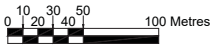


Location Plan

Key to Plan

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

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



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

Drg. No. RB_105 Existing Flood Extents and Proposed
Flood Benefit Area (Sheet 2 of 2)



Ove Arup & Partners Ireland Ltd.
One Albert Quay,
Cork,
Ireland.
Tel +353 (0) 21 4277870
Fax +353 (0) 21 4272345



24 Grove Island,
County Kerry,
Ireland.
Tel +353 (0) 61 345483
Fax +353 (0) 61 280146



Cork City Council,
City Hall, Anglesea Street,
Cork, Ireland.
Tel +353 (0) 21 4966222
Fax +353 (0) 21 4314238



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



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

Proposed Flood Defences - Restrictions

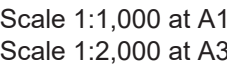
| Proposed Flood Defence | Restrictions |
|---------------------------|--|
| Flood Defence Embankments | <p>Flood defence embankments shall not be tilled or planted with any vegetation other than grass.</p> <p>Permanent access to be provided for maintenance and inspection of the flood defence embankments - refer to proposed access and work area drawings RB_501 and RB_502.</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 RB_501 and RB_502.</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 RB_501 and RB_502.</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 RB_501 and RB_502.</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> |
| Winter Channel | <p>No works shall be carried out to the winter channel or in close proximity to the winter channel without approval from the Office of Public Works (OPW).</p> <p>No vegetation, material or detritus shall be disposed of within the winter channel, as this may reduce the capacity of the channel.</p> |
| Sediment Trap | <p>No works shall be carried out to the sediment trap or in close proximity to the sediment trap 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> |
| Trash Screens | <p>No works shall be carried out to the trash screens or in close proximity to the trashscreens without approval from the Office of Public Works (OPW).</p> |

| Interference Reference | Proposed Works Chainage (m) | Channel Chainage (m) | General Description of Proposed Works |
|------------------------|-----------------------------|----------------------|--|
| C08_E01 | 0 to 62 | - | Proposed flood defence embankment to be constructed typically 5.12m wide and to a height of 1.0m above existing ground levels to flood defence level (43.68mOD). Proposed flood defence embankment to tie into high ground at the upstream end and the proposed flood defence wall at the downstream end. |
| C08_G01 | - | 0 to 1445 | Channel to be maintained over a distance of 1445m from the confluence of the River Glenamought and River Bride (C08-000) to the upstream end of the works (C08-1445). |
| C08_L01 | 0 to 30 | - | Proposed reinforced concrete wall to be constructed to flood defence level (varies from 43.31mOD to 43.61mOD) on the wet side of the existing boundary wall at Collins' House. Flood wall to tie into high ground at the downstream end and proposed flood defence embankment at the upstream end. Finished wall height to be typically 0.56m above existing ground levels. All drainage outfalls to be fitted with non-return valves. |
| C08_L02 | 0 to 21 | - | Proposed reinforced concrete wall to be constructed to flood defence level (varies from 37.4mOD to 38.34mOD) at O'Sheas Buildings. Flood wall to tie into the existing bridge structure at the upstream end, and existing ground level at the downstream end. Finished wall height to be typically 0.8m above existing ground levels. All drainage outfalls to be fitted with non-return valves. |

1. Do not scale from drawing.
2. This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Confirmation Drawings and Schedules.

A detailed topographic map of a region in Ireland, showing towns like Fair Hill, Farranree, and Blackpool. A red rectangle highlights a specific area labeled 'Sheet 1 of 12'. A north arrow points towards the top right, labeled 'Dublin' and 'Pike'. The map includes various features such as roads, rivers, and buildings.

Scale 1:25,000 at A1
Scale 1:50,000 at A3



Watercourse

Channel Centreline, Reference (C08) and Chainage (300m)

Photomontage (Location, Orientation and No.)

Interference Reference.

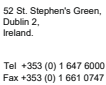
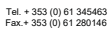
Location and Reference of Cross Section

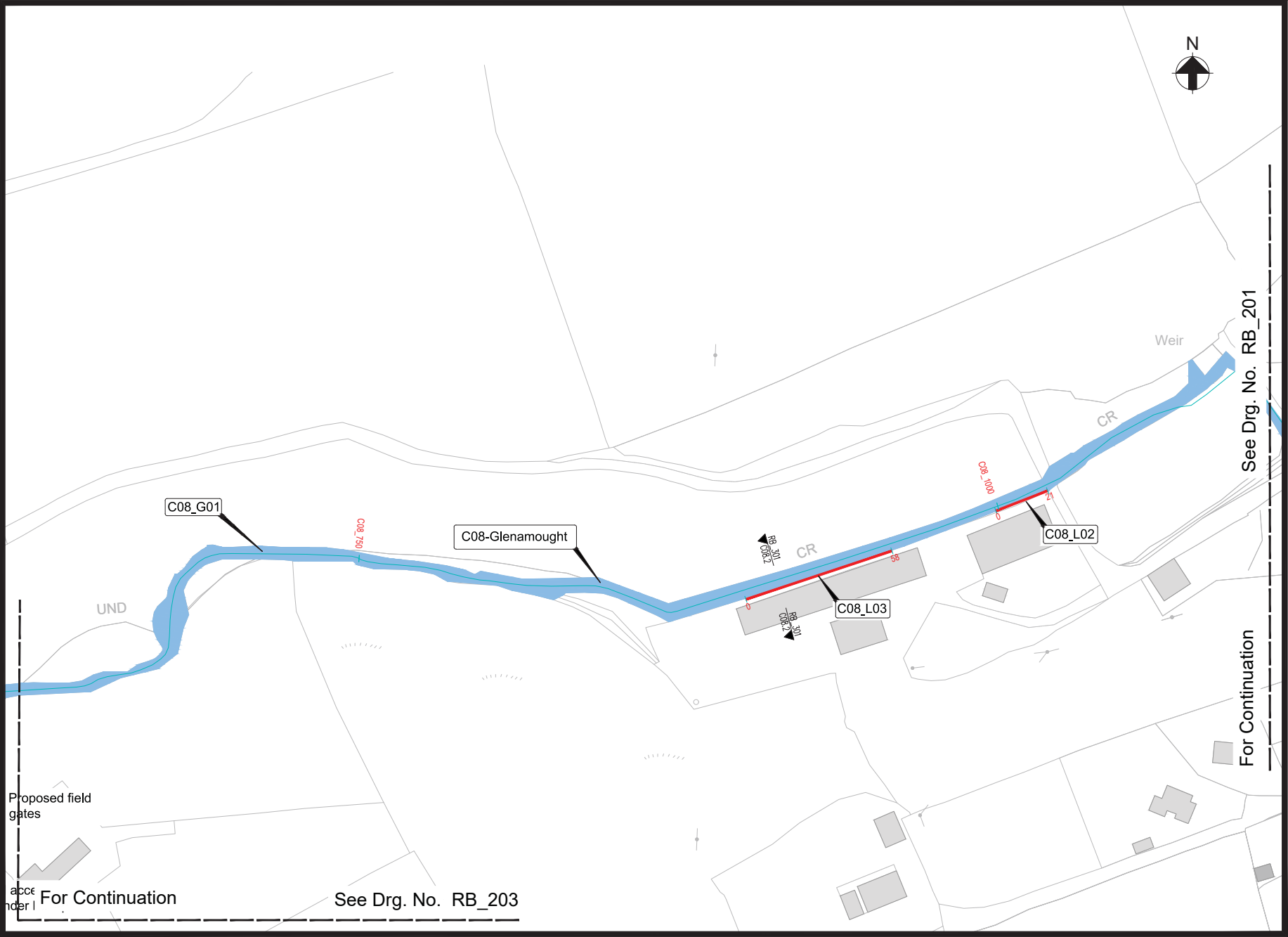
Proposed Works Chainage (m)

Proposed Flood Defence Wall

Proposed Flood Defence Embankment

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



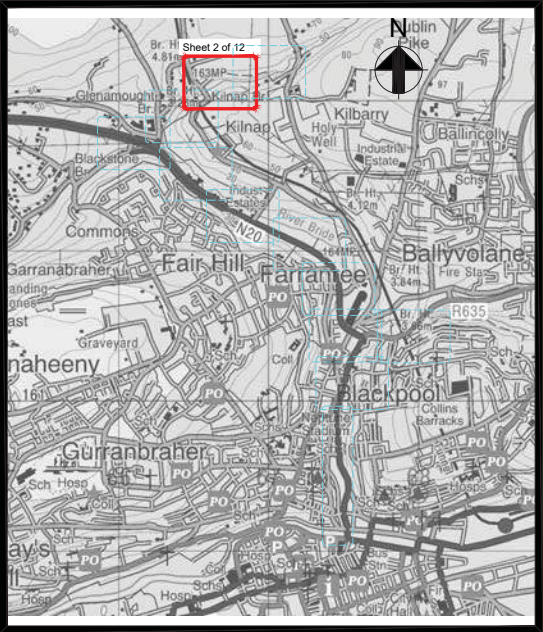


| Interference Reference | Proposed Works Chainage (m) | Channel Chainage (m) | General Description of Proposed Works |
|------------------------|-----------------------------|----------------------|--|
| C08_G01 | - | 0 to 1445 | Channel to be maintained over a distance of 1445m from the confluence of the River Glenamought and River Bride (C08-000) to the upstream end of the works (C08-1445). |
| C08_L02 | 0 to 21 | - | Proposed reinforced concrete wall to be constructed to flood defence level (varies from 37.4mOD to 38.34mOD) at O'Sheas Buildings. Flood wall to tie into the existing bridge structure at the upstream end, and existing ground level at the downstream end. Finished wall height to be typically 0.8m above existing ground levels. All drainage outfalls to be fitted with non-return valves. |
| C08_L03 | 0 to 58 | - | Proposed reinforced concrete wall to be constructed to flood defence level (varies from 35.15mOD to 36.44mOD) at O'Sheas Buildings. Flood wall to tie into existing ground level at both ends. Finished wall height to be typically 0.53m above existing ground levels. All drainage outfalls to be fitted with non-return valves. |

- Notes:
- Do not scale from drawing.
 - This drawing should be read in conjunction with all other River Bride (Blackpool) Certified Drainage Scheme Confirmation Drawings and Schedules.

Location Plan

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



Key to Plan

- Watercourse
- Channel Centreline, Reference (C08) and Chainage (300m)
- Interference Reference.
- Location and Reference of Cross Section
- Proposed Works Chainage (m)
- Proposed Flood Defence Wall

Key Plan

Scale 1:25,000 at A1
Scale 1:50,000 at A3

Drg. No. RB_202 Proposed Flood Defences - Plan Layout (Sheet 2 of 12)