSED TOE OF RC FLOOD WALL

PROPOSED OPEN CHANNEL CLAD IN STONE

PROPOSED RAISED PROMENADE

EXISTING ROAD

PROPOSED NATURAL STONE PAVING

PROPOSED REPURPOSED CONCRETE BLOCK PAVING

EXISTING PARKING SPACES

PROPOSED STREET FURNITURE

TREES TO BE RETAINED

TREES REQUIRING REMOVAL DUE TO POOR HEALTH

TREES REQUIRING REMOVAL DUE TO CONSTRUCTION

NEW TREES TO BE PLANTED

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

Client

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Mayo County Council

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Project

BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION

Title

PROPOSED DRAINAGE PLAN & LONGITUDINAL SECTION - MOY - WESTERN PIPELINE - EMMET STREET (02 of 02)

Model File Identifier

N/A

File Identifier

MGW0290-RPS-00-XX-DR-Z-DG0002-84

Created on

26/11/2024

Sheets

15 of 18

Scale

AS STATED @ A1
AS STATED @ A3

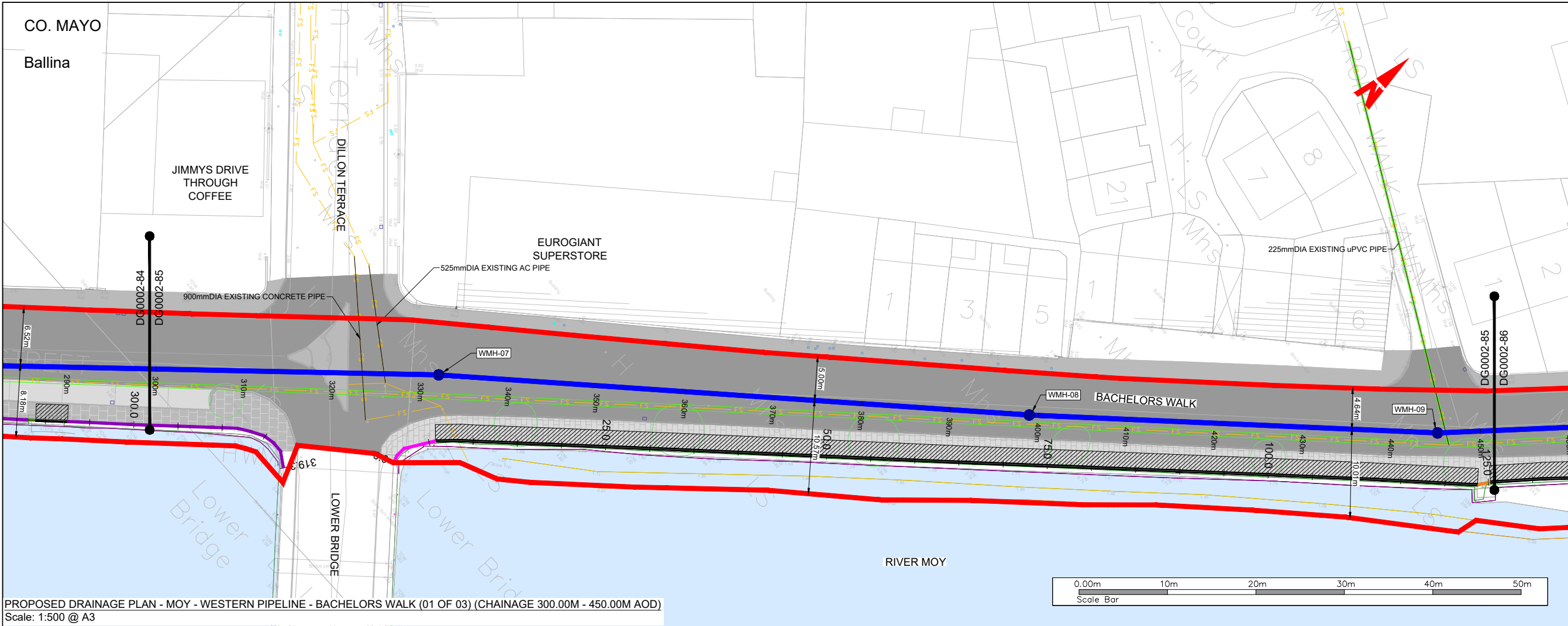
Status

A1

Rev

C01

W:\MGW0290_Mayo Co Co_Ballina FRS6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-C-DG0002-70 Moy Drainage Longitudinal Plans & Sections.dwg



General Notes

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

KEYPLAN

LEGEND:

PROPOSED REDLINE BOUNDARY

EXISTING GROUND LEVEL

EXISTING DRAINAGE NETWORK

PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE

EXISTING WALL TO BE RECONSTRUCTED

FLOOD WALL TO BE RETAINED

PROPOSED FLOODGATE

PROPOSED GLASS WALL

PROPOSED RC FLOOD WALL

PROPOSED TOE OF RC FLOOD WALL

PROPOSED OPEN CHANNEL CLAD IN STONE

PROPOSED RAISED PROMENADE

EXISTING ROAD

PROPOSED NATURAL STONE PAVING

PROPOSED REPURPOSED CONCRETE BLOCK PAVING

EXISTING PARKING SPACES

PROPOSED STREET FURNITURE

TREES TO BE RETAINED

TREES REQUIRING REMOVAL DUE TO POOR HEALTH

TREES REQUIRING REMOVAL DUE TO CONSTRUCTION

NEW TREES TO BE PLANTED

Rev	Date	Drn Cxk	Amendment / Issue	App
A1 C01	07/04/25	JB MA	AUTHORISED & ACCEPTED FOR PLANNING	P/G
P02	27/03/25	JB MA	REVIEW & AUTHORISATION	P/G
S4 P01	20/01/25	JB MA	REVIEW & AUTHORISATION	P/G

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 DRAINAGE PLAN & LONGITUDINAL SECTION - MOY - WESTERN PIPELINE - BACHELORS WALK (01 OF 03)

Model File Identifier

N/A

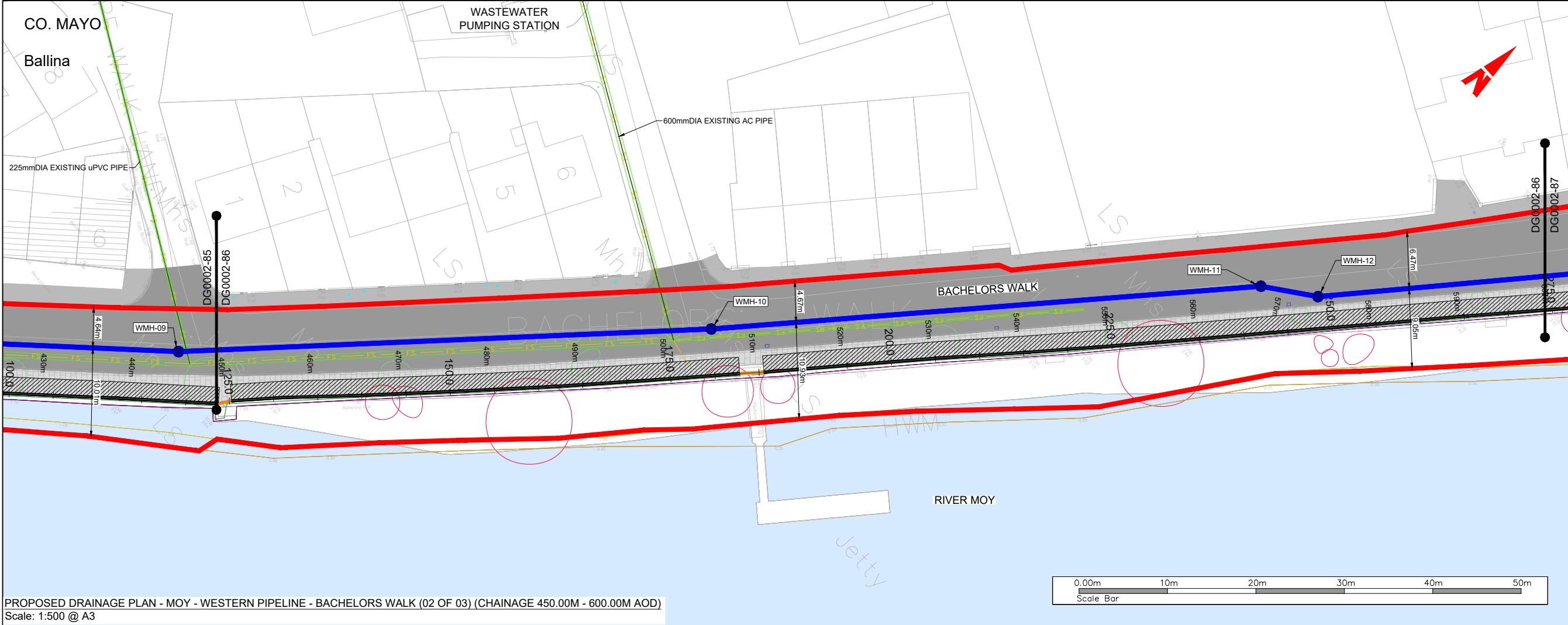
File Identifier

MGW0290-RPS-00-XX-DR-Z-DG0002-85

Created on	Sheets
26/11/2024	16 of 18

Scale	Status	Rev
AS STATED @ A1 AS STATED @ A3	A1	C01

W:\MGW0290_Mayo Co Co_Ballina FRS6.0 Drawings\DG0100 (Planning Application)\MGW0290-RPS-00-XX-DR-Z-DG0002-70 Moy Drainage Longitudinal Plans & Sections.dwg



General Notes

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

LEGEND:

PROPOSED REDLINE BOUNDARY

EXISTING GROUND LEVEL

EXISTING DRAINAGE NETWORK

PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE

EXISTING WALL TO BE RECONSTRUCTED

FLOOD WALL TO BE RETAINED

PROPOSED FLOODGATE

PROPOSED GLASS WALL

PROPOSED RC FLOOD WALL

PROPOSED TOE OF RC FLOOD WALL

PROPOSED OPEN CHANNEL CLAD IN STONE

PROPOSED RAISED PROMENADE

EXISTING ROAD

PROPOSED NATURAL STONE PAVING

PROPOSED REPURPOSED CONCRETE BLOCK PAVING

EXISTING PARKING SPACES

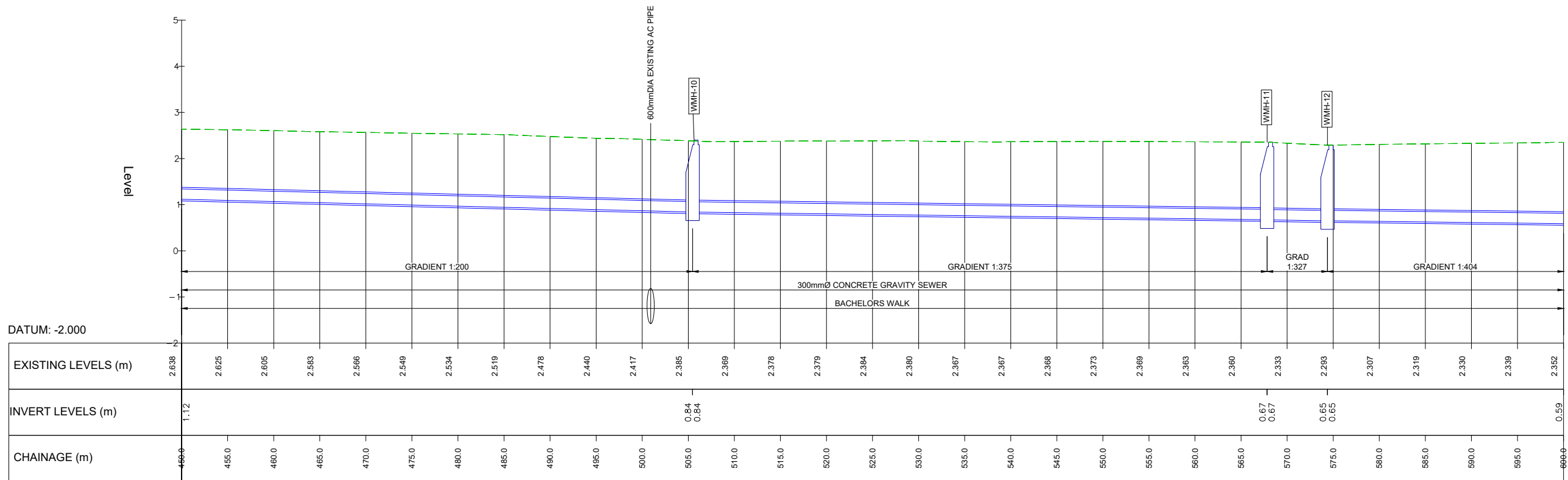
PROPOSED STREET FURNITURE

TREES TO BE RETAINED

TREES REQUIRING REMOVAL DUE TO POOR HEALTH

TREES REQUIRING REMOVAL DUE TO CONSTRUCTION

NEW TREES TO BE PLANTED

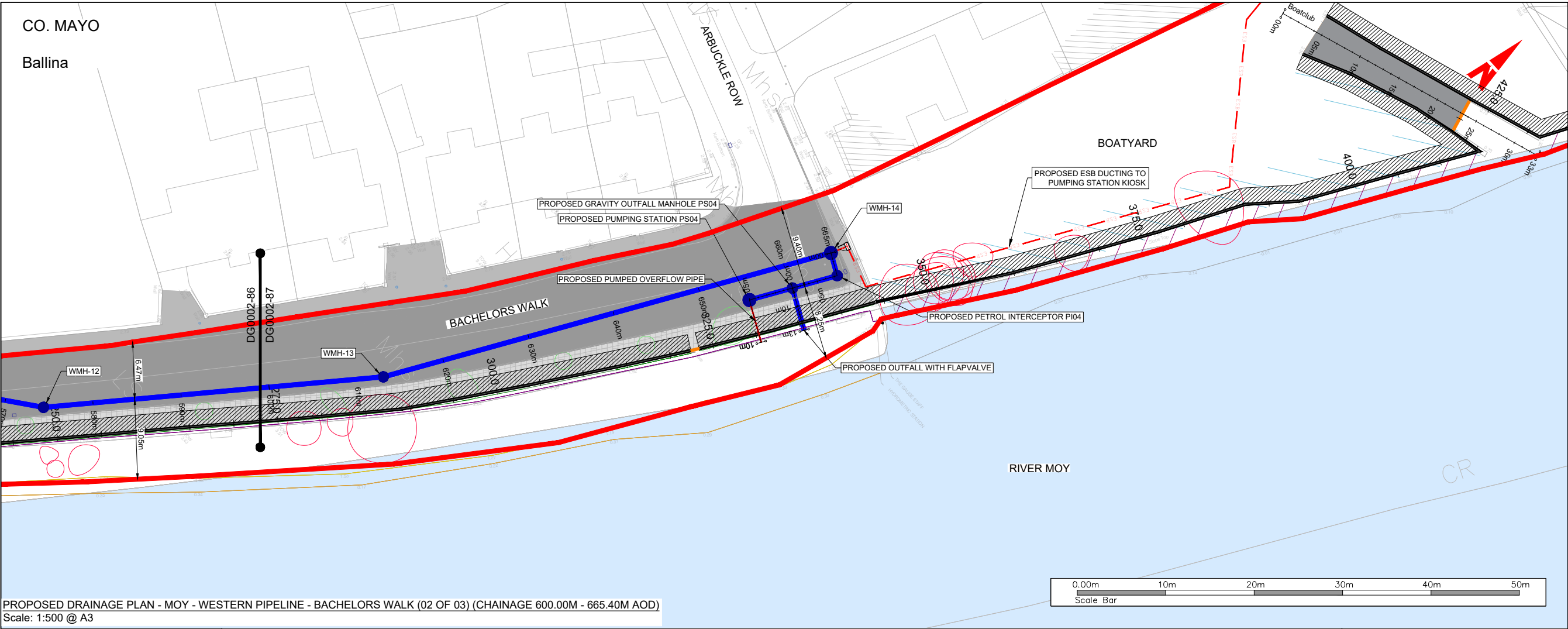


PROPOSED DRAINAGE LONGITUDINAL SECTION - MOY - WESTERN PIPELINE - BACHELORS WALK (02 OF 03) (CHAINAGE 450.00M - 600.00M)

Scale: Horiz. 1:100, Vert. 1:20 @ A1

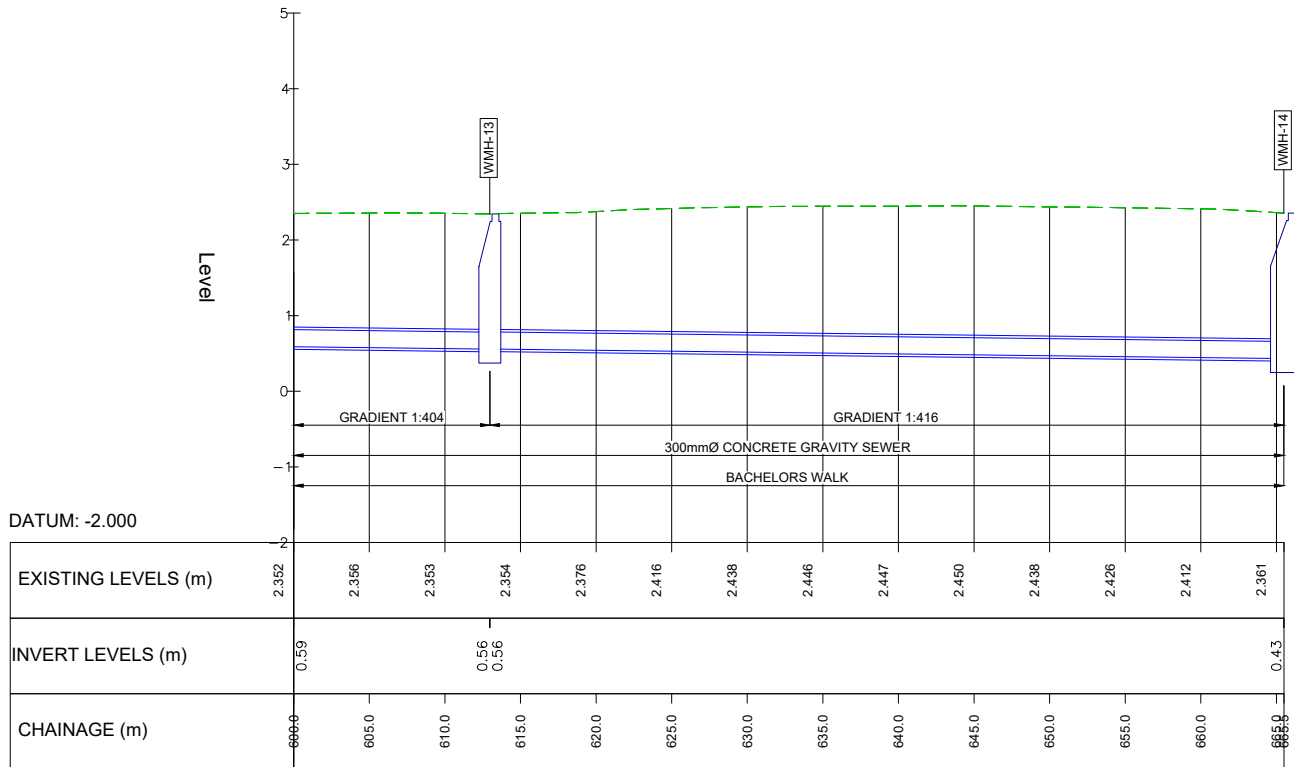
A1	C01	07/04/25	DR	MA	AUTHORISED & ACCEPTED FOR PLANNING	P/G
P/G		27/03/25	DR	MA	REVIEW & AUTHORISATION	P/G
S4	P01	20/01/25	DR	MA	REVIEW & AUTHORISATION	P/G
Rev	Date	Drn	Ck	Amendment / Issue	App	
Client						
 Comhairle Contae Mhaigh Eo Mayo County Council						
 Office of Public Works						
 MAKING COMPLEX EASY Lyrr 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 DRAINAGE PLAN & LONGITUDINAL SECTION - MOY - WESTERN PIPELINE - BACHELORS WALK (02 OF 03)						
Model File Identifier						
N/A						
File Identifier						
MGW0290-RPS-00-XX-DR-Z-DG0002-86						
Created on				Sheets		
26/11/2024				17 of 18		
Scale				Status	Rev	
AS STATED @ A1 AS STATED @ A3				A1	C01	

CO. MAYO
Ballina

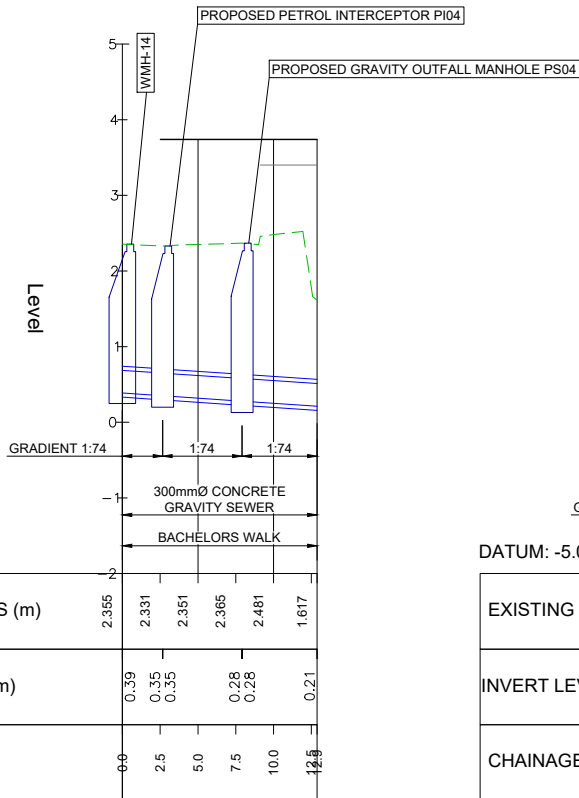


PROPOSED DRAINAGE PLAN - MOY - WESTERN PIPELINE - BACHELORS WALK (02 OF 03) (CHAINAGE 600.00M - 665.40M AOD)
Scale: 1:500 @ A3

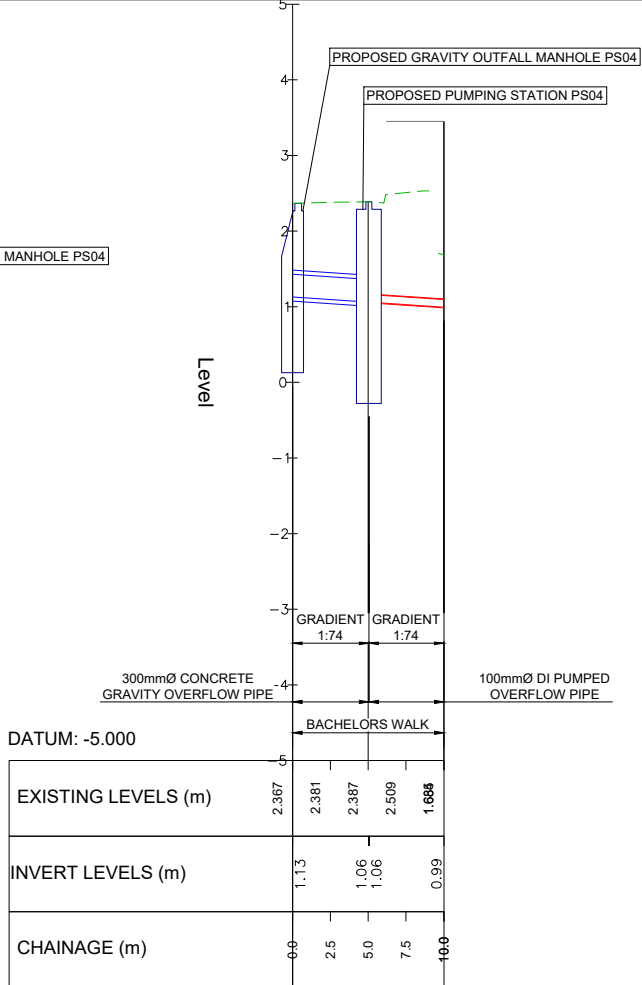
- FOR LOCATION PLANS, REFER TO DG0002-00 SERIES
- FOR LAYOUT PLANS, REFER TO DG0002-10 SERIES
- FOR PROPOSED FLOOD DEFENCE PLAN & LONGITUDINAL SECTIONS, REFER TO DG0002-30 SERIES
- FOR PROPOSED FLOOD DEFENCE CROSS SECTIONS, REFER TO DG0002-50 SERIES



PROPOSED DRAINAGE LONGITUDINAL SECTION - MOY - WESTERN PIPELINE - BACHELORS WALK (03 OF 03) (CHAINAGE 600.00M - 665.40M)
Scale: Horiz. 1:100, Vert. 1:20 @ A1

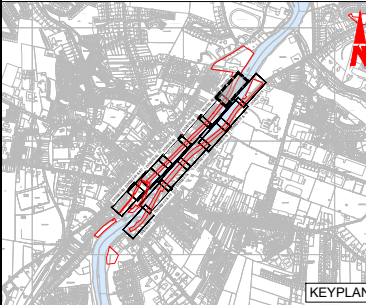


PROPOSED GRAVITY OUTFALL PS04 - BACHELORS WALK (01 OF 01)
Scale: Horiz. 1:100, Vert. 1:20 @ A1



PROPOSED PUMPED OVERFLOW PS04 - BACHELORS WALK (01 OF 01)
Scale: Horiz. 1:100, Vert. 1:20 @ A1

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



- LEGEND:
- PROPOSED REDLINE BOUNDARY
 - EXISTING GROUND LEVEL
 - EXISTING DRAINAGE NETWORK
 - PROPOSED 300mmØ SURFACE WATER DRAINAGE PIPE
 - EXISTING WALL TO BE RECONSTRUCTED
 - FLOOD WALL TO BE RETAINED
 - PROPOSED FLOODGATE
 - PROPOSED GLASS WALL
 - PROPOSED RC FLOOD WALL
 - PROPOSED TOE OF RC FLOOD WALL
 - PROPOSED OPEN CHANNEL CLAD IN STONE
 - PROPOSED RAISED PROMENADE
 - EXISTING ROAD
 - PROPOSED NATURAL STONE PAVING
 - PROPOSED REPURPOSED CONCRETE BLOCK PAVING
 - EXISTING PARKING SPACES
 - PROPOSED STREET FURNITURE
 - TREES TO BE RETAINED
 - TREES REQUIRING REMOVAL DUE TO POOR HEALTH
 - TREES REQUIRING REMOVAL DUE TO CONSTRUCTION
 - NEW TREES TO BE PLANTED

Rev	Date	Drawn By	Check By	Amendment / Issue	App
A1	C01	07/04/25	JR	AUTHORISED & ACCEPTED FOR PLANNING	RJS
P02		27/03/25	JR	REVIEW & AUTHORISATION	RJS
S4	P01	20/01/25	JR	REVIEW & AUTHORISATION	RJS

Client
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Mayo County Council



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Project
**BALLINA FLOOD RELIEF SCHEME
PLANNING APPLICATION**

Title
**PROPOSED DRAINAGE PLAN &
LONGITUDINAL SECTION - MOY - WESTERN
PIPELINE - BACHELORS WALK (03 OF 03) & PS4**

Model File Identifier
N/A

File Identifier
MGW0290-RPS-00-XX-DR-Z-DG0002-87

Created on 26/11/2024	Sheets 18 of 18	
Scale AS STATED @ A1	Status	Rev