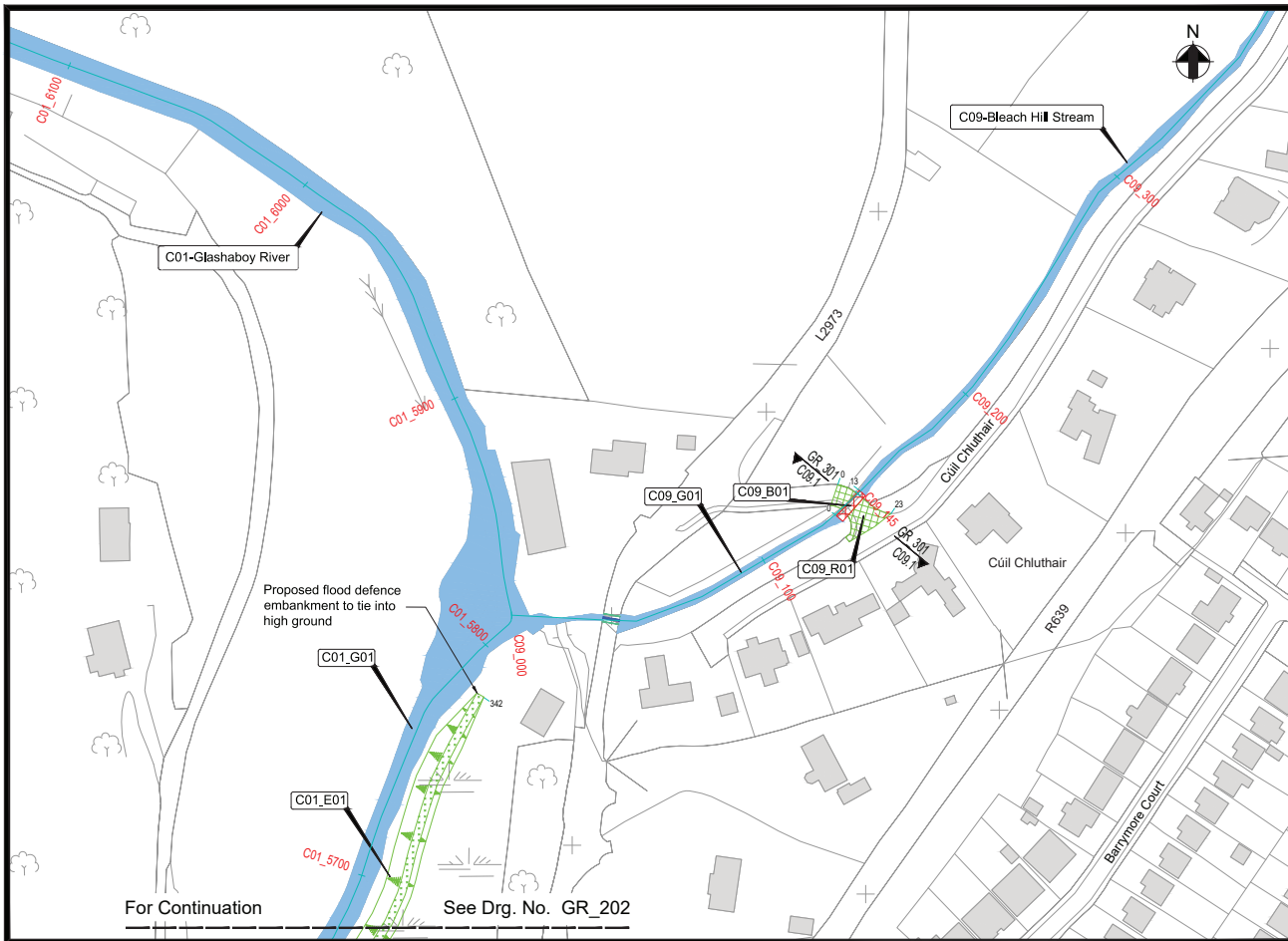


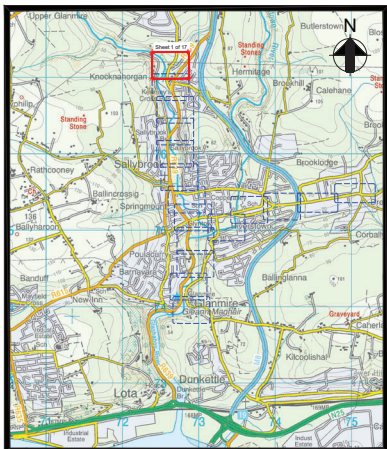
# Glashaboy River (Glanmire/Sallybrook) Drainage Scheme

Issued for Confirmation May 2018

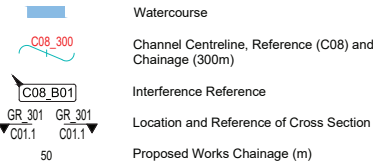






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Scale 1:1,000 at A1  
Scale 1:2,000 at A3



### Key to Plan



	Proposed Flood Defence Embankment
	Proposed Replacement Reinforced Concrete Culvert
	Existing Culvert to be Retained
	Proposed Regrading of Ground Levels

Drg. No. GR\_201 Proposed Flood Defences - Plan Layout (Sheet 1 of 17)

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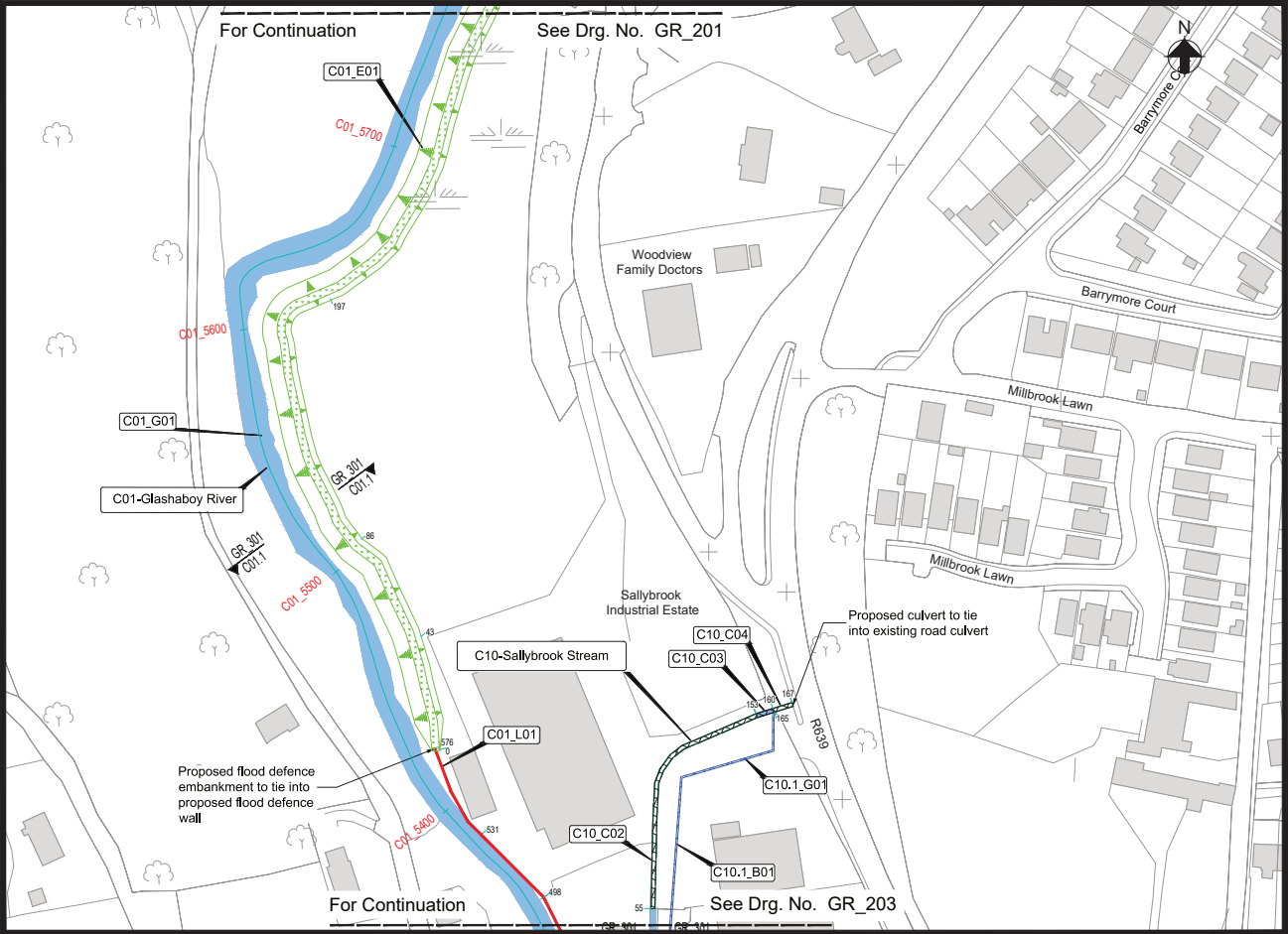
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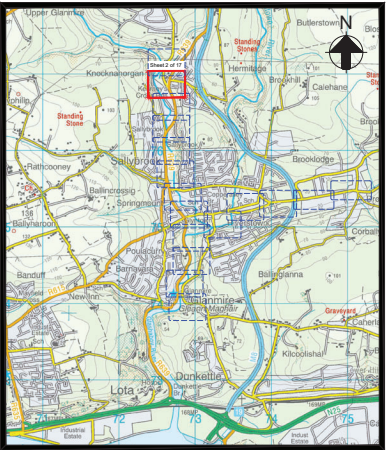
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Location Plan

0 5 10 20 50 Metres

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 Embankment
- Proposed Flood Defence Wall
- Proposed Reinforced Concrete Culvert
- Proposed Channel Works

Interference Reference	Channel Chainage	Proposed Works Chainage (m)	General Description of Proposed Works
C01_G01	1643 to 5815	-	Channel maintenance, as and when necessary over a distance of 4172m from the confluence of the Glashaboy River with Mill Race 1 (C01_1643) to the confluence with Bleach Hill Stream (C01_5815).
C10.1_G01	0 to 165	-	Channel maintenance, as and when necessary over a distance of 165m from the outfall into the Glashaboy River (C01_5300) to tie into the culvert under the R639 (C10_165).
C01_E01	5645 to 5781	197 to 342	Proposed flood defence embankment to be constructed above flood defence level to 21.90mOD (typically 9m wide and to a height of 1.4m above existing ground levels). Flood defence embankment to tie into high ground.
C01_E01	5501 to 5645	86 to 197	Proposed flood defence embankment to be constructed above flood defence level to 21.73mOD (typically 10m wide and to a height of 1.71m above existing ground levels).
C01_E01	5462 to 5501	43 to 86	Proposed flood defence embankment to be constructed above flood defence level to 21.40mOD (typically 12m wide and to a height of 1.97m above existing ground levels).
C01_E01	5420 to 5462	0 to 43	Proposed flood defence embankment to be constructed above flood defence level to 21.10mOD (typically 10m wide and to a height of 1.60m above existing ground levels). Flood defence embankment to tie into proposed flood defence wall.
C01_L01	5384 to 5424	531 to 576	Proposed steel sheet pile wall to be constructed to flood defence level of 21.02mOD. Finished wall height to be typically 1.53m above existing ground levels. Flood defence wall to tie into proposed flood defence embankment. All drainage outfalls to be fitted with non-return valves.
C01_L01	5352 to 5384	498 to 531	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 20.62mOD (typically 2.20m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5298 to 5352	442 to 498	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 20.34mOD (typically 1.80m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C10_C04	160 to 167	160 to 167	The existing culvert is to be extinguished. Flow to be diverted through C10.1_B01.
C10_C03	153 to 160	153 to 160	Upstream flow to be diverted through a proposed reinforced concrete sealed chamber to C10.1_B01.
C10_C02	3 to 153	3 to 153	The stretch of existing culvert is to be retained but will not form part of the Drainage Scheme. Upstream flow to be diverted through C10.1_B01.
C10.1_B01	0 to 165	0 to 165	Channel C10 to be realigned along the line of C10.1. The Stream is to be culverted in a 900mm diameter concrete culvert from chainage zero at the outfall into the Glashaboy River at C01_5300, which will be a free flowing outlet. The culvert will extend as far back as works chainage 165 where it will tie into the culvert which crosses under the R639. All drainage outfalls within the culvert will be fitted with a non-return valve.

- Notes:
- Do not scale from drawing.
  - This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.
  - All sections on this drawing are taken looking downstream.

Drg. No. GR\_202 Proposed Flood Defences - Plan Layout (Sheet 2 of 17)

Key Plan

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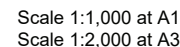
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Issued for Confirmation May 2018



## Key Plan

### Key to Plan

- |   |   |   |  |
|---|---|---|--|
|  | Watercourse   |  | Proposed Flood Defence Wall              |
|  | Channel Centreline, Reference (C08) and Chainage (300m) |  | Existing Culvert to be Retained          |
|  | Interference Reference                                  |  | Proposed Reinforced Concrete Culvert     |
|  | Location and Reference of Cross Section                 |  | Proposed Flow Control Structure          |
|  | Proposed Works Chainage (m)                             |  | Proposed Rising Main (Surface Water)     |
|  | Existing Weir to be retained                            |  | Proposed Pumping Station (Surface Water) |
|   |   |  | Proposed Channel Works                   |
|   |   |  | Proposed Boundary Works                  |

Interface Reference	Channel Chainage	Proposed Works Chainage (m)	General Description of Proposed Works
C01_L01	5384 to 5424	531 to 576	Proposed steel sheet pile wall to be constructed to flood defence level of 21.02mOD. Finished wall height to be typically 1.53m above existing ground levels. Flood defence wall to tie into proposed flood defence embankment. All drainage outfalls to be fitted with non-return valves.
C01_L01	5352 to 5384	498 to 531	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 20.62mOD (typically 2.20m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5298 to 5352	442 to 498	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 20.34mOD (typically 1.80m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5272 to 5298	416 to 442	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 20.05mOD (typically 1.30m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5222 to 5272	367 to 416	Proposed steel sheet pile wall to be constructed to a flood defence level of 20.05mOD (typically 1.40m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5182 to 5222	328 to 367	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 19.63mOD (typically 1.33m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5149 to 5182	295 to 328	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 19.42mOD (typically 1.30m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5116 to 5149	256 to 295	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 19.06mOD (typically 1.10m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5083 to 5116	219 to 256	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 18.70mOD (typically 0.80m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	5030 to 5083	150 to 219	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 18.58mOD (typically 0.90m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	4978 to 5030	102 to 150	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 18.50mOD (typically 1.60m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	4936 to 4978	64 to 102	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 18.19mOD (typically 1.45m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C10_C02	3 to 153	3 to 153	The stretch of existing culvert is to be retained. Upstream flow to be diverted through C10.1_B01.
C10_F01	3 to 7	0 to 4	Proposed boundary fence to be provided over proposed culvert. Proposed fence to tie into the proposed flood defence wall at western end.
C10_B01	0 to 3	0 to 3	The existing stretch of open channel is to be culverted through a proposed 900mm diameter concrete culvert and will outfall into the Glashaboy River at C01_5311. All drainage outfalls to be fitted with non-return valves. Upstream flow to be diverted through C10.1_B01.
C10.1_B01	0 to 165	0 to 165	Channel C10 to be realigned along the line of C10.1. The Stream is to be culverted in a 900mm diameter concrete culvert from chainage zero at the outfall into the Glashaboy River at C01_5300, which will be a free flowing outfall. The culvert will extend as far back as works chainage 165 where it will tie into the culvert which crosses under the R639. All drainage outfalls within the culvert will be fitted with a non-return valve.
C01_P01	5300	-	Proposed local surface water pumping station, collector drain, manhole and rising main to be installed for operation during a flood event at C01_5300. All outlets to be fitted with non-return valves.
C08_SL01	857	-	Proposed flow control structure on the Mill Race. The structure will be fitted with a penstock to facilitate maintenance of the Mill Race. A base flow will be maintained in the Mill Race at all times.
C01_G01	1643 to 5815	-	Channel maintenance, as and when necessary over a distance of 4172m from the confluence of The Glashaboy River with Mill Race 1 (C01_1643) to the confluence with Bleach Hill Stream (C01_5815).
C08_G01	0 to 881	-	Channel maintenance, as and when necessary over a distance of 881m from the confluence of the Glashaboy River and Mill Race 3 (C08_000) and the bifurcation of the Glashaboy River and Mill Race 3 (C08_881).
C10.1_G01	0 to 165	-	Channel maintenance, as and when necessary over a distance of 165m from the outfall into the Glashaboy River (C01_5300) to tie into the culvert under the R639 (C10_165).
C10_G01	0 to 3	0 to 3	Channel maintenance, as and when necessary over a distance of 3m from the confluence of the Sallybrook Stream and the Glashaboy River (C01_5312) to the proposed culvert (C10_B01).

Notes:

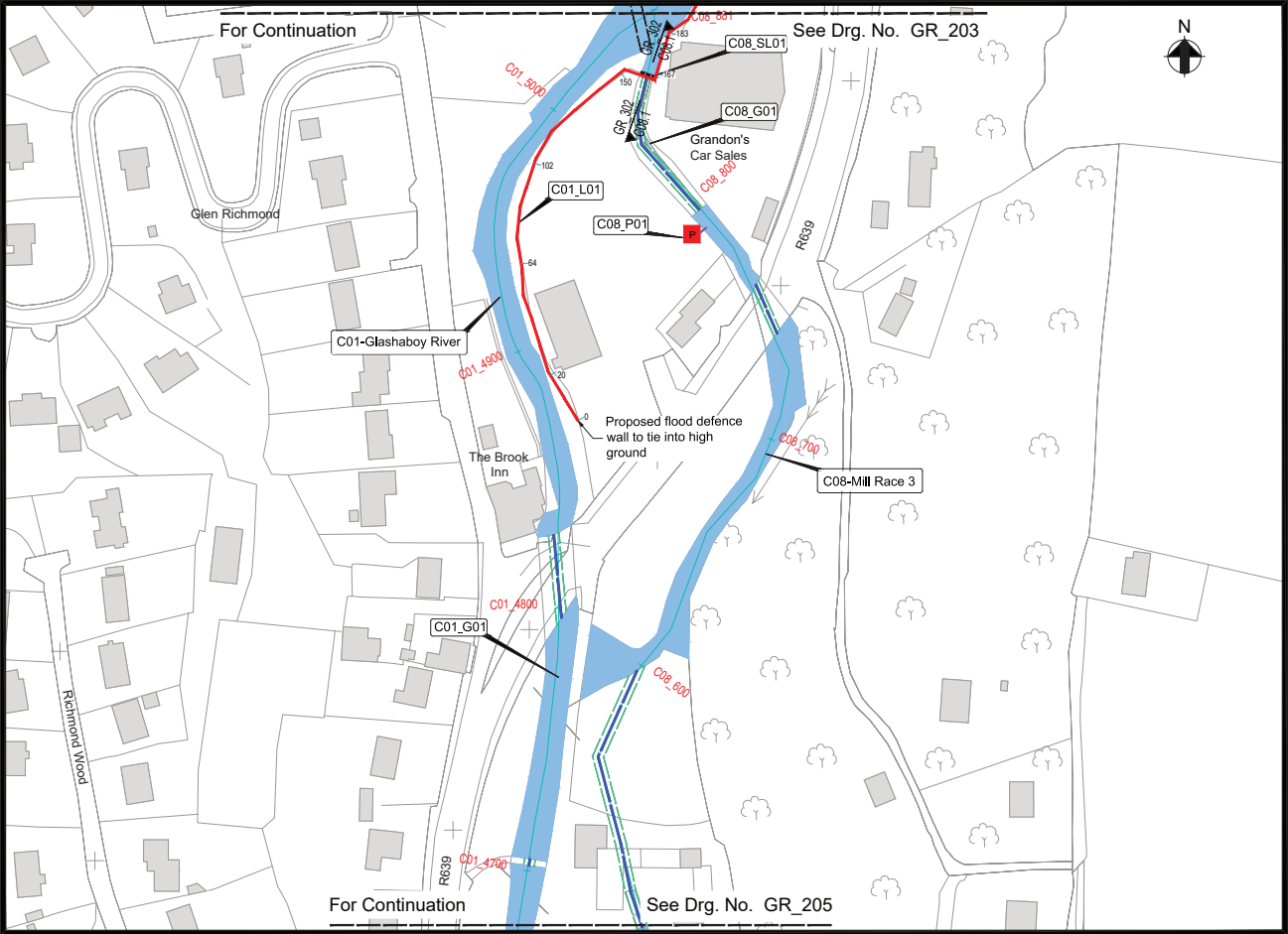
1. Do not scale from drawing.
2. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.
3. All sections on this drawing are taken looking downstream, except C08.1 which is looking to the east.

Drq. No. GR 203 Proposed Flood Defences - Plan Layout (Sheet 3 of 17)



Glashaboy River (Glanmire/Sallybrook) Drainage Scheme

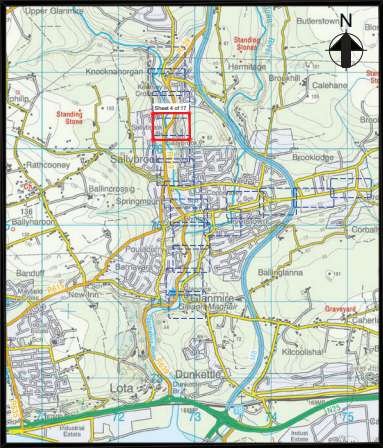
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Location Plan



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



Key Plan

- 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
  - Existing Culvert to be Retained
  - Proposed Flow Control Structure
  - Existing Weir to be Retained
  - Proposed Pumping Station (Surface Water)
  - Proposed Rising Main (Surface Water)

Interference Reference	Channel Chainage	Proposed Works Chainage (m)	General Description of Proposed Works
C01_L01	5030 to 5083	150 to 219	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 18.58mOD (typically 0.90m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	4978 to 5030	102 to 150	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 18.50mOD (typically 1.60m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	4936 to 4978	64 to 102	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 18.19mOD (typically 1.45m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	4886 to 4936	20 to 64	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 17.87mOD (typically 1.20m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L01	4869 to 4886	0 to 20	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 17.55mOD (typically 0.80m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Proposed flood defence wall to tie into high ground.
C08_SL01	857	-	Proposed flow control structure on the Mill Race. The structure will be fitted with a penstock to facilitate maintenance of the Mill Race. A base flow will be maintained in the Mill Race at all times.
C08_P01	790	-	Proposed local surface water pumping station, collector drain, manhole and rising main to be installed for operation during a flood event at C08_790. All outlets to be fitted with non-return valves.
C01_G01	1643 to 5815	-	Channel maintenance, as and when necessary over a distance of 4172m from the confluence of The Glashaboy River with Mill Race 1 (C01_1643) to the confluence with Bleach Hill Stream (C01_5815).
C08_G01	0 to 881	-	Channel maintenance, as and when necessary over a distance of 881m from the confluence of the Glashaboy River and Mill Race 3 (C08_000) and the bifurcation of the Glashaboy River and Mill Race 3 (C08_881).

- Notes:
- Do not scale from drawing.
  - This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.
  - Section C08.1 faces eastward.

Drg. No. GR\_204 Proposed Flood Defences - Plan Layout (Sheet 4 of 17)

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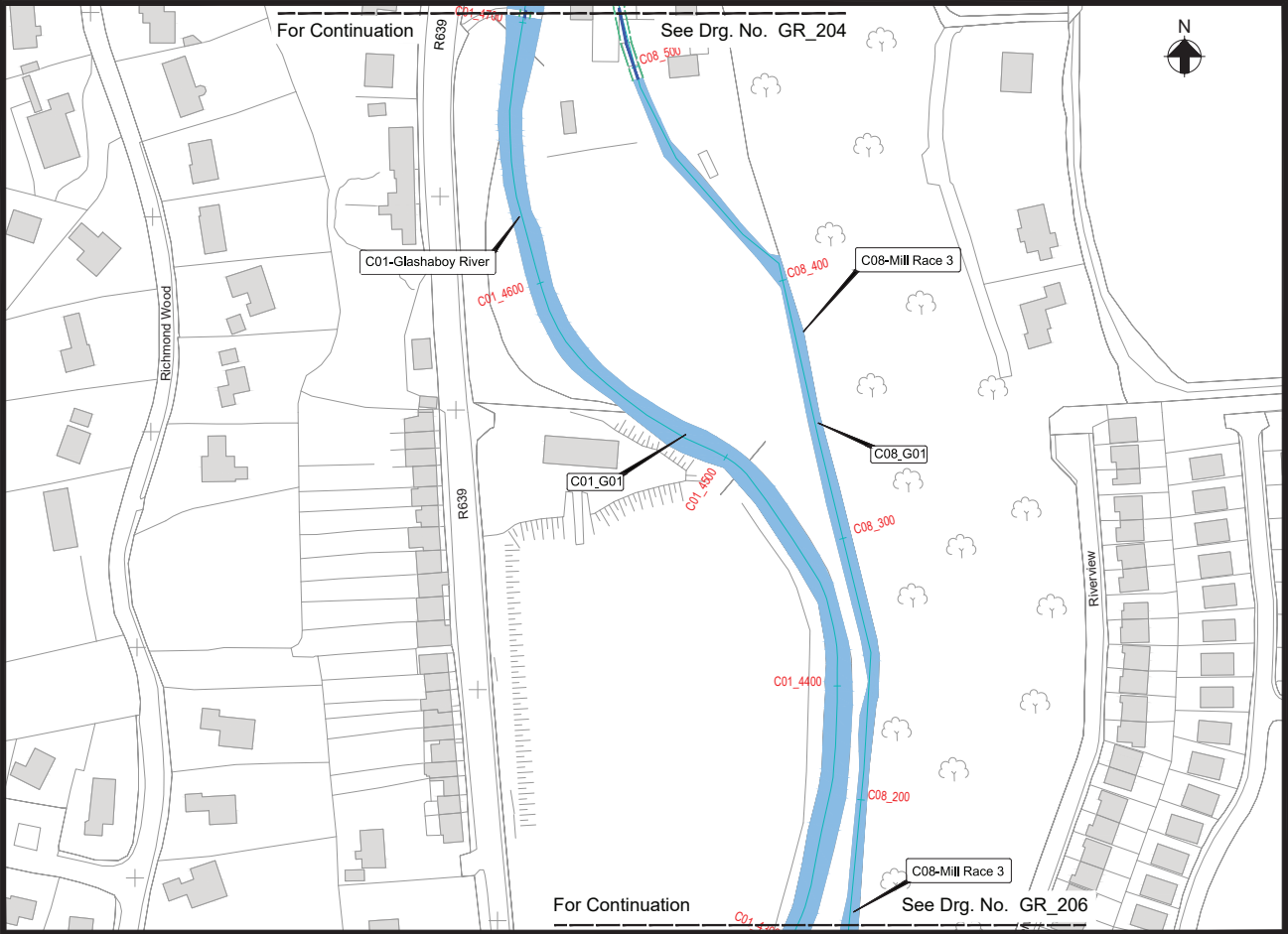
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Cork, Ireland.



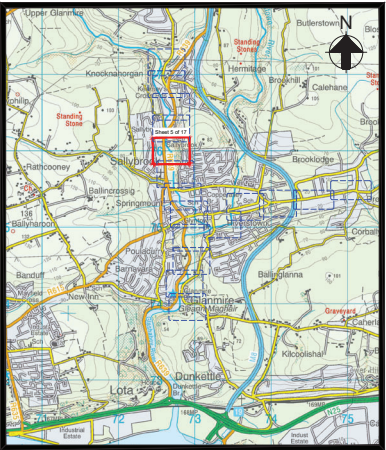
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Location Plan



Key Plan

Key to Plan

-  Watercourse
-  Channel Centreline, Reference (C08) and Chainage (300m)
-  Interference Reference
-  Existing Culvert To Be Retained

Interference Reference	Channel Chainage	Proposed Works Chainage (m)	General Description of Proposed Works
C01_G01	1643 to 5815	-	Channel maintenance, as and when necessary over a distance of 4172m from the confluence of The Glashaboy River with Mill Race 1 (C01_1643) to the confluence with Bleach Hill Stream (C01_5815).
C08_G01	0 to 881	-	Channel maintenance, as and when necessary over a distance of 881m from the confluence of the Glashaboy River and Mill Race 3 (C08_000) and the bifurcation of the Glashaboy River and Mill Race 3 (C08_881).

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

Drg. No. GR\_205 Proposed Flood Defences - Plan Layout (Sheet 5 of 17)

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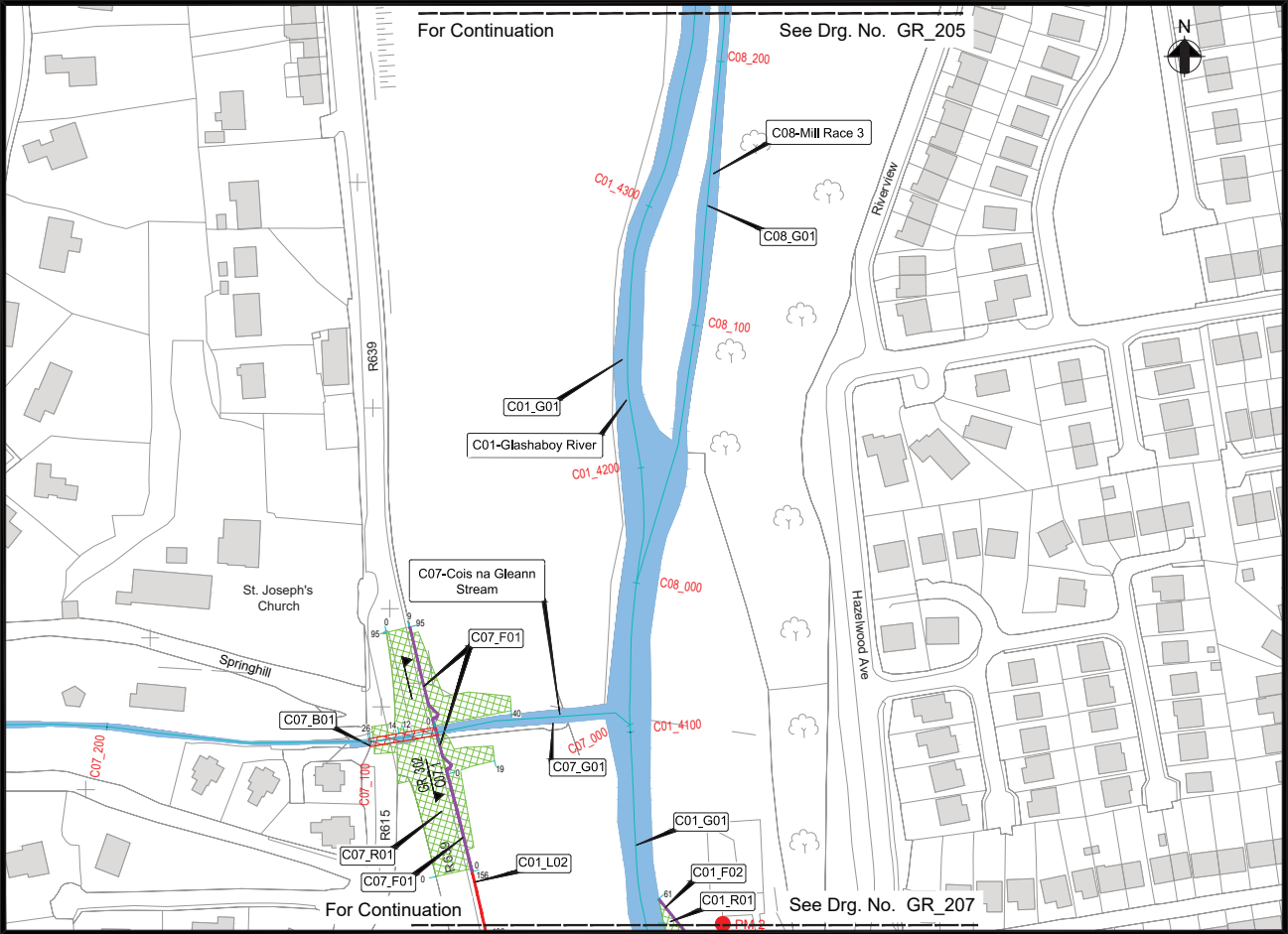
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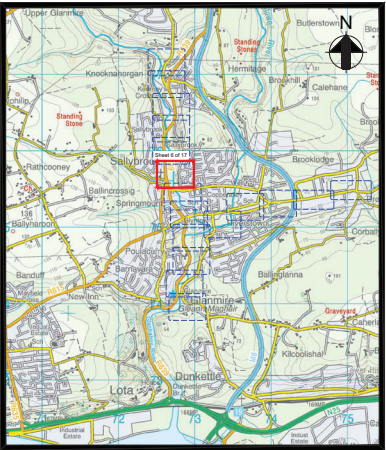
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Location Plan

0 5 10 20 50 Metres

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



Key Plan

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
- Proposed Replacement Concrete Culvert
- Proposed Regrading of Ground Levels
- Proposed Boundary works
- Photomontage (Location, Orientation and No.)

Interference Reference	Channel Chainage	Proposed Works Chainage (m)	General Description of Proposed Works
C01_G01	1643 to 5815	-	Channel maintenance, as and when necessary over a distance of 4172m from the confluence of The Glashaboy River with Mill Race 1 (C01_1643) to the confluence with Bleach Hill Stream (C01_5815).
C08_G01	0 to 881	-	Channel maintenance, as and when necessary over a distance of 881m from the confluence of the Glashaboy River and Mill Race 3 (C08_000) and the bifurcation of the Glashaboy River and Mill Race 3 (C08_881).
C07_G01	0 to 111	-	Channel maintenance, as and when necessary over a distance of 111m from the confluence of the Cois na Gleann Stream and Glashaboy River (C07_000) to 10m upstream of the replacement culvert at C07_111.
C07_B01	75 to 87	0 to 12	Existing culvert to be replaced with a proposed 2.75m wide by 0.9m high rectangular culvert. Service diversions associated with the culvert reconstruction will be required locally.
C07_B01	87 to 89	12 to 14	Existing open channel section to be culverted with a proposed 2.75m wide by 0.9m high rectangular culvert. Service diversions associated with the culvert reconstruction will be required locally.
C07_B01	89 to 101	14 to 26	Existing culvert to be replaced with a proposed 2.75m wide by 0.9m high rectangular culvert. Existing trashscreen upstream to be removed from the culvert. Service diversions associated with the culvert reconstruction will be required locally.
C07_R01	46 to 99	0 to 95	Proposed road regrading on the R639 to facilitate the construction of the replacement Cois Na Gleann Stream culvert under the R639 road.
C07_F01	4047 to 4140	0 to 95	Existing stone wall to be replaced with a proposed 1.20m high wall. Vehicular access to be provided from the R639 to the Circus Field and Glanmire GAA club .
C01_L02	4024 to 4047	132 to 156	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 13.61mOD (typically 0.50m above existing footpath level). All drainage outfalls to be fitted with non-return valves.
C01_F02	3995 to 4036	0 to 61	Proposed fencing and access gate to be provided around the open channel for safety/security.
C01_R01	3995 to 4050	0 to 61	Proposed flood relief channel to be constructed with engineered grassed slopes.

- Notes:
- Do not scale from drawing.
  - This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.
  - Section C07.1 faces eastwards.

Drg. No. GR\_206 Proposed Flood Defences - Plan Layout (Sheet 6 of 17)

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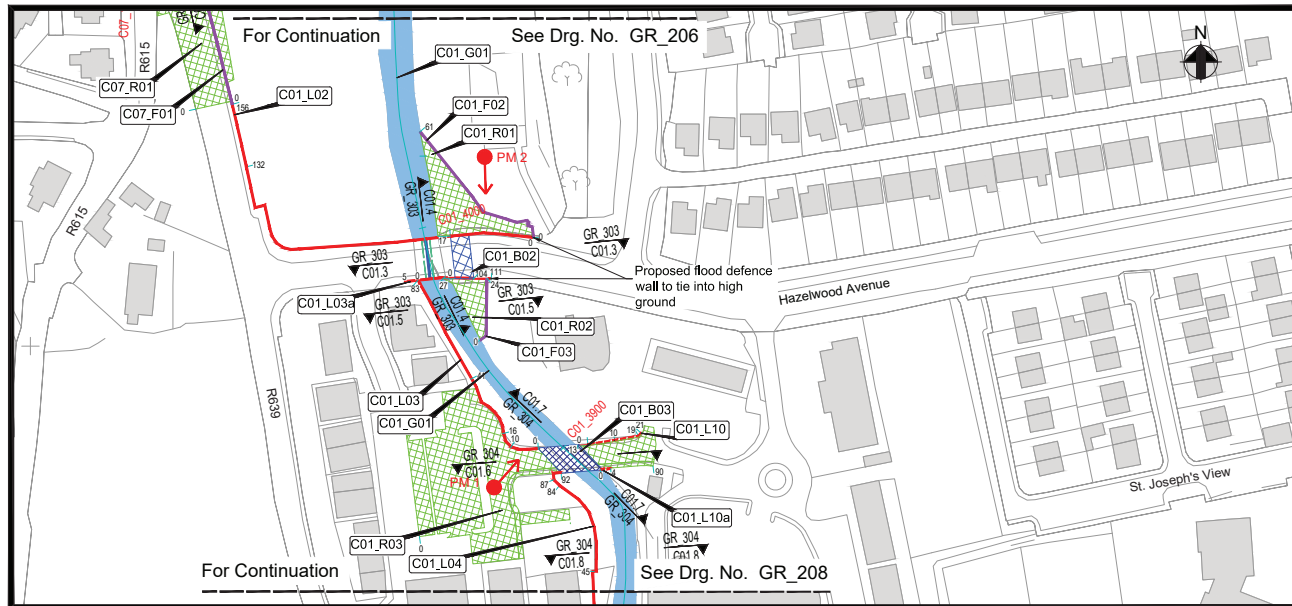
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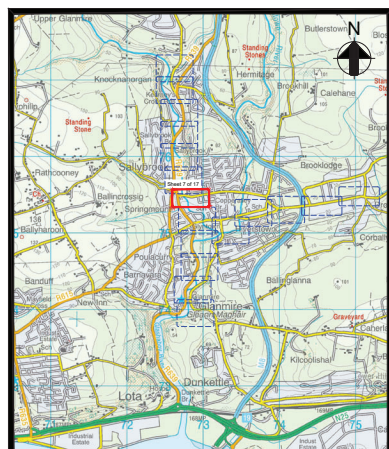


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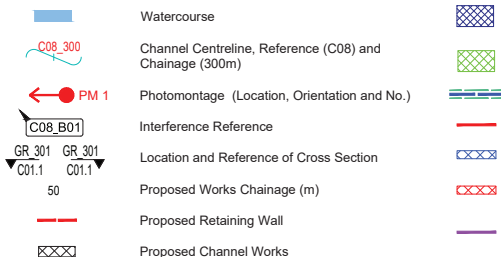
## Location Plan



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



### Key to Plan



- Proposed New Bridge
- Proposed Regrading of Ground Levels
- Existing Culvert To Be Retained
- Proposed Flood Defence Wall
- Proposed Reinforced Concrete Culvert
- Proposed Replacement Reinforced Concrete Culvert
- Proposed Boundary works

Interference Reference	Channel Chainage	Proposed Works Chainage (m)	General Description of Proposed Works
C01_G01	1643 to 5815	-	Channel maintenance, as and when necessary over a distance of 4172m from the confluence of The Glashaboy River with Mill Race 1 (C01_1643) to the confluence with Bleach Hill Stream (C01_5815).
C07_R01	46 to 99	0 to 95	Proposed road regrading on the R639 to facilitate the construction of the replacement Cois Na Glann Stream culvert under the R639 road.
C07_F01	4047 to 4140	0 to 95	Existing stone wall to be replaced with a new 1.20m high wall. Vehicular access to be provided from the R639 to the Circus Field and Glanmire GAA club.
C01_L02	4024 to 4047	132 to 156	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 13.61mOD (typically 0.50m above existing footpath level). All drainage outfalls to be fitted with non-return valves.
C01_L02	3995 to 4024	0 to 132	Proposed reinforced concrete flood defence wall to be constructed to flood defence level of 13.50mOD (typically 1.30m above existing footpath level). All drainage outfalls to be fitted with non-return valves.
C01_F02	3995 to 4036	0 to 61	Fencing and lockable access gate to be provided around the open channel for safety/security.
C01_R01	3995 to 4036	0 to 61	Proposed flood relief channel to be constructed with engineered grassed slopes.
C01_B02	3978 to 3995	0 to 17	Proposed 6.2m wide by 1.55m high rectangular flood relief culvert to be constructed. Service diversions associated with the culvert construction will be required.
C01_F03	3951 to 3980	0 to 24	Fencing and lockable access gate to be provided around the open channel for safety/security.
C01_R02	3951 to 3980	0 to 27	Proposed flood relief channel to be constructed with engineered grassed slopes.
C01_L03a	3980	0 to 5	Proposed reinforced concrete flood defence wall to be constructed to 13.20mOD (typically 1.20m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L03	3980	104 to 111	Proposed reinforced concrete flood defence wall to be constructed above flood defence level to 13.70mOD (typically 1.20m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Service diversions associated with the wall construction will be required.
C01_L03	3980	83 to 104	Proposed reinforced concrete flood defence wall to be constructed above flood defence level to 13.30mOD (typically 1.20m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L03	3941 to 3980	41 to 83	Proposed reinforced concrete flood defence wall to be constructed to 12.71mOD flood defence level (typically 1.45m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L03	3916 to 3941	16 to 41	Proposed reinforced concrete flood defence wall to be constructed above flood defence level to 12.74mOD (typically 1.25m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L03	3911 to 3916	10 to 16	Proposed reinforced concrete flood defence wall to be constructed above flood defence level to 12.92mOD (typically 1.34m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_L03	3901 to 3911	0 to 10	Proposed reinforced concrete flood defence wall to be constructed above flood defence level to 13.10mOD (typically 1.52m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C01_R03	3852 to 3933	0 to 90	Regrading of existing ground to facilitate the construction of the proposed new bridge. Ground levels to tie into existing levels on either side of the proposed bridge. Service diversions associated with road regrading will be required.
C01_B03	3888 to 3901	0 to 13	Replace existing bridge with a new reinforced concrete bridge. Bridge to be 13.50m clear span. Proposed bridge soffit level to be 12.3mOD (approximately 1.85m above existing bridge soffit).
C01_L10	3900	0 to 10	Proposed reinforced concrete retaining wall to be constructed to 13.35mOD (typically 1.87m above existing road levels).
C01_L10	3899	10 to 19	Proposed reinforced concrete retaining wall to be constructed to 12.75mOD (typically 1.00m above existing road levels).
C01_L10	3898	19 to 21	Proposed reinforced concrete retaining wall to be constructed to 12.55mOD (typically 0.51m above existing road levels).
C01_L10a	3887	0 to 4	Proposed reinforced concrete retaining wall to be constructed to 13.35mOD (typically 1.48m above existing road levels).
C01_L04	3885 to 3887	87 to 92	Proposed reinforced concrete flood defence wall to be constructed above flood defence level to 13.35mOD (typically 1.81m above existing ground levels in the funeral home car park). The flood defence wall is to tie into the proposed bridge at the upstream end. All drainage outfalls to be fitted with non-return valves.
C01_L04	3883 to 3885	84 to 87	Proposed reinforced concrete flood defence wall to be constructed above flood defence level to 12.85mOD (typically 1.32m above existing ground levels in the funeral home car park). All drainage outfalls to be fitted with non-return valves.
C01_L04	3843 to 3883	45 to 84	Proposed reinforced concrete flood defence wall to be constructed to 12.21mOD flood defence level (typically 1.41m above existing ground levels in the funeral home car park). All drainage outfalls to be fitted with non-return valves.
C01_L04	3806 to 3843	8 to 45	Proposed reinforced concrete flood defence wall to be constructed to 11.93mOD flood defence level (typically 1.33m above existing ground levels in the funeral home car park). All drainage outfalls to be fitted with non-return valves.

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.
3. Sections C01.4 & C01.7 face eastwards.

Drg. No. GR\_207 Proposed Flood Defences - Plan Layout (Sheet 7 of 17)

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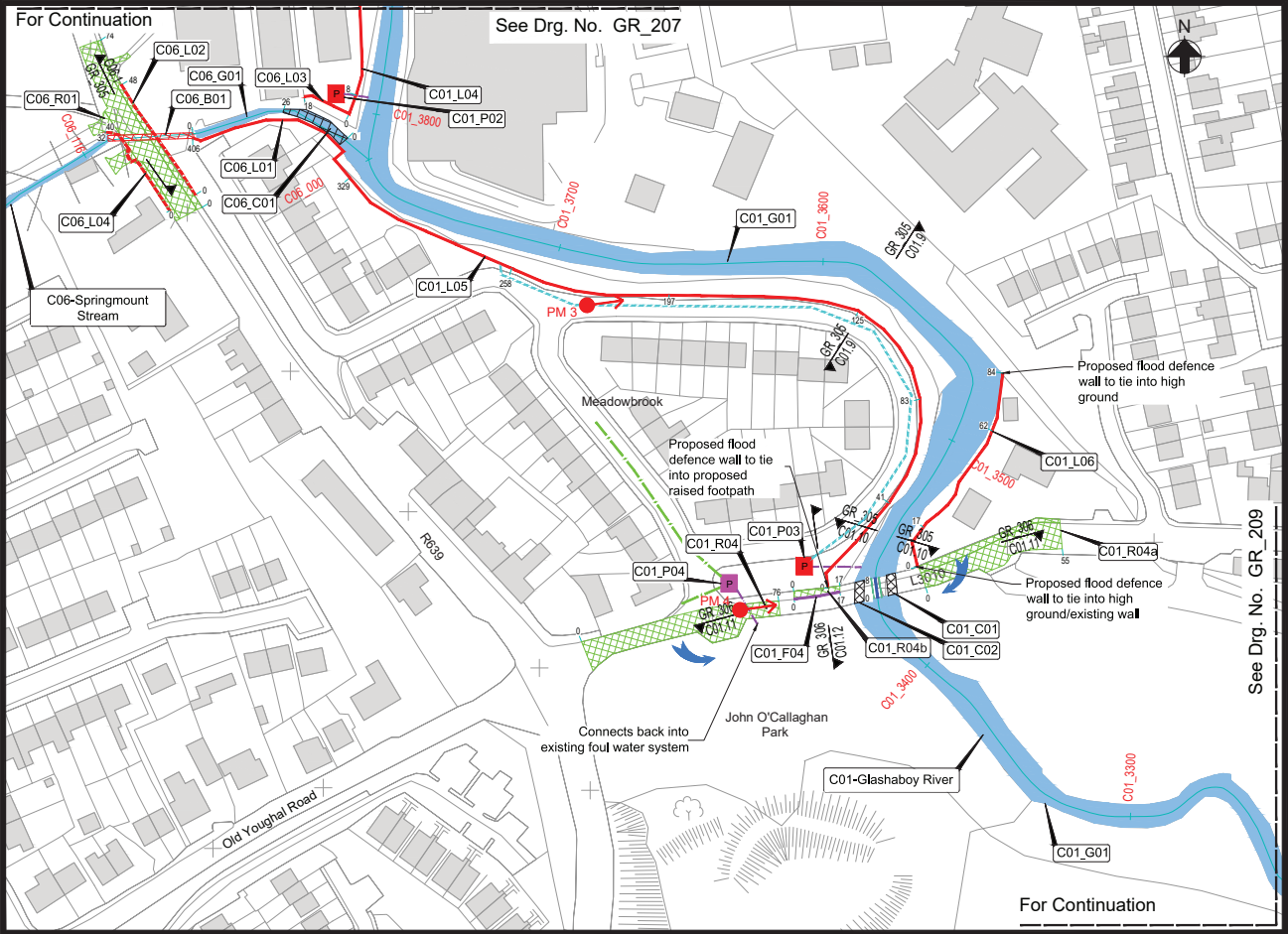
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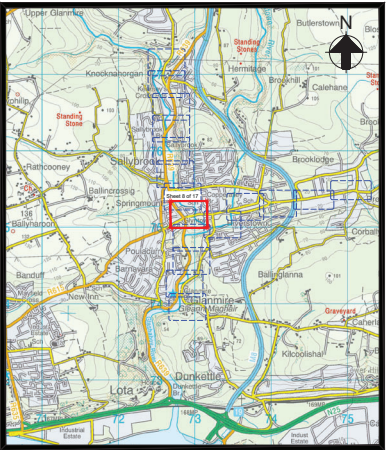
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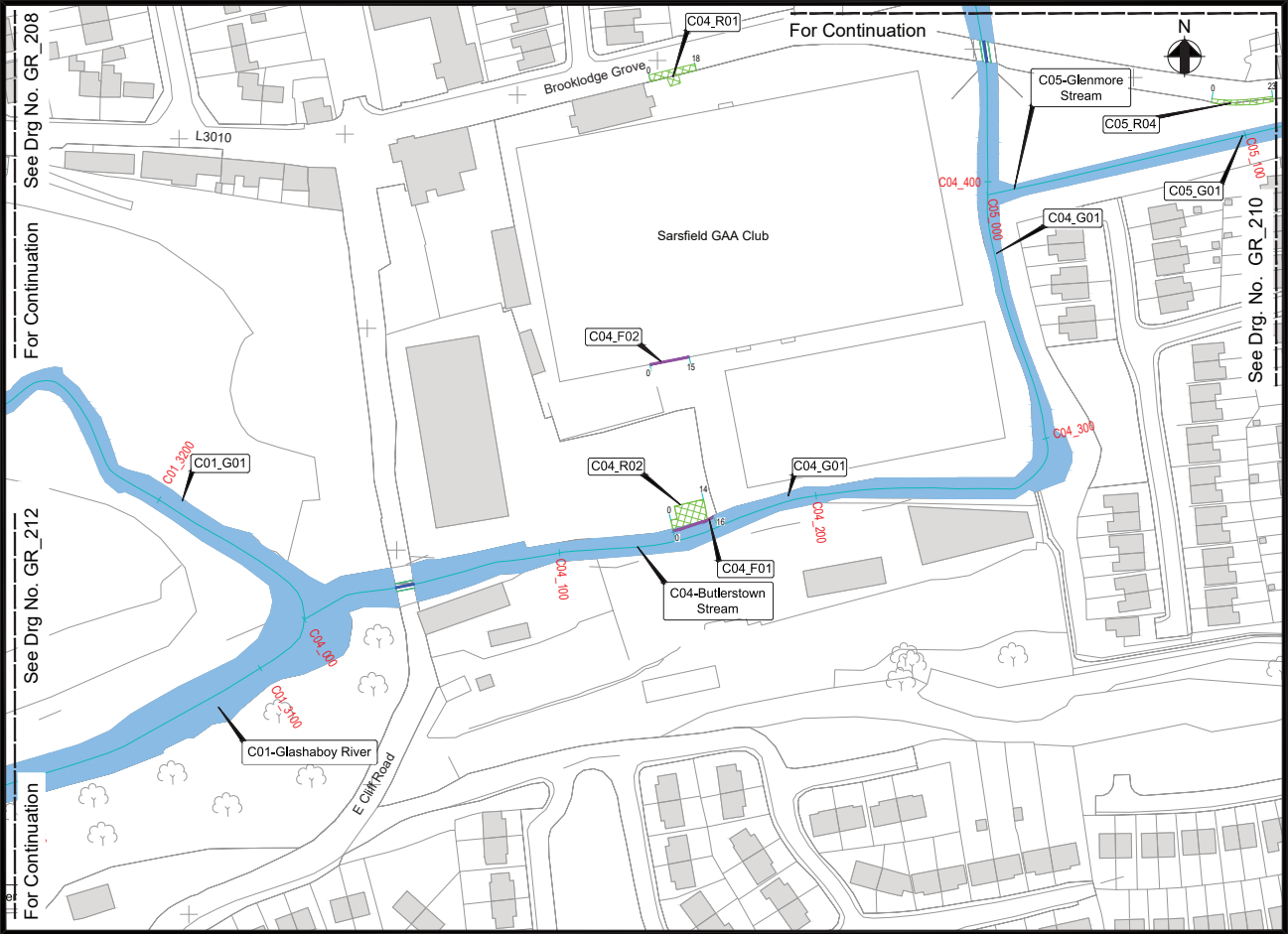
## Key Plan



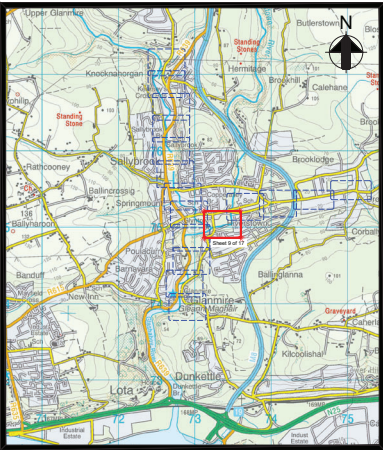
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Location Plan







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Location Plan



Key Plan

Key to Plan

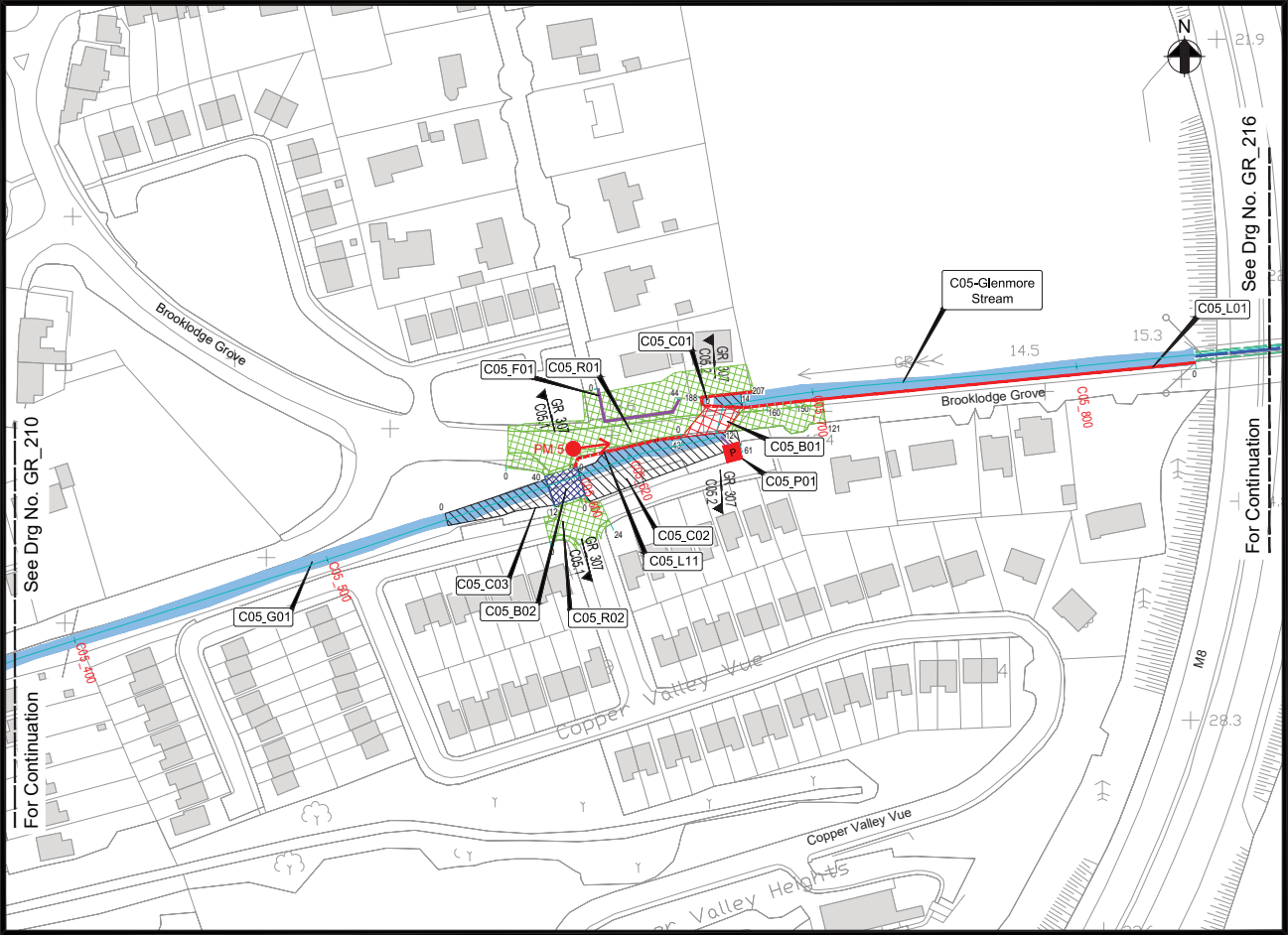
- Watercourse
- Channel Centreline, Reference (C08) and Chainage (300m)
- Interference Reference
- Proposed Works Chainage (m)
- Existing Bridge/Culvert to be Retained
- Proposed Boundary Works
- Proposed Regrading of Ground Levels

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

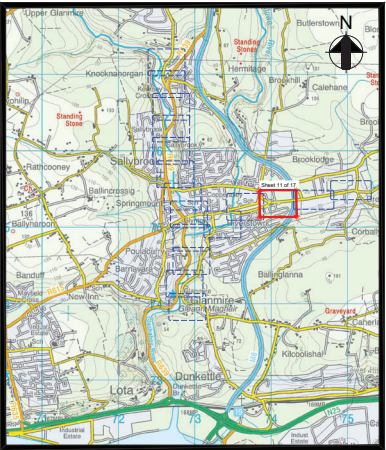
Interference Reference	Channel Chainage	Proposed Works Chainage (m)	General Description of Proposed Works
C04_R01	-	0 to 18	Proposed localised road and footpath regrading.
C04_R02	144 to 158	0 to 14	Proposed localised road and footpath regrading.
C05_R04	90 to 113	0 to 23	Minimal landscaping and regrading of ground levels, to facilitate overland flow on Brooklodge Grove back into the Glenmore Stream.
C04_F01	144 to 160	0 to 16	Existing boundary wall to be modified to allow overland flow to discharge into the Butlerstown Stream.
C04_F02	-	0 to 15	Existing boundary wall to be modified to allow overland flow to discharge into the Butlerstown Stream.
C01_G01	1643 to 5815	-	Channel maintenance, as and when necessary over a distance of 4172m from the confluence of the Glashaboy River with Mill Race 1 (C01_1643) to the confluence with Bleach Hill Stream (C01_5815).
C04_G01	0 to 640	-	Channel maintenance, as and when necessary over a distance of 640m from the confluence of the Butlerstown Stream and Glashaboy River (C04_000) to chainage 640 on the Butlerstown Stream.
C05_G01	0 to 1865	-	Channel maintenance, as and when necessary over a distance of 1865m from the confluence of the Glenmore Stream and the Butlerstown Stream (C05_000) to chainage 1865 on the Glenmore Stream.

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





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Location Plan



Key Plan

Key to Plan

- |  |   |  |  |
|--|---|--|--|
|  | Watercourse   |  | Proposed Regrading of Ground Levels              |
|  | Channel Centreline, Reference (C08) and Chainage (300m) |  | Proposed Flood Defence Wall                      |
|  | Photomontage (Location, Orientation and No.)            |  | Proposed Channel Widening & Deepening            |
|  | Interference Reference                                  |  | Proposed Reinforced Concrete Culvert Replacement |
|  | Location and Reference of Cross Section                 |  | Proposed Pumping Station (Surface Water)         |
|  | Proposed Works Chainage (m)                             |  | Proposed Rising Main (Surface Water)             |
|  | Proposed Boundary Works                                 |  | Proposed New Bridge                              |
|  | Existing Culvert/Bridge to be Retained                  |  | Proposed Retaining Wall                          |

Interference Reference	Channel Chainage	Proposed Works Chainage (m)	General Description of Proposed Works
C05_G01	0 to 1865	-	Channel maintenance, as and when necessary over a distance of 1865m from the confluence of the Glenmore Stream and the Butlerstown Stream (C05_000) to chainage 1865 on the Glenmore Stream.
C05_L01	693 to 845	0 to 150	Existing wall to be strengthened. All drainage outfalls to be fitted with non-return valves.
C05_L01	682 to 693	150 to 160	Proposed reinforced concrete retaining wall to be constructed to 15.63mOD (typically 1.40m above existing footpath levels). All drainage outfalls to be fitted with non-return valves.
C05_L01	666 to 682	160 to 188	Proposed reinforced concrete retaining wall to be constructed to 15.84mOD (typically 1.76m above existing footpath levels). All drainage outfalls to be fitted with non-return valves.
C05_L01	666 to 678	188 to 207	Proposed reinforced concrete retaining wall to be constructed to 15.64mOD (typically 1.54m above existing garden levels). All drainage outfalls to be fitted with non-return valves.
C05_B01	655 to 666	0 to 12	Replace three existing culverts, (2.32m span arch, 2.95m wide by 0.68m high culvert and 2.95m wide by 0.67m high culvert) with 2 no. rectangular culverts each 5m wide by 2.12m high. Service diversions associated with the culvert reconstruction will be required.
C05_R01	571 to 703	0 to 121	Brooklodge Grove road to be regraded to facilitate the construction of the proposed replacement culvert including minor regrading and landscaping to adjoining gardens and driveways.
C05_F01	-	0 to 44	Proposed boundary works to the existing property following regrading of ground levels.
C05_B02	588 to 600	0 to 12	Replace existing bridge with a new reinforced concrete bridge. Bridge to be 10m clear span. Proposed bridge soffit level to be 13.79mOD (approximately 0.33m above existing bridge soffit). Service diversions associated with the bridge reconstruction will be required.
C05_L11	602 to 641	0 to 43	Proposed reinforced concrete retaining wall to be constructed to 14.84mOD (typically 1.04m above existing ground levels). All drainage outfalls to be fitted with non-return valves.
C05_R02	580 to 604	0 to 24	Entrance to Copper Valley Vue to be regraded to facilitate the construction of the proposed replacement bridge.
C05_C01	662 to 673	0 to 14	Channel to be deepened by 0.30m at the existing culvert inlet to facilitate the installation of the proposed replacement culvert at Brooklodge Grove.
C05_C02	600 to 656	0 to 61	Channel to be widened by up to 8m (varies) and deepened by 0.3m typically over a distance of 61m from the proposed culvert under the entrance to Copper Valley Vue (C05_600) to the proposed culvert under Brooklodge Grove (C05_656).
C05_C03	548 to 588	0 to 40	Channel to be widened by up to 6m (varies) and deepened by 0.4m typically over a distance of 40m downstream of the proposed culvert replacement at Copper Valley Vue (C05_588).
C05_P01	653	-	Proposed local surface water pumping station, collector drain, manhole and rising main to be installed for operation during a flood event at C05_653. All outlets to be fitted with non-return valves.

- Notes:
- Do not scale from drawing.
  - This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.
  - All sections on this drawing are taken looking downstream.