

Office of Public Works & Cork County Council

Arterial Drainage Acts, 1945 and 1995

Glashaboy River (Glanmire/Sallybrook) Drainage Scheme

Exhibition Drawings

21 /11/ 2016

V.CAMPBELL

DIRECTOR OF ENGINEERING SERVICES (ACTING)

EXHIBITION COPY

ARUP

Ove Arup & Partners Ireland Ltd.,
One Albert Quay,
Cork, Ireland.
Tel +353 (0) 21 4277670
Fax +353 (0) 21 4272345



24 Grove Island,
Corbally,
Co Limerick,
Ireland.
Tel + 353 (0) 61 345463
Fax + 353 (0) 61 280146



Cork County Council Headquarters,
County Hall,
Carrigrohane Road,
Cork, Ireland.
Tel: + 00 353 (0) 21 4276891
Fax: + 00 353 (0) 21 4276321



51 St. Stephen's Green,
Dublin 2,
Ireland.
Tel +353 (0) 1 647 6000
Fax +353 (0) 1 661 0747

Office of Public Works
Cork County Council

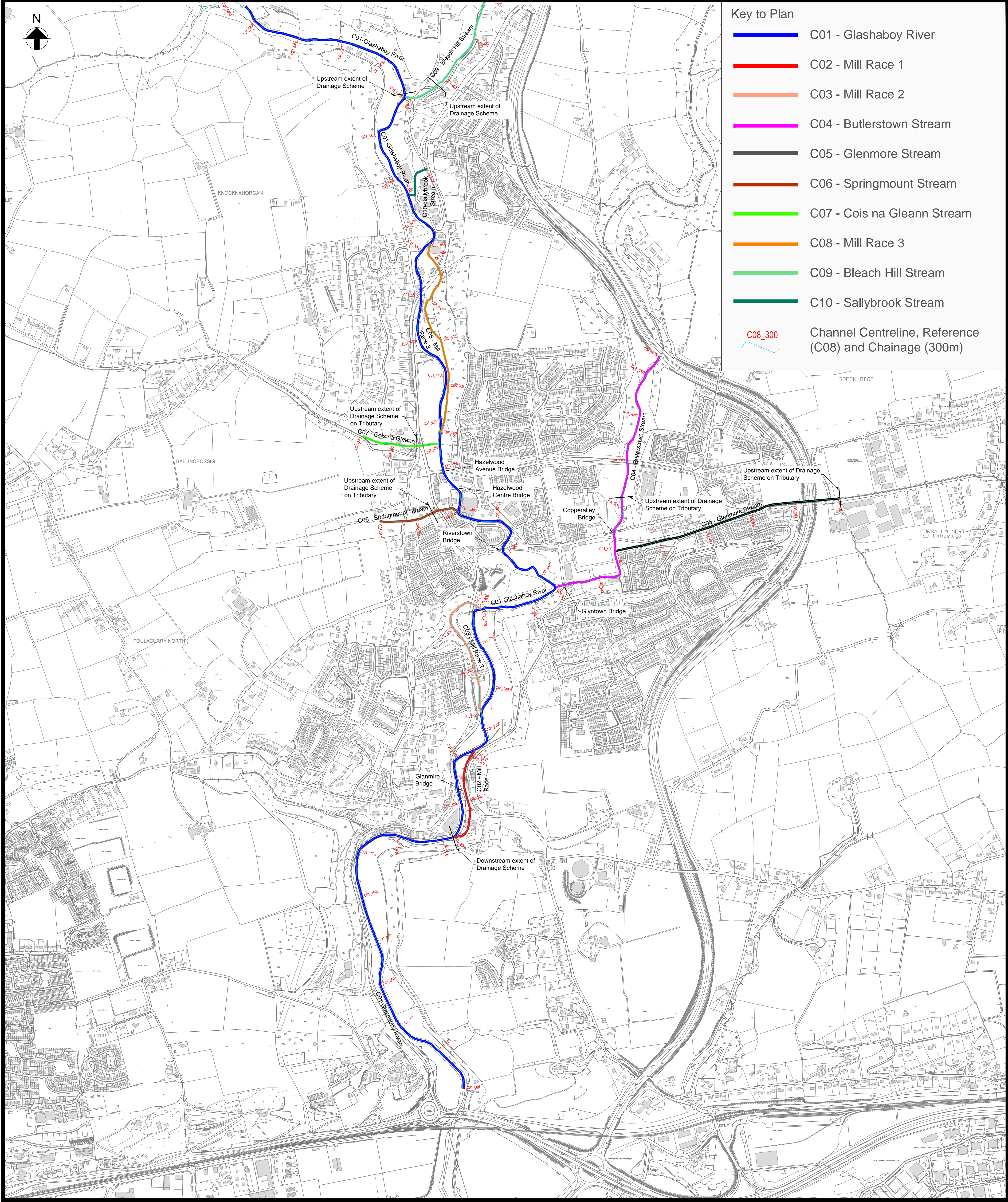
Arterial Drainage Acts, 1945 and 1995

Glashaboy River (Glanmire/Sallybrook) Drainage Scheme

Exhibition Drawings

Drawing Number	Drawing Name
Series 1	
GR_101	Cover Sheet
GR_102	Index Sheet
GR_103	Channel Codes Drawing
GR_104	Existing Flood Extents and Proposed Flood Benefit Area (Sheet 1 of 3)
GR_105	Existing Flood Extents and Proposed Flood Benefit Area (Sheet 2 of 3)
GR_106	Existing Flood Extents and Proposed Flood Benefit Area (Sheet 3 of 3)
GR_107	Proposed Flood Defence - Restrictions
GR_108	Overview of Drawings
Series 2	
GR_201	Proposed Flood Defences - Plan Layout (Sheet 1 of 16)
GR_202	Proposed Flood Defences - Plan Layout (Sheet 2 of 16)
GR_203	Proposed Flood Defences - Plan Layout (Sheet 3 of 16)
GR_204	Proposed Flood Defences - Plan Layout (Sheet 4 of 16)
GR_205	Proposed Flood Defences - Plan Layout (Sheet 5 of 16)
GR_206	Proposed Flood Defences - Plan Layout (Sheet 6 of 16)
GR_207	Proposed Flood Defences - Plan Layout (Sheet 7 of 16)
GR_208	Proposed Flood Defences - Plan Layout (Sheet 8 of 16)
GR_209	Proposed Flood Defences - Plan Layout (Sheet 9 of 16)
GR_210	Proposed Flood Defences - Plan Layout (Sheet 10 of 16)
GR_211	Proposed Flood Defences - Plan Layout (Sheet 11 of 16)
GR_212	Proposed Flood Defences - Plan Layout (Sheet 12 of 16)
GR_213	Proposed Flood Defences - Plan Layout (Sheet 13 of 16)
GR_214	Proposed Flood Defences - Plan Layout (Sheet 14 of 16)
GR_215	Proposed Flood Defences - Plan Layout (Sheet 15 of 16)
GR_216	Proposed Flood Defences - Plan Layout (Sheet 16 of 16)

Drawing Number	Drawing Name
Series 3	
GR_301	Proposed Flood Defences - Proposed Sections (Sheet 1 of 8)
GR_302	Proposed Flood Defences - Proposed Sections (Sheet 2 of 8)
GR_303	Proposed Flood Defences - Proposed Sections (Sheet 3 of 8)
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)
GR_307	Proposed Flood Defences - Proposed Sections (Sheet 7 of 8)
GR_308	Proposed Flood Defences - Proposed Sections (Sheet 8 of 8)
Series 4	
GR_401	Proposed Flood Defence Works Finishes (Sheet 1 of 3)
GR_402	Proposed Flood Defence Works Finishes (Sheet 2 of 3)
GR_403	Proposed Flood Defence Works Finishes (Sheet 3 of 3)
Series 5	
GR_501	Proposed Access Routes and Works Area (Sheet 1 of 3)
GR_502	Proposed Access Routes and Works Area (Sheet 2 of 3)
GR_503	Proposed Access Routes and Works Area (Sheet 3 of 3)
Series 6	
GR_601	Proposed Flood Defences - Detailed Layout



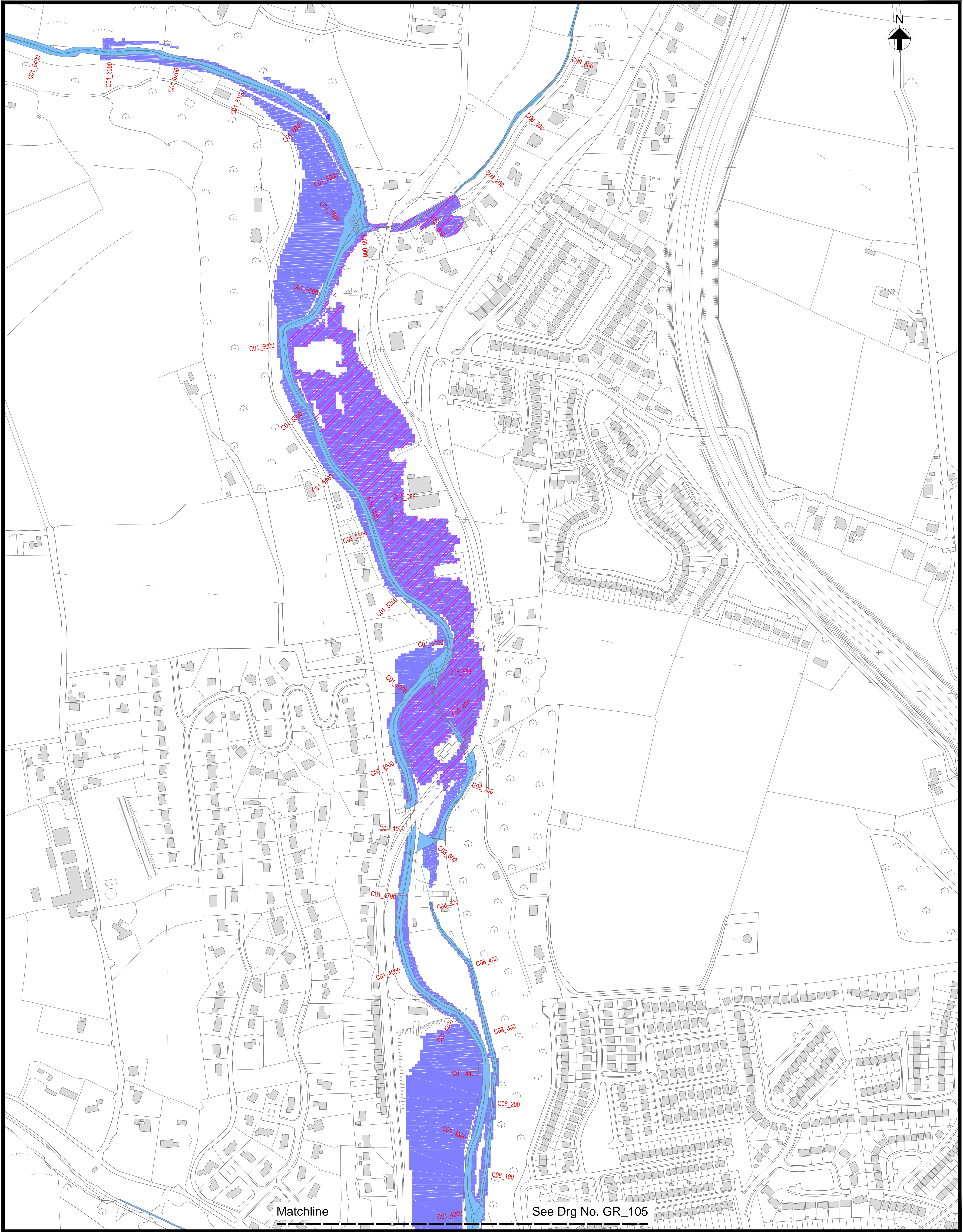
Location Plan

- 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 Exhibition Drawings and Schedules.

25 75
0 50 100 200 Metres

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

Drg. No. GR_103 Channel Codes

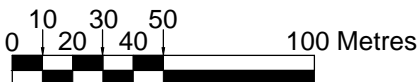


Location Plan

Key to Plan

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

Notes:
1. Do not scale from drawing.
2. Proposed works geometry and extents are subject to detailed design.
3. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Exhibition Drawings and Schedules.



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

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

ARUP

Ove Arup & Partners Ireland Ltd.,
One Albert Quay,
Cork, Ireland.
Tel: +353 (0) 21 4277670
Fax: +353 (0) 21 4272345

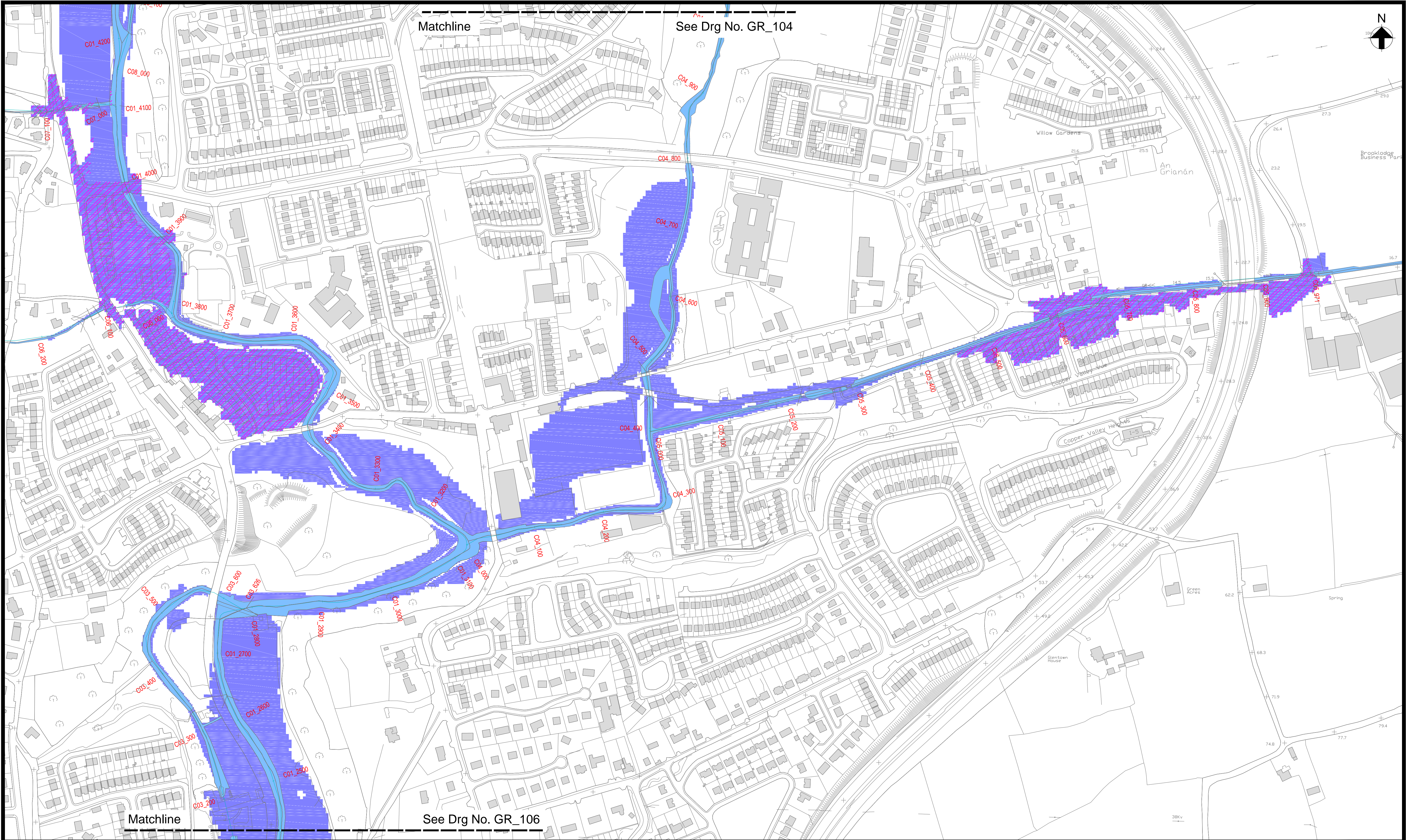
JBA
consulting

24 Grove Island,
Corbally,
Co. Limerick,
Ireland.
Tel: +353 (0) 61 345463
Fax: +353 (0) 61 280146

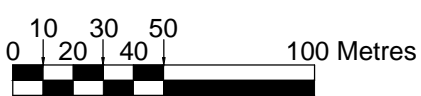
Cork County Council Headquarters,
County Hall,
Carrigrohane Road,
Cork, Ireland.
Tel: +00 353 (0) 21 4276891
Fax: +00 353 (0) 21 4276321

OPW
The Office of Public Works

51 St. Stephen's Green,
Dublin 2,
Ireland.
Tel: +353 (0) 1 647 6000
Fax: +353 (0) 1 661 0747



Location Plan



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

Key to Plan

- Benefiting Lands
- 1 in 100yr Fluvial Flood Extents
- Watercourse

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

- Notes:
- Do not scale from drawing.
 - Proposed works geometry and extents are subject to detailed design.
 - This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Exhibition Drawings and Schedules.

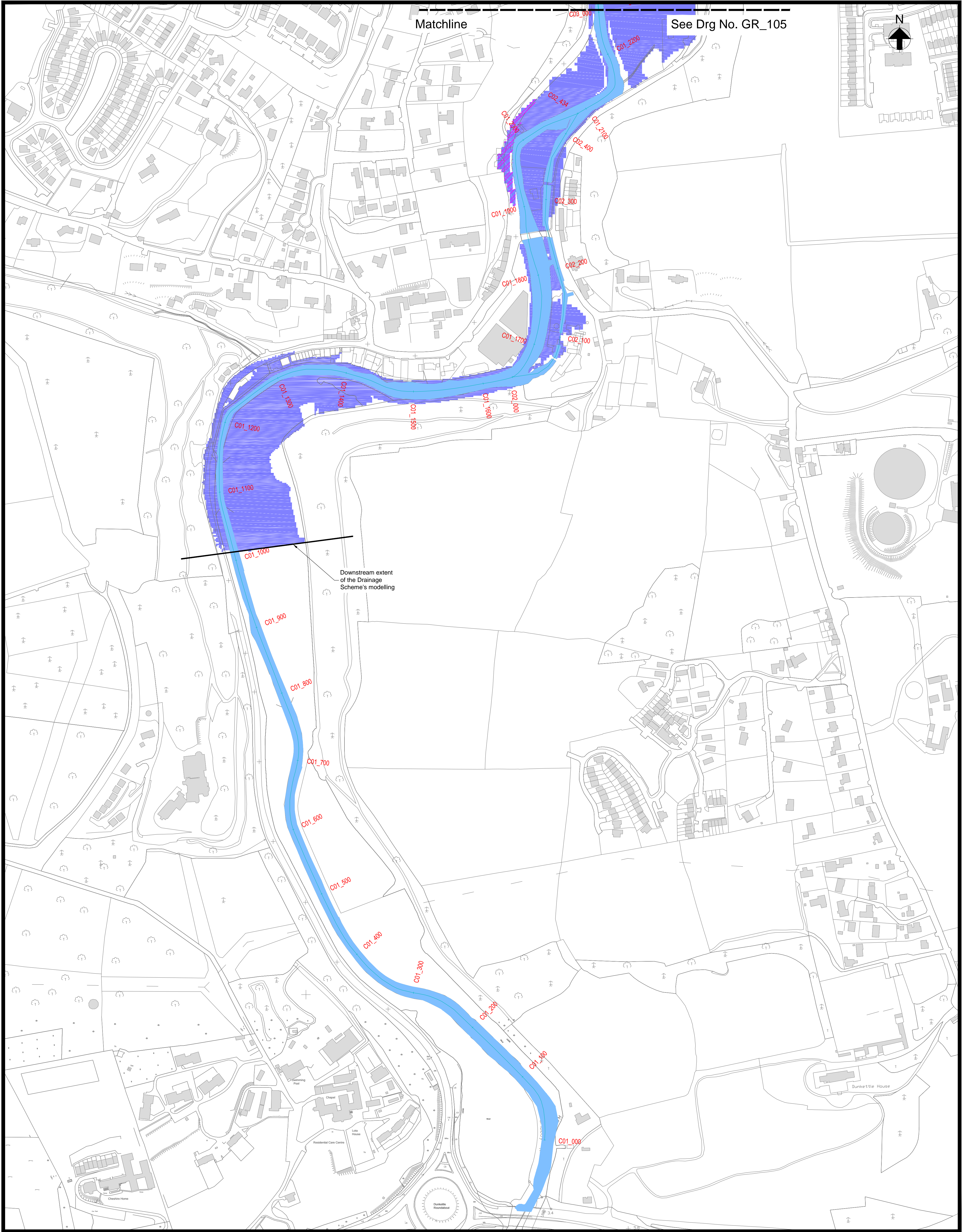
Drg. No. GR_105 Existing Flood Extents and Proposed Flood Benefit Area (Sheet 2 of 3)

ARUP
Ove Arup & Partners Ireland Ltd.,
One Albert Quay,
Cork, Ireland.
Tel: +353 (0) 21 4277670
Fax: +353 (0) 21 427245

JBA
consulting
24 Grove Island,
Corbally,
Co Limerick,
Ireland.
Tel: +353 (0) 61 345463
Fax: +353 (0) 61 280146

Cork County Council
County Hall,
Carrigrohane Road,
Cork, Ireland.
Tel: +353 (0) 21 4276891
Fax: +353 (0) 21 4276321

OPW
51 St. Stephen's Green,
Dublin 2,
Ireland.
Tel: +353 (0) 1 647 6000
Fax: +353 (0) 1 661 0747



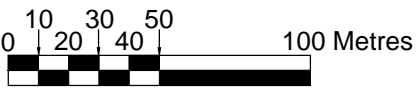
Location Plan

Key to Plan

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

Notes:

- Do not scale from drawing.
- Proposed works geometry and extents are subject to detailed design.
- This drawing should be read in conjunction with all other Glashaboy River Drainage Scheme Exhibition 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)

ARUP

Ove Arup & Partners Ireland Ltd.,
One Albert Quay,
Cork, Ireland.
Tel +353 (0) 21 4277670
Fax +353 (0) 21 4272345

JBA
consulting

24 Grove Island,
Corbally,
Co Limerick,
Ireland.
Tel + 353 (0) 61 345463
Fax + 353 (0) 61 280146

Cork County Council
County Hall,
Carrigrohane Road,
Cork, Ireland.

Tel: + 00 353 (0) 21 4276891
Fax: + 00 353 (0) 21 4276321

OPW
The Office of Public Works

51 St. Stephen's Green,
Dublin 2,
Ireland.
Tel +353 (0) 1 647 6000
Fax +353 (0) 1 661 0747

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-authorised 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>

ARUP

Ove Arup & Partners Ireland Ltd.,
One Albert Quay,
Cork, Ireland.

Tel +353 (0) 21 4277670
Fax +353 (0) 21 4272345



24 Grove Island,
Corkbally,
Co Limerick,
Ireland.

Tel + 353 (0) 61 345463
Fax + 353 (0) 61 280146



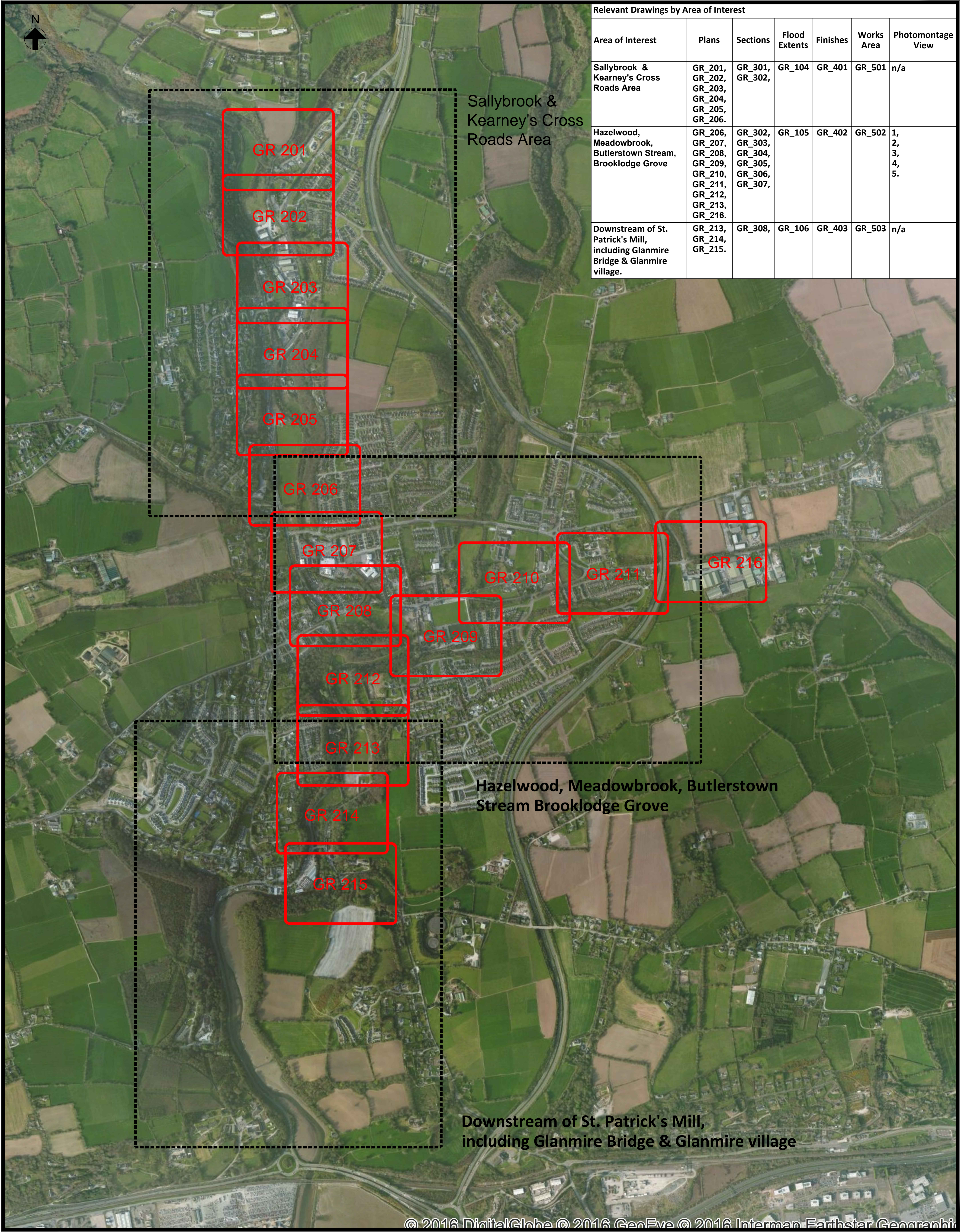
Cork County Council Headquarters,
County Hall,
Carrigrohane Road,
Cork, Ireland.

Tel: + 00 353 (0) 21 4276891
Fax: + 00 353 (0) 21 4276321



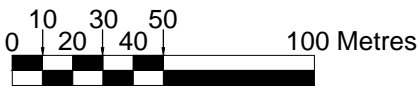
51 St. Stephen's Green,
Dublin 2,
Ireland.

Tel +353 (0) 1 647 6000
Fax +353 (0) 1 661 0747



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_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:
1. Do not scale from drawing.
2. Proposed works geometry and extents are subject to detailed design.
3. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Exhibition Drawings and Schedules.