



Glashaboy River

(Glanmire/Sallybrook) Drainage Scheme



Volume
2
(Appendices)

Environmental Impact Assessment Report

May 2018

Preface

This Environmental Impact Assessment Report (EIAR) for the proposed Glashaboy River (Glanmire/Sallybrook) Drainage Scheme consists of two volumes plus a Non-Technical Summary. A Natura Impact Statement is also provided:

Non-Technical Summary

Volume 1 – EIAR (Main Text)

Volume 2 – Appendices

Volume 3 – Natura Impact Statement

This EIAR is an Environmental Impact Statement (EIS) for the purposes of current Irish legislation.

Throughout this document, where reference is made to ‘environmental impact statement’, or ‘EIS’, it should also be understood to mean ‘EIA Report’, or ‘EIAR’. Likewise, where reference is made to ‘EIA Report’ or ‘EIAR’, it should be understood to mean ‘environmental impact statement’ or ‘EIS’.

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Appendix 3.1

Confirmation Drawings

Office of Public Works & Cork County Council

Arterial Drainage Acts, 1945 and 1995

Glashaboy River (Glanmire/Sallybrook) Drainage Scheme

Confirmation Drawings

24/05/2018

J.CURTIN
DIRECTOR OF FLOOD RISK MANAGEMENT

CONFIRMATION COPY

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Office of Public Works Cork County Council

Arterial Drainage Acts, 1945 and 1995

Glashaboy River (Glanmire/Sallybrook) Drainage Scheme

Confirmation Drawings

Drawing Number	Drawing Name
Series 1	
GR_101	Cover Sheet
GR_102	Index Sheet
GR_103	Channel Codes Drawing
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Drawing Number	Drawing Name
Series 3	
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GR_302	Proposed Flood Defences - Proposed Sections (Sheet 2 of 8)
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GR_304	Proposed Flood Defences - Proposed Sections (Sheet 4 of 8)
GR_305	Proposed Flood Defences - Proposed Sections (Sheet 5 of 8)
GR_306	Proposed Flood Defences - Proposed Sections (Sheet 6 of 8)
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Series 5	
GR_501	Proposed Access Routes and Works Area (Sheet 1 of 3)
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GR_503	Proposed Access Routes and Works Area (Sheet 3 of 3)

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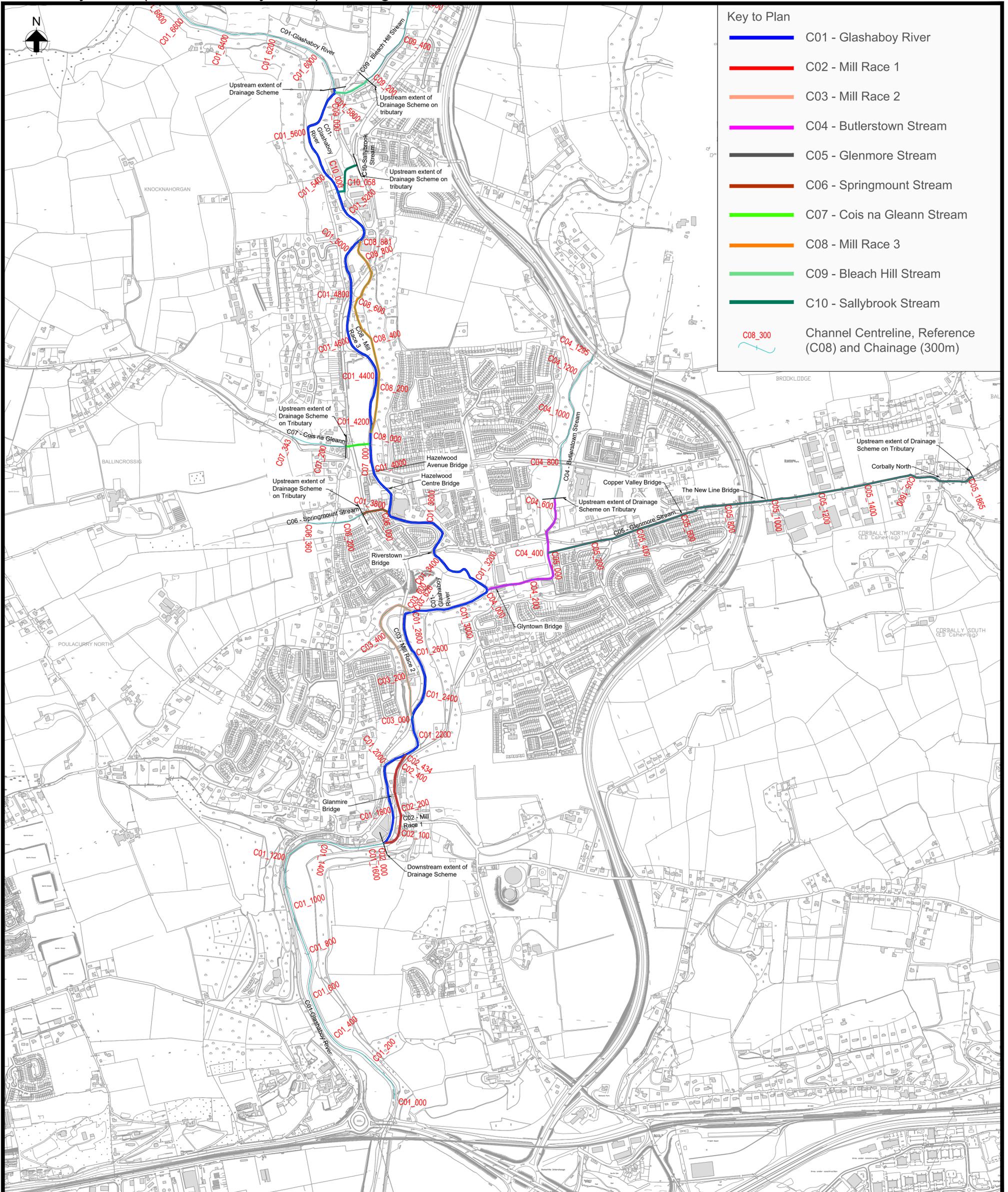
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Key to Plan

	C01 - Glashaboy River
	C02 - Mill Race 1
	C03 - Mill Race 2
	C04 - Butlerstown Stream
	C05 - Glenmore Stream
	C06 - Springmount Stream
	C07 - Cois na Gleann Stream
	C08 - Mill Race 3
	C09 - Bleach Hill Stream
	C10 - Sallybrook Stream
	Channel Centreline, Reference (C08) and Chainage (300m)

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 Location Plan

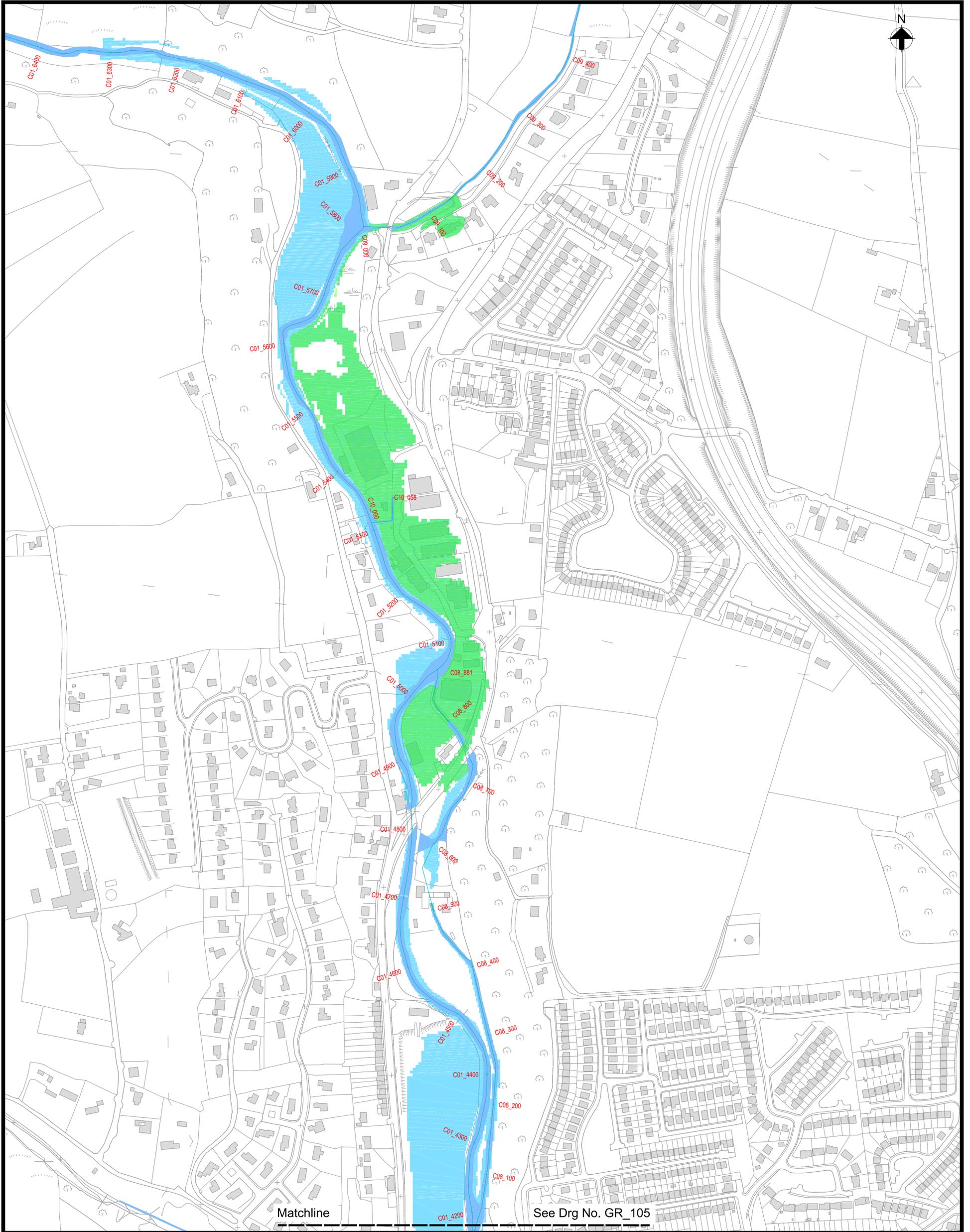


Scale 1:7,500 at A1
 Scale 1:15,000 at A3

- Notes:
1. Do not scale from drawing.
 2. The channels on this drawing have been assigned colours and codes for the purpose of assigning identification labels and interference references.
 3. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.

Drg. No. GR_103 Channel Codes

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Location Plan

Key to Plan

- Benefiting Lands
- 1 in 100yr Fluvial / 1 in 200yr Tidal Flood Extents
- Watercourse
- Channel Centreline, Reference (C06) and Chainage (300m)



Scale 1:2,500 at A1
Scale 1:5,000 at A3

- Notes:
1. Do not scale from drawing.
 2. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.

Drg. No. GR_104 Existing Flood Extents and Proposed Flood Benefit Area (Sheet 1 of 3)

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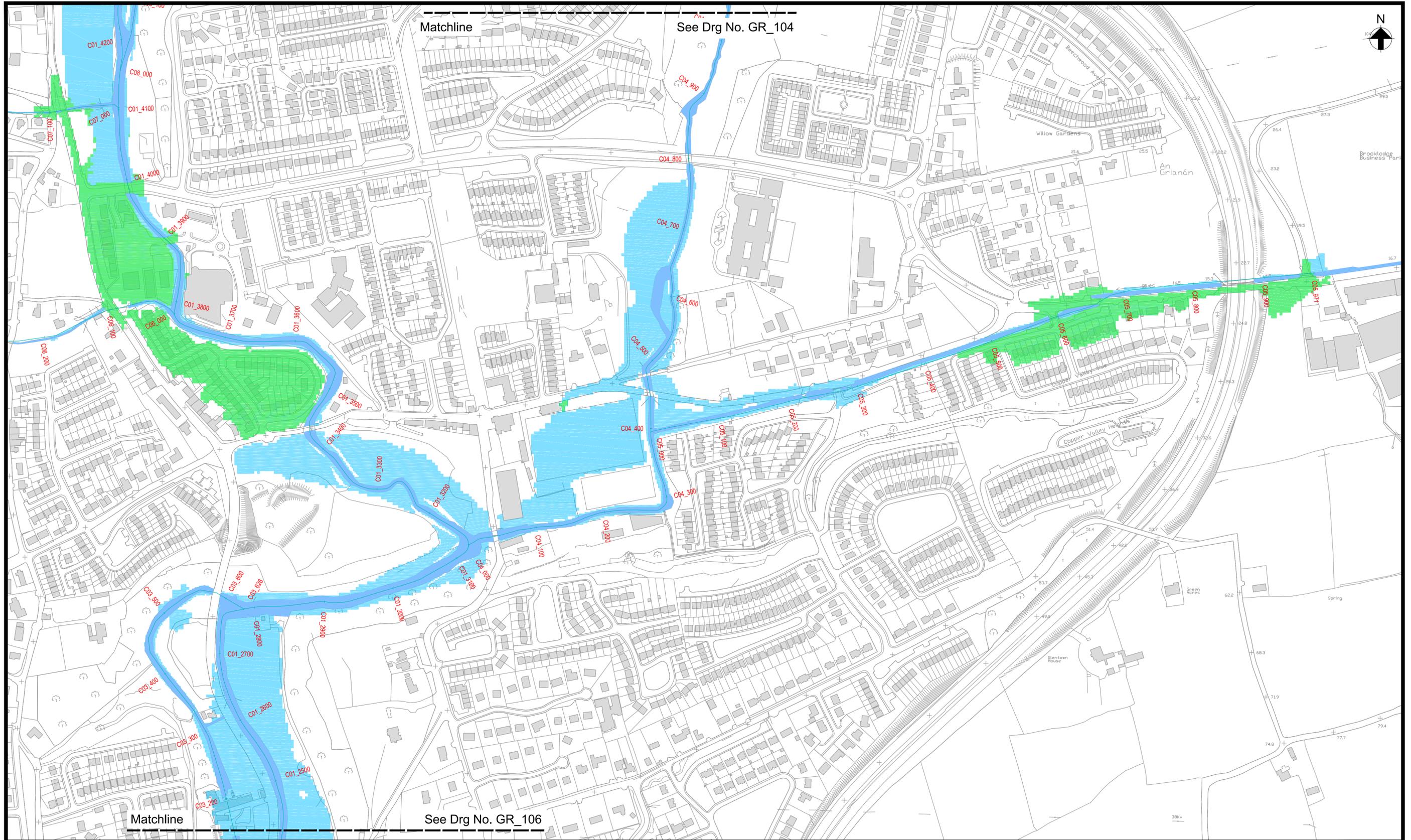
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Location Plan



Scale 1:2,500 at A1

Scale 1:5,000 at A3

Key to Plan

Benefiting Lands Channel Centreline, Reference (C06) and Chainage (300m)

1 in 100yr Fluvial / 1 in 200yr Tidal Flood Extents

Watercourse

Notes:
 1. Do not scale from drawing.
 2. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.

Drg. No. GR_105 Existing Flood Extents and Proposed Flood Benefit Area (Sheet 2 of 3)

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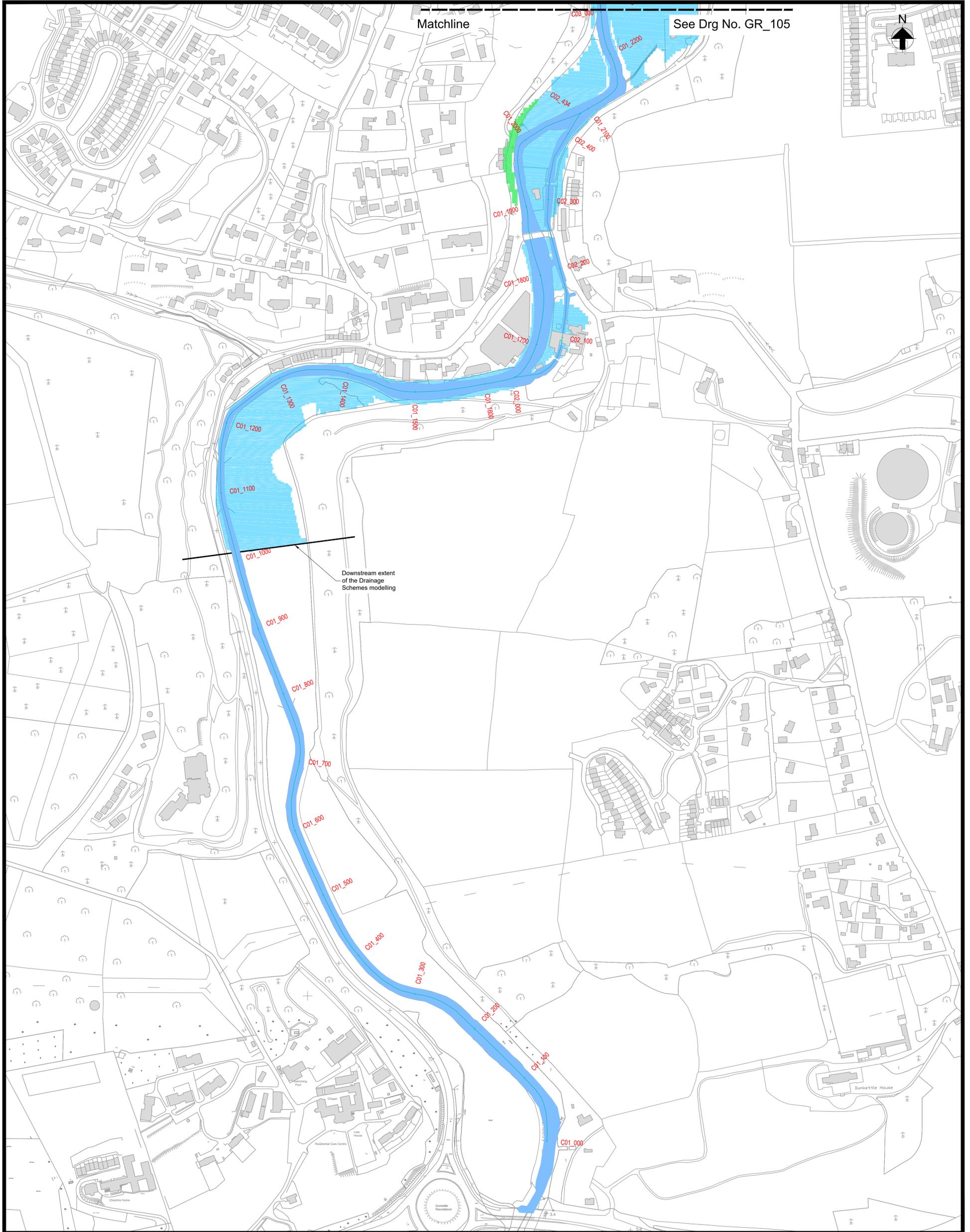
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Location Plan

Key to Plan

Benefiting Lands Channel Centreline, Reference (C06) and Chainage (300m)

1 in 100yr Fluvial / 1 in 200yr Tidal Flood Extents

Watercourse

- Notes:
1. Do not scale from drawing.
 2. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.



Scale 1:2,500 at A1
Scale 1:5,000 at A3

Drg. No. GR_106 Existing Flood Extents and Proposed Flood Benefit Area (Sheet 3 of 3)

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Proposed Flood Defences - Restrictions

Proposed Flood Defence	Restrictions
Flood Defence Embankments	<p>Flood defence embankments shall not be tilled or planted with any vegetation other than grass.</p> <p>Permanent access to be provided for maintenance and inspection of the flood defence embankments - refer to proposed access and work area drawings GR_501, GR_502 and GR_503.</p> <p>Flood defence embankments to be regularly maintained through frequent grass cutting (approximately four times per year).</p> <p>Non-authorized vehicular or pedestrian access on flood defence embankments shall not be permitted.</p> <p>Flood defence embankments shall not be grazed by livestock other than sheep due to the potential risk of rutting or causing damage to the embankments.</p> <p>No works shall be permitted in close proximity to flood defence embankments without approval from the Office of Public Works (OPW).</p>
Flood Defence Walls	<p>Permanent access to be provided for maintenance and inspection of flood defence walls - refer to proposed access and work area drawings GR_501, GR_502 and GR_503.</p> <p>No works shall be carried out to flood defence walls or in close proximity to flood defence walls without approval from the Office of Public Works (OPW).</p> <p>No excavation of material close to flood defence walls shall be permitted without the approval of the Office of Public Works (OPW).</p>
Pumping Stations	<p>Permanent access to be provided for maintenance and inspection of pumping stations - refer to proposed access and work area drawings GR_501, GR_502 and GR_503.</p> <p>No works shall be carried out near pumping stations or in close proximity to the pumping stations without approval from the Office of Public Works (OPW)</p> <p>No local connections or drains shall be connected to a pumping station without approval from the Office of Public Works (OPW).</p> <p>No vegetation, material or detritus shall be disposed of within the channel, as this may increase the risk of blockage at pumping stations.</p>
Bridges	<p>Permanent access to be provided for maintenance and inspection of bridges - refer to proposed access and work area drawings GR_501, GR_502 and GR_503.</p> <p>No works shall be carried out to bridges or in close proximity to bridges without approval from the Office of Public Works (OPW).</p> <p>No vegetation, material or detritus shall be disposed of within the channel, as this may increase the risk of blockage at bridges.</p>
Culverts	<p>No local connections or drains shall be connected to culverts without approval from the Office of Public Works (OPW).</p> <p>No works shall be carried out to culverts or in close proximity to culverts without approval from the Office of Public Works (OPW).</p> <p>No vegetation, material or detritus shall be disposed of within the channel, as this may increase the risk of blockage within culverts.</p>
Sluice	<p>Permanent access to be provided for maintenance and inspection of the penstock - refer to proposed access and work area drawings GR_501.</p> <p>No works shall be carried out to the penstock or in close proximity to the penstock without approval from the Office of Public Works (OPW).</p>
Regraded Ground	<p>No works shall be carried out to regraded ground, such as road resurfacing, without approval of the Office of Public Works (OPW).</p>
Channels	<p>Permanent access to be provided for maintenance and inspection of channels - refer to proposed access and work area drawings GR_501, GR_502 and GR_503.</p>



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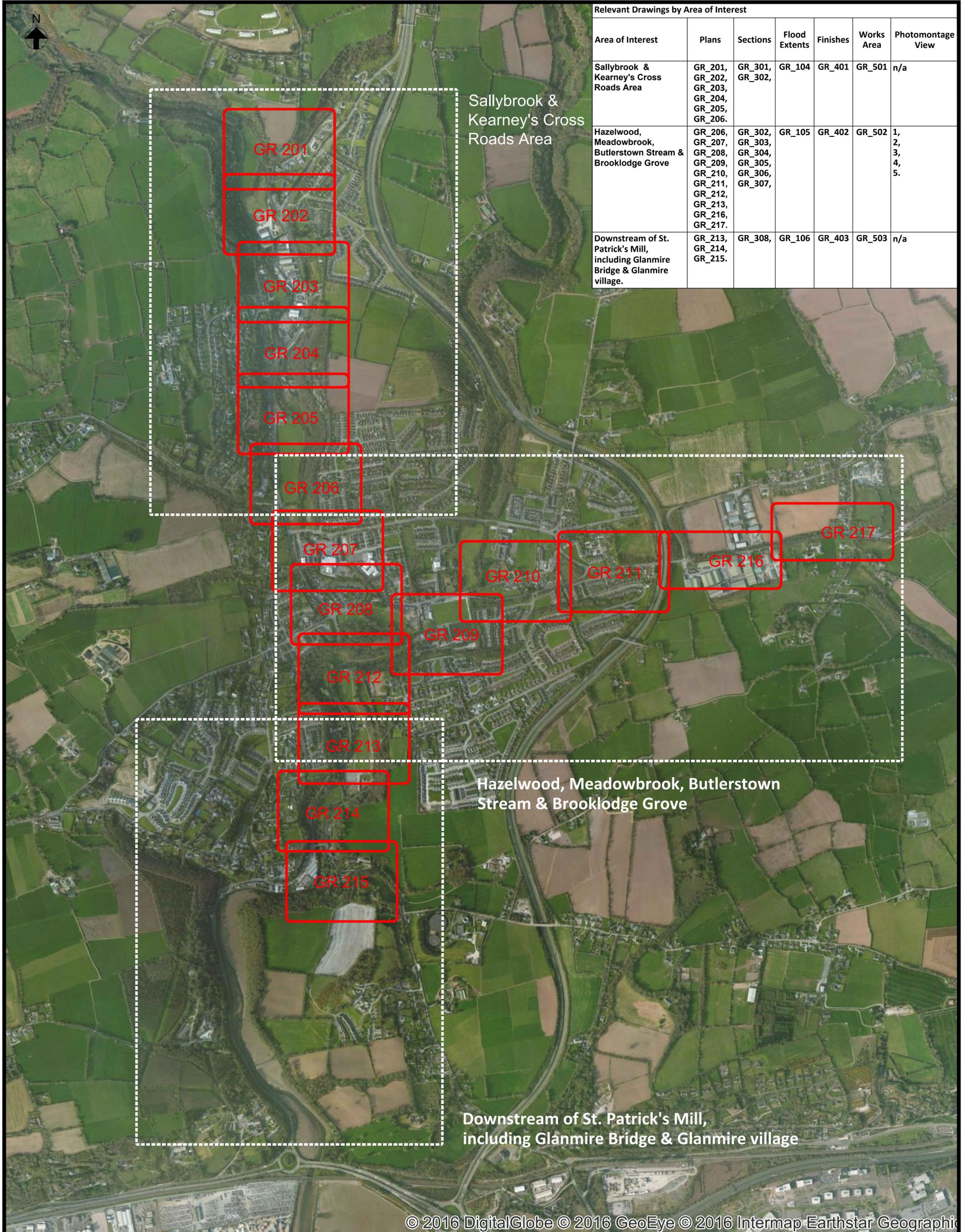
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Relevant Drawings by Area of Interest						
Area of Interest	Plans	Sections	Flood Extents	Finishes	Works Area	Photomontage View
Sallybrook & Kearney's Cross Roads Area	GR_201, GR_202, GR_203, GR_204, GR_205, GR_206.	GR_301, GR_302,	GR_104	GR_401	GR_501	n/a
Hazelwood, Meadowbrook, Butlerstown Stream & Brooklodge Grove	GR_206, GR_207, GR_208, GR_209, GR_210, GR_211, GR_212, GR_213, GR_216, GR_217.	GR_302, GR_303, GR_304, GR_305, GR_306, GR_307,	GR_105	GR_402	GR_502	1, 2, 3, 4, 5.
Downstream of St. Patrick's Mill, including Glanmire Bridge & Glanmire village.	GR_213, GR_214, GR_215.	GR_308,	GR_106	GR_403	GR_503	n/a

Location Plan



Scale 1:2,500 at A1
Scale 1:5,000 at A3

Drg. No. GR_108 Overview of Drawings

- Notes:
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 2. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.



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