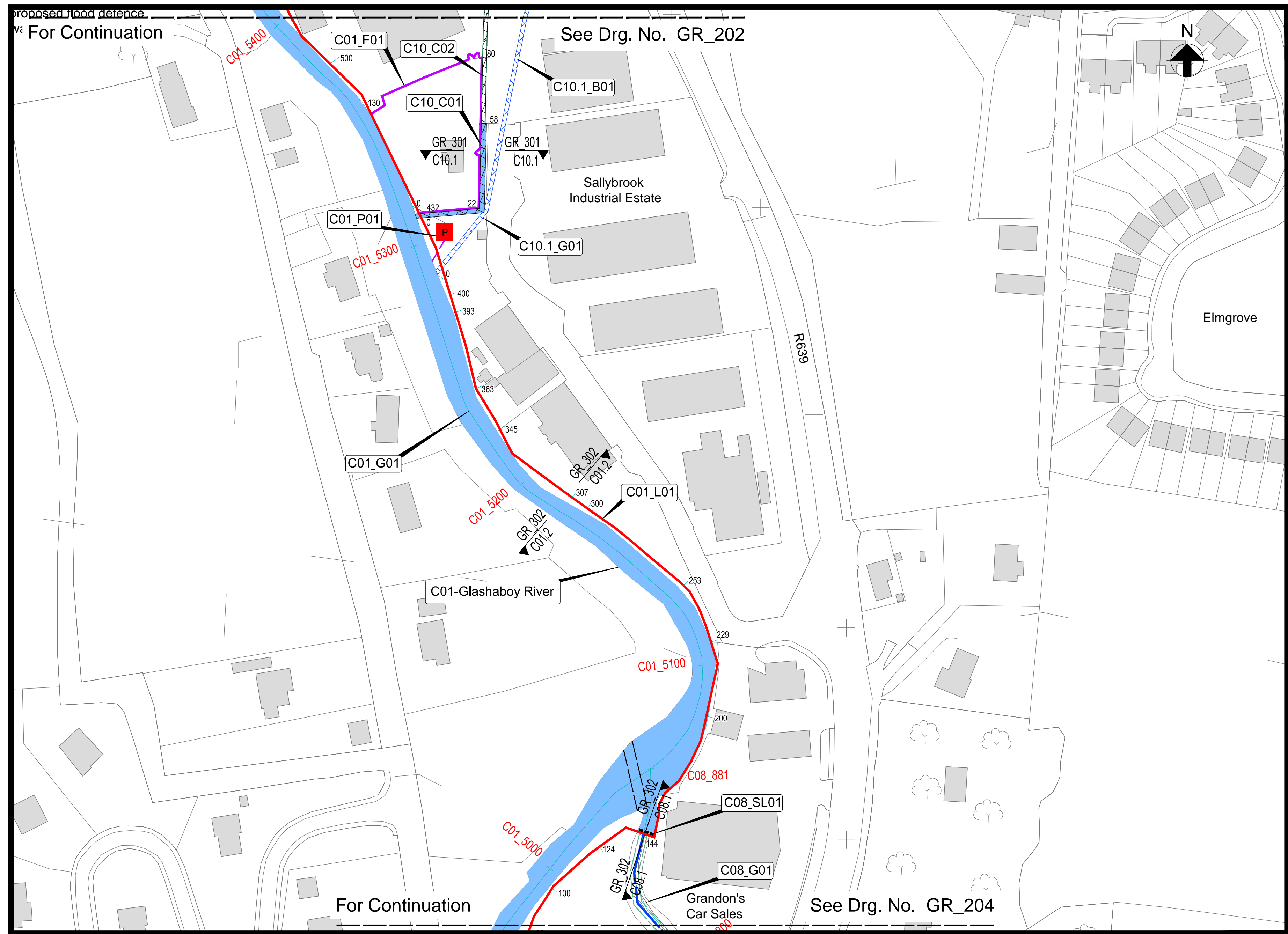
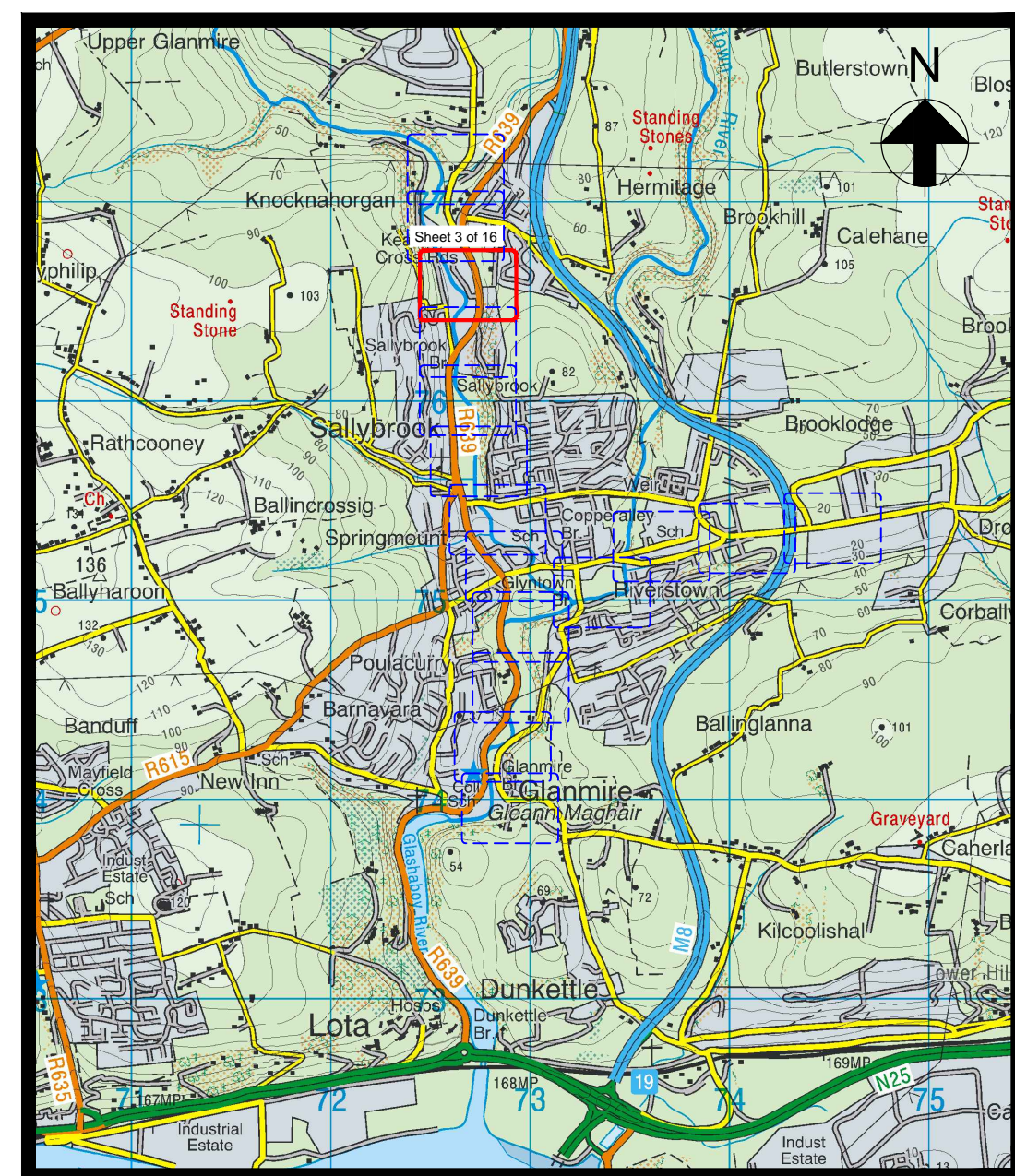


Glashaboy River (Glanmire/Sallybrook) Drainage Scheme

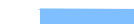















Location Plan



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 Boundary works |
|  | Existing Weir |  | Proposed Pumping Station (Surface Water) |
| | |  | Proposed Rising Main (Surface Water) |
| | |  | Proposed Channel Works |

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
C01_L01	5267 to 5405	393 to 530	Proposed reinforced concrete flood defence wall to be constructed to 20.3mOD flood defence level (typically 1.7m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Flood defence wall to have a concrete fair faced finish on both sides.
C01_L01	5238 to 5267	363 to 393	Proposed reinforced concrete flood defence wall to be constructed to 19.85mOD flood defence level (typically 0.85m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Flood defence wall to have a concrete fair faced finish on both sides.
C01_L01	5181 to 5238	307 to 363	Proposed reinforced concrete flood defence wall to be constructed to 19.5mOD flood defence level (typically 1.0m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Flood defence wall to have a concrete fair faced finish on both sides.
C01_L01	5132 to 5181	253 to 307	Proposed reinforced concrete flood defence wall to be constructed to a flood defence level of 18.9mOD (typically 0.5m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Flood defence wall to have a concrete fair faced finish on both sides.
C01_L01	5017 to 5132	124 to 253	Proposed reinforced concrete flood defence wall to be constructed to a flood defence level of 18.6mOD (typically 0.8m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Flood defence wall to have a concrete fair faced finish on both sides.
C01_L01	4972 to 5017	82 to 124	Proposed reinforced concrete flood defence wall to be constructed to a flood defence level of 18.2mOD (typically 1.4m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Flood defence wall to have a concrete fair faced finish on both sides.
C01_L01	4881 to 4972	0 to 82	Proposed reinforced concrete flood defence wall to be constructed to a flood defence level of 17.9mOD (typically 0.9m above existing ground levels). All drainage outfalls to be fitted with non-return valves. Flood defence wall to have a concrete fair faced finish on both sides.
C01_F01	5308 to 5354	0 to 130	Boundary fence to be provided around Sallybrook House. Existing pedestrian access and vehicular access to be maintained. Fence to be 1.2m above ground level and to tie in with flood defence wall at the western ends.
C10_C02	58 to 153	58 to 153	The existing culvert to be extinguished. Flow to be diverted through C10.1_B01.
C10_C01	0 to 58	0 to 58	The existing stretch of open channel to be extinguished, and backfilled. Flow to be diverted through C10.1_B01.
C10.1_B01	0 to 158	0 to 158	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_5285, which will be a free flowing outlet. The culvert will extend as far back as works chainage 158 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	5285	-	Proposed local surface water pumping station, collector drain, manhole and rising main to be installed for operation during a flood event at C01_5285. All outlets to be fitted with non-return valves.
C08_SL01	857	-	Proposed flow control structure to restrict peak flows in the Mill Race, Structure to be fitted with penstock for maintenance. A base flow will be maintained in the millrace 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 158	-	Culvert maintenance, as and when necessary over a distance of 158m from the outfall into the Glashaboy River (C06_5285) to tie into the culvert under the R639 (C06_158).

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.
4. All sections on this drawing are taken looking downstream, except C08.1 which is looking to the east.

Drg. No. GR_203 Proposed Flood Defences - Plan Layout (Sheet 3 of 16)

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.

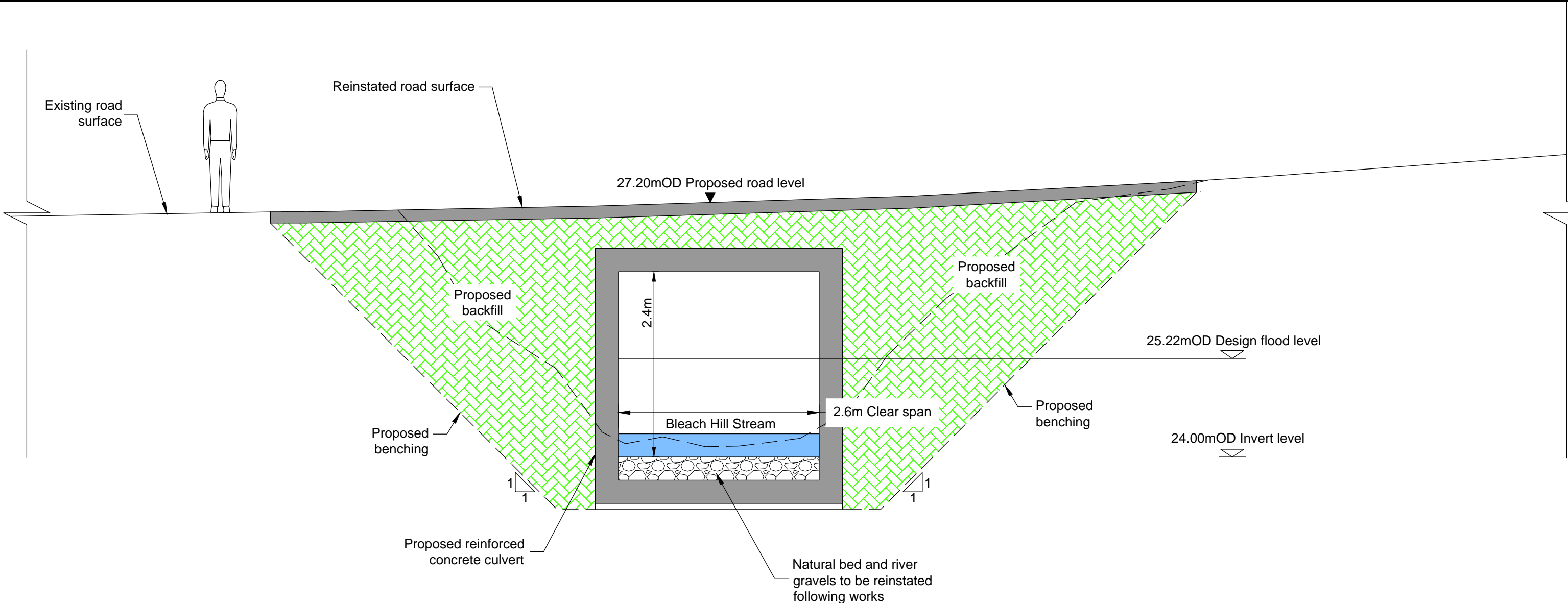
Tel. + 353 (0) 61 345463
Fax + 353 (0) 61 280146

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

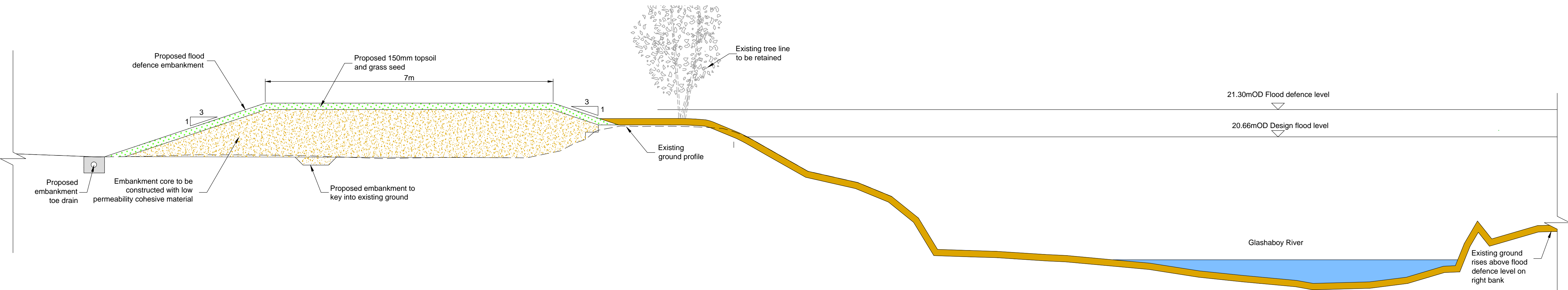
Tel: +00 353 (0) 21 4276891
Fax: +00 353 (0) 21 4276321

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

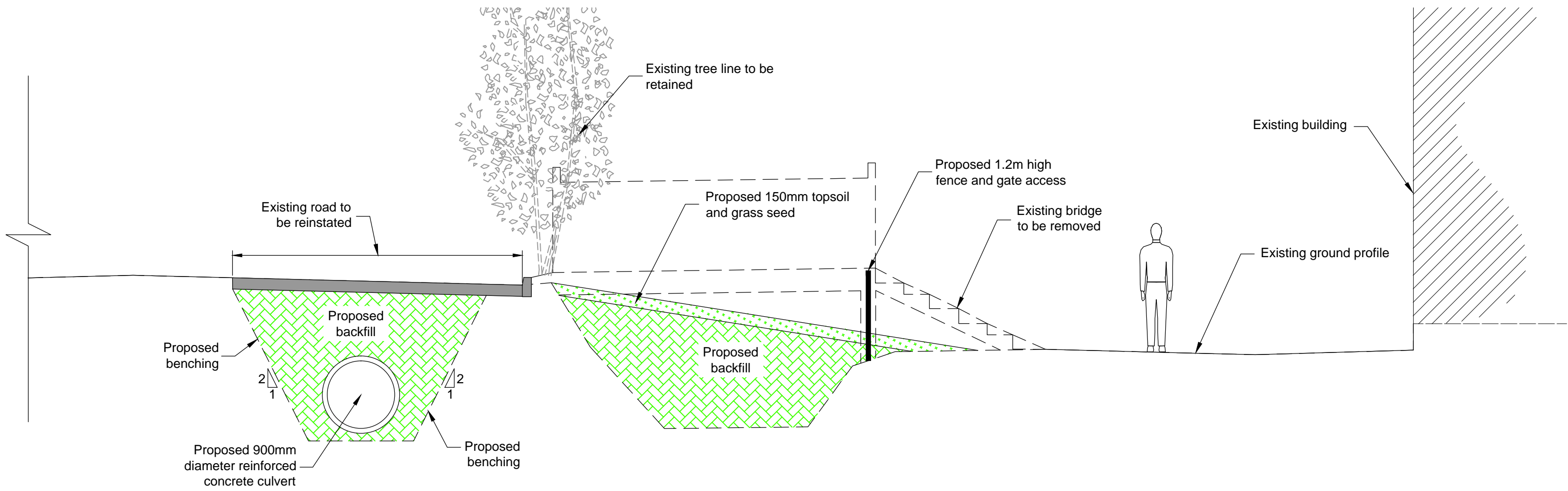
Tel +353 (0) 1 647 6000
Fax +353 (0) 1 661 0747



C09.1 Cross Section (Cúil Chluthair)
Scale 1:50



C01.1 Cross Section (Sallybrook)
Scale 1:50



C10.1 Cross Section (Sallybrook House)
Scale 1:50

- 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.

Drg. No. GR_301 Proposed Sections (Sheet 1 of 8)

ARUP

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

Tel: +353 (0)21 4277670
Fax: +353 (0)21 4277245



24 Grove Island,
Corbally,
Co. Limerick,
Ireland.

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



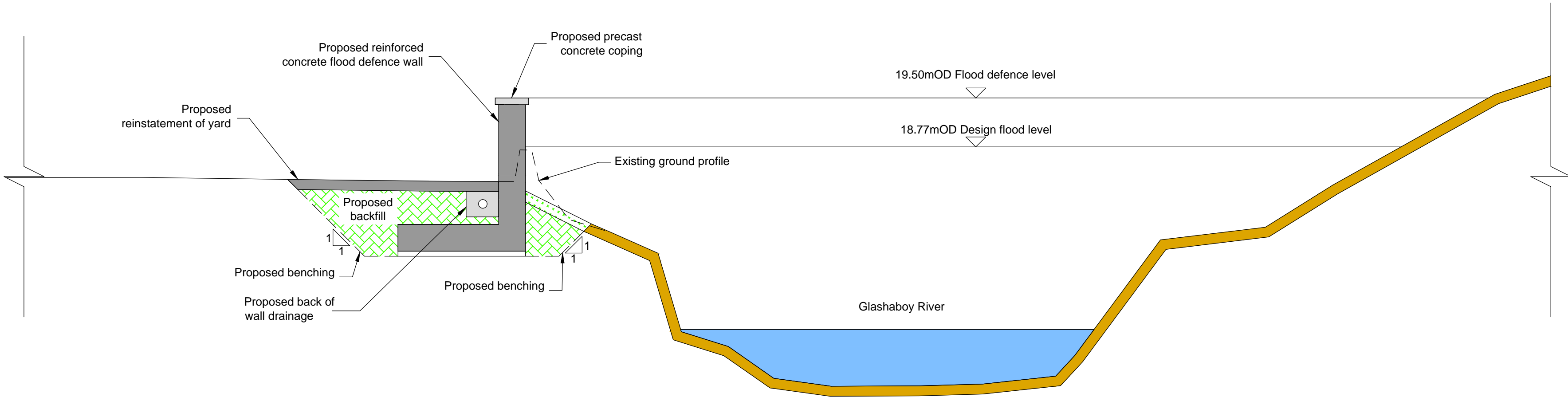
Cork County Council Headquarters,
County Hall,
Carrigrohane Road,
Cork, Ireland.

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

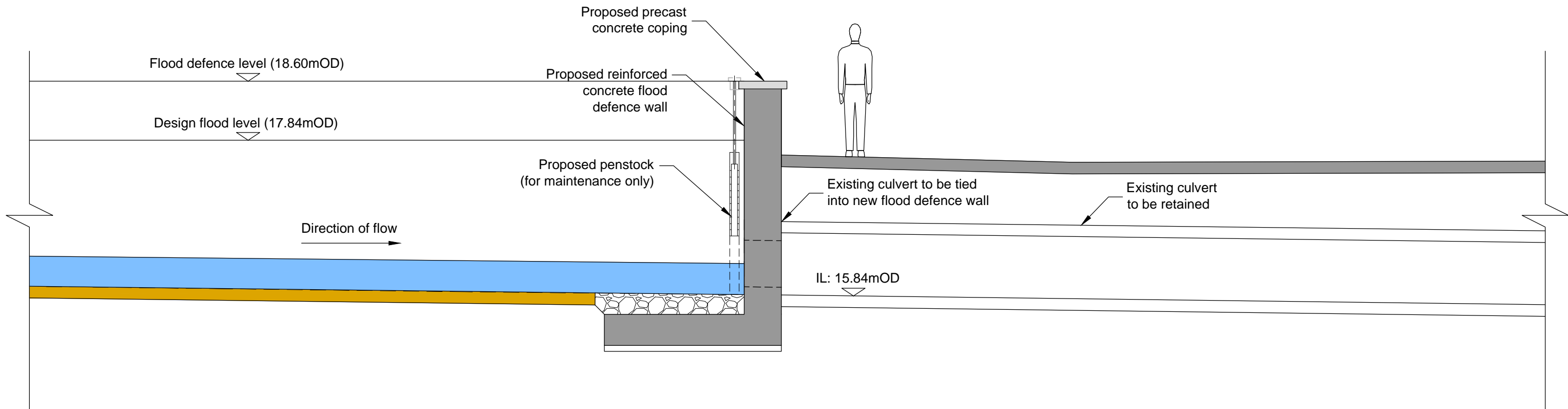


51 St. Stephen's Green,
Dublin 2,
Ireland.

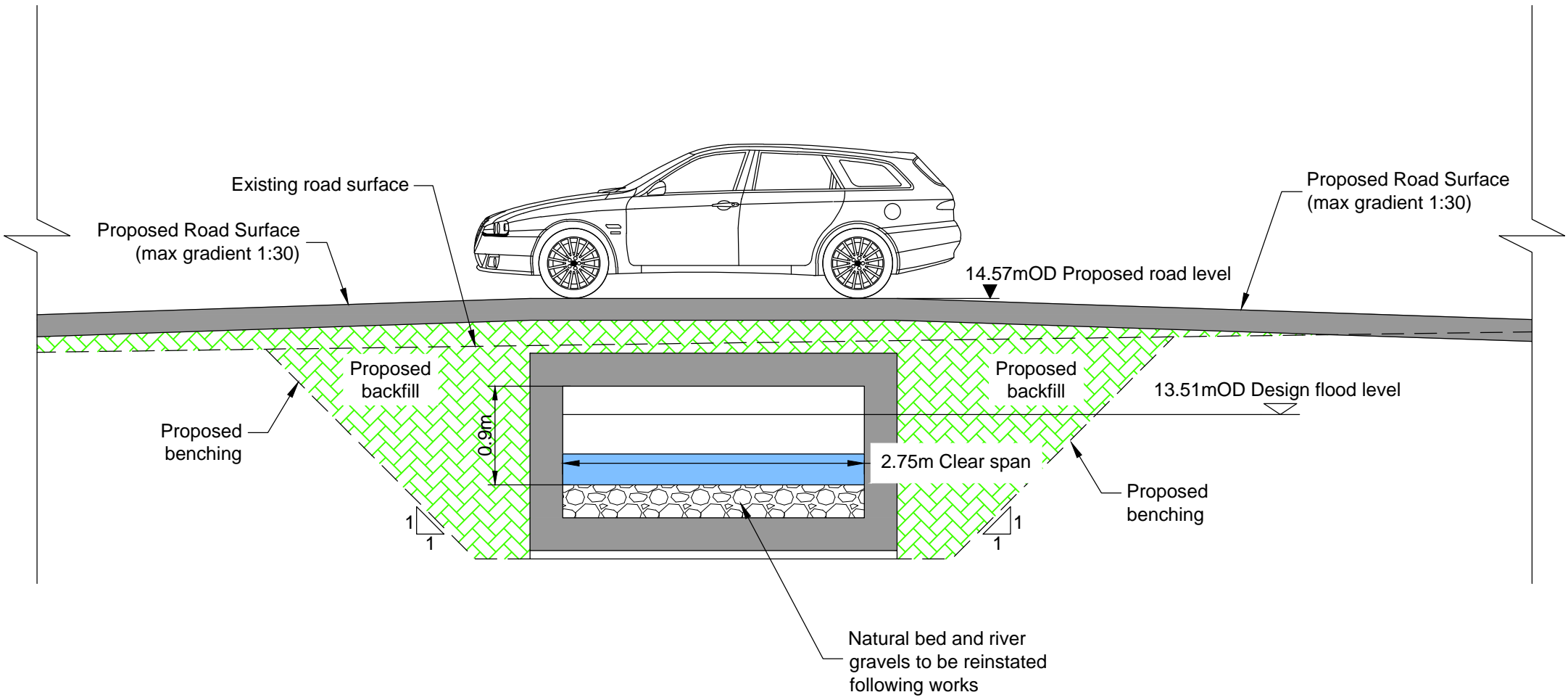
Tel: +353 (0) 1 647 6000
Fax: +353 (0) 1 661 0747



C01.2 Cross Section (Sallybrook)
Scale 1:50



C08.1 Cross Section (Grandon's Car Sales)
Scale 1:50



C07.1 Cross Section (Cois Na Gleann Stream)
Scale 1:50

- 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.

Drg. No. GR_302 Proposed Sections (Sheet 2 of 8)

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



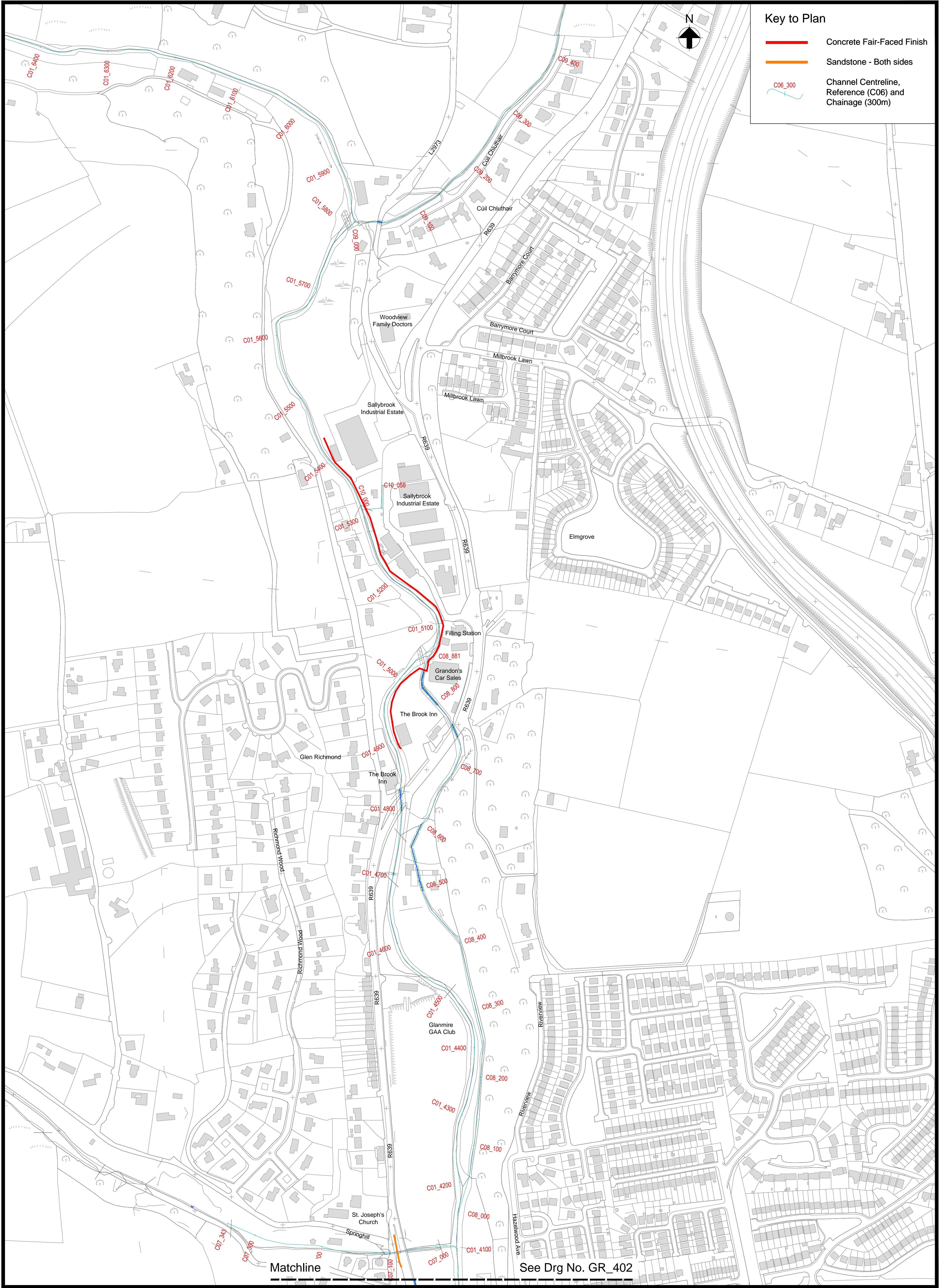
Cork County Council Headquarters,
County Hall,
Carrigrohane Road,
Cork, Ireland.

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



Location Plan

10 30 50
0 20 40 100 Metres

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

Drg. No. GR_401 Proposed Flood Defence Works Finishes (Sheet 1 of 3)

- 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.

ARUP

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



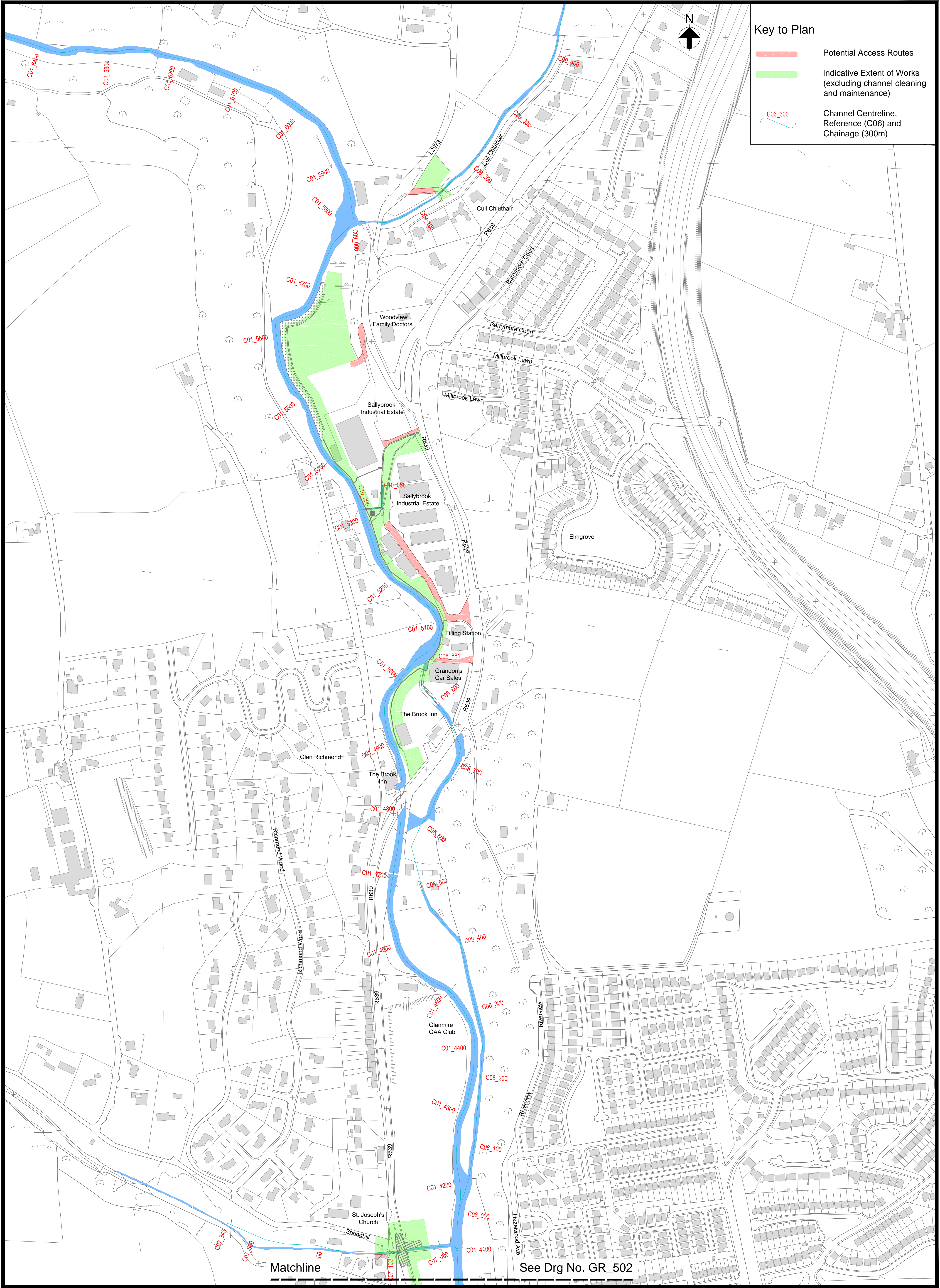
24 Grove Island,
Corbally,
Co. Limerick,
Ireland.
Tel + 353 (0) 61 345463
Fax + 353 (0) 61 280146



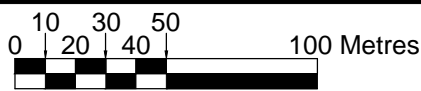
Cork County Council Headquarters,
County Hall,
Carrigrohane Road,
Cork, Ireland.
Tel: + 00 353 (0) 21 4276891
Fax: + 00 353 (0) 21 4276321



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



Location Plan



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

Drg. No. GR_501 Possible Access Routes and Works Areas (Sheet 1 of 3)

- 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.

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