

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.

- 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.

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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)
-  Existing Bridge/Culvert to be Retained

Key Plan

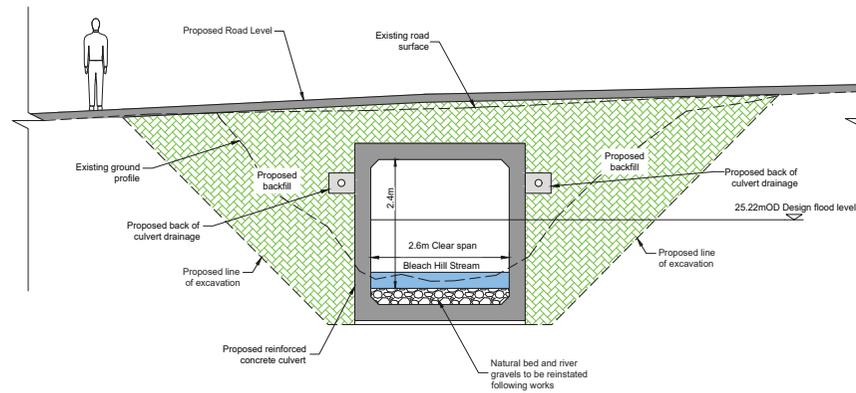
Drg. No. GR\_217 Proposed Flood Defences - Plan Layout (Sheet 17 of 17)

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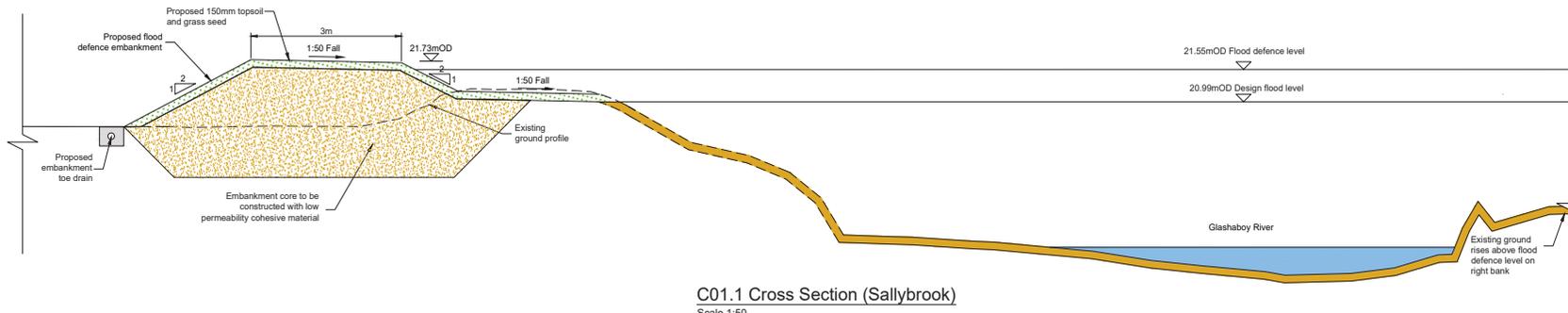
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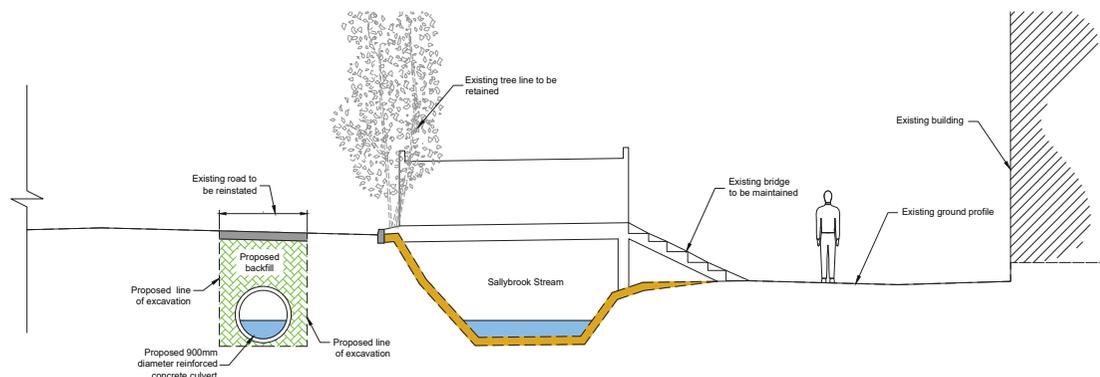
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C09.1 Cross Section (Cúil Chluthair)  
Scale 1:50



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

Dr. No. GR\_301 Proposed Flood Defences - Proposed Sections (Sheet 1 of 8)



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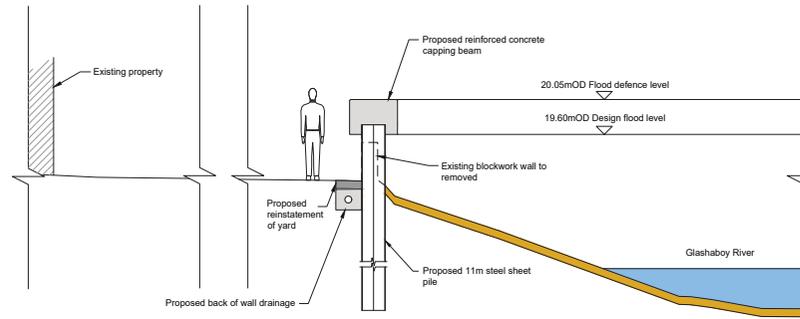
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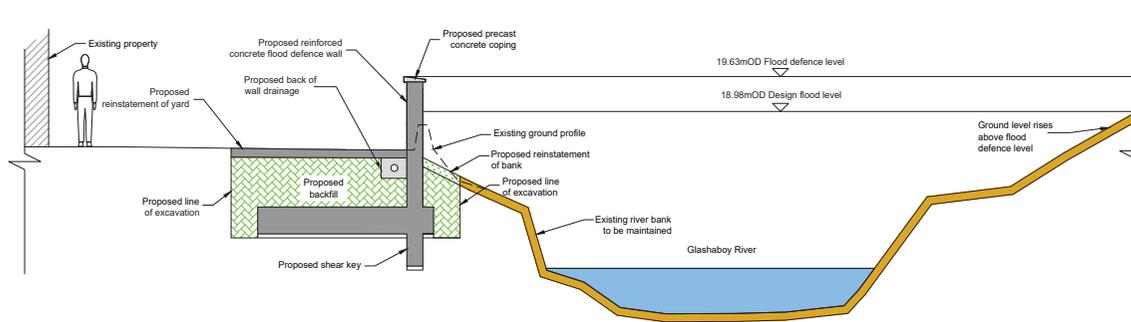
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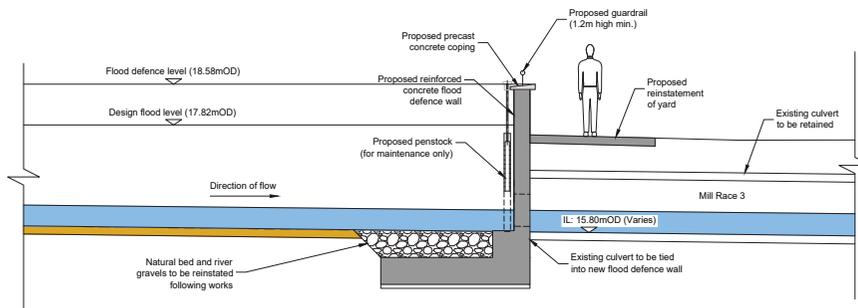
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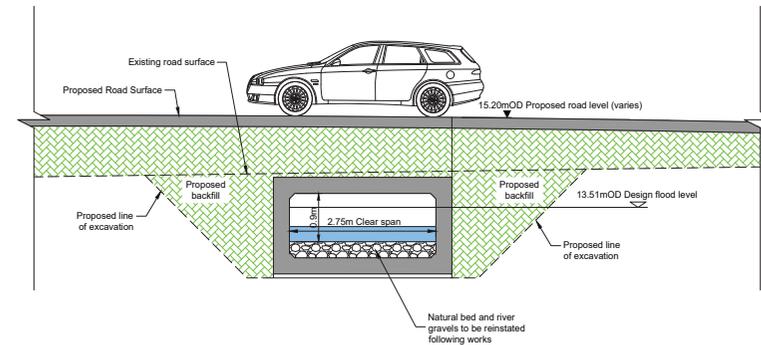
**C01.1a Cross Section (Eurofins Ireland)**  
Scale 1:50



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

Drq. No. GR\_302 Proposed Flood Defences - Proposed Sections (Sheet 2 of 8)

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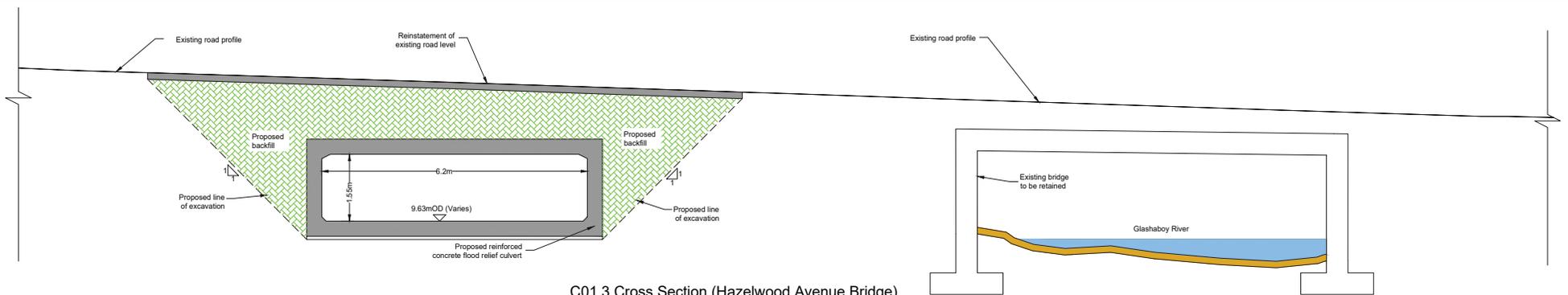
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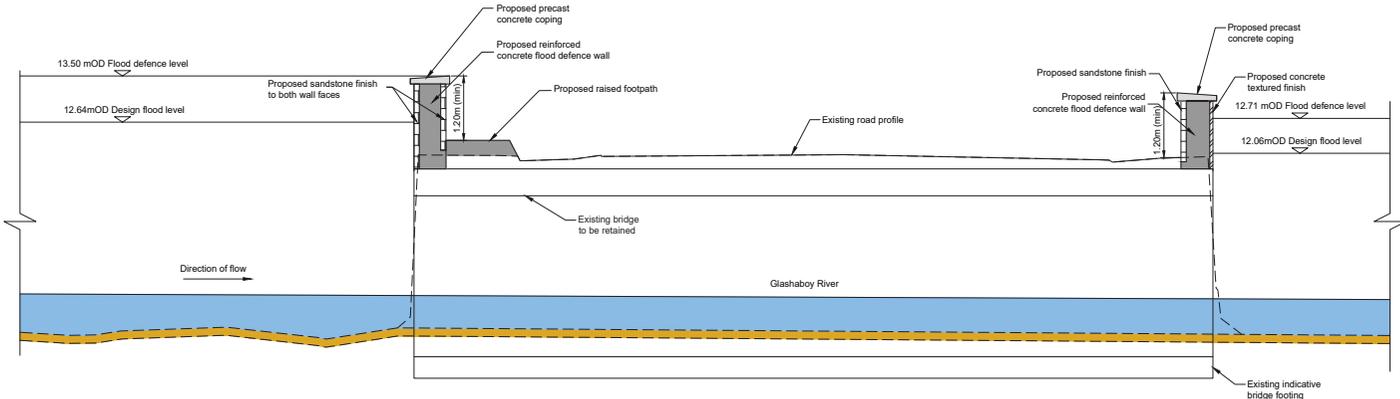
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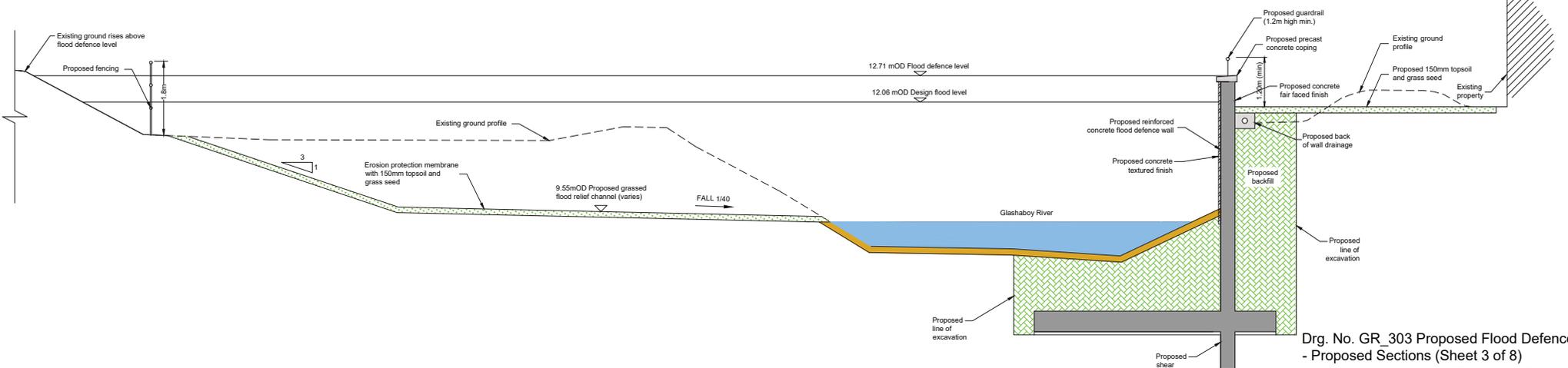
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C01.3 Cross Section (Hazelwood Avenue Bridge)  
Scale 1:50



C01.4 Cross Section (Hazelwood Avenue Bridge)  
Scale 1:50



C01.5 Cross Section (Shopping Centre Wall & Flood Relief Channel)  
Scale 1:50

Drg. No. GR\_303 Proposed Flood Defences - Proposed Sections (Sheet 3 of 8)

- 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.



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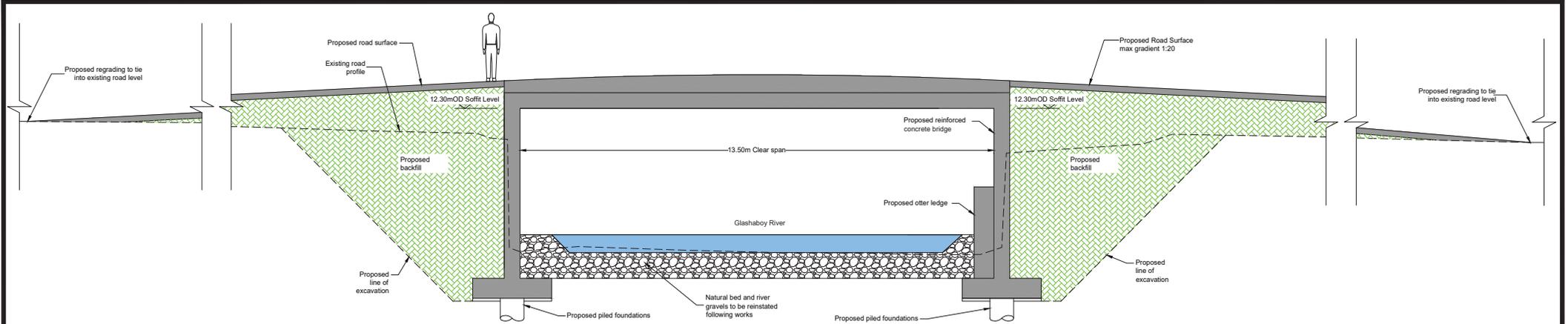
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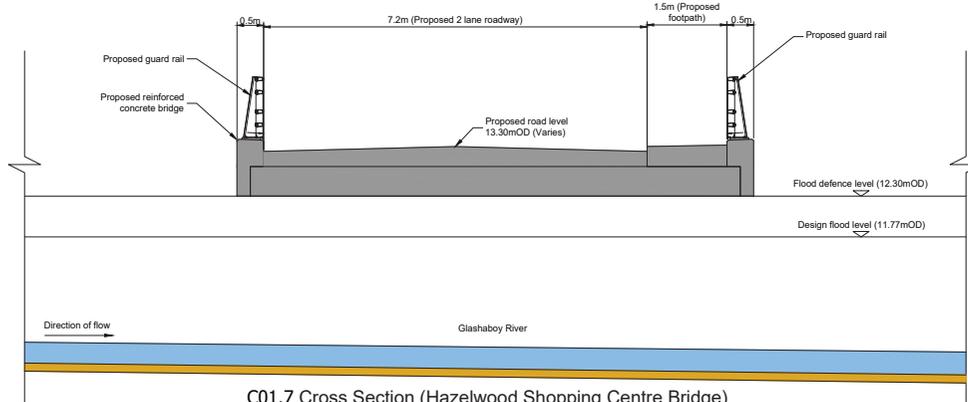


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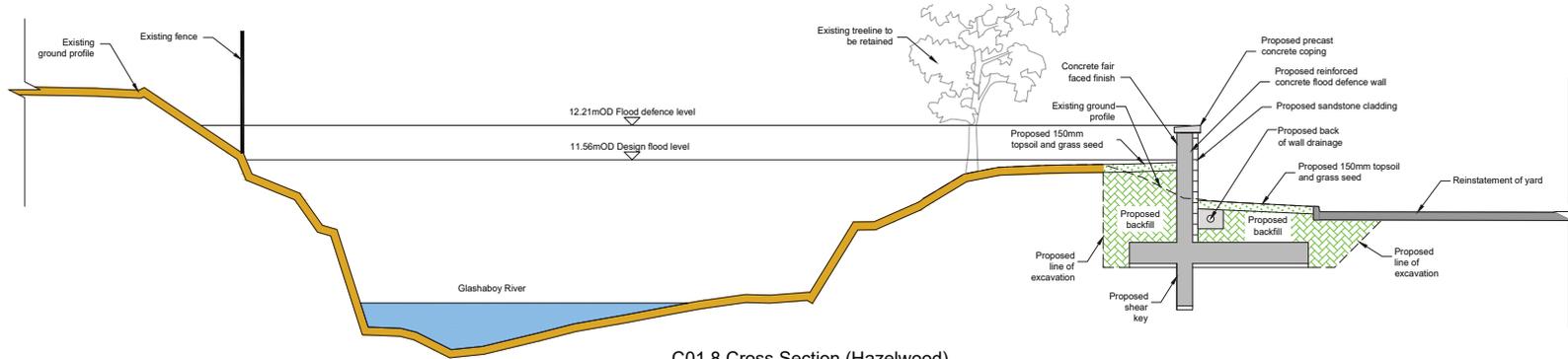
C01.6 Cross Section (Hazelwood Shopping Centre Bridge)

Scale 1:50



C01.7 Cross Section (Hazelwood Shopping Centre Bridge)

Scale 1:50



C01.8 Cross Section (Hazelwood)

Scale 1:50

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.

Drng. No. GR\_304 Proposed Flood Defences - Proposed Sections (Sheet 4 of 8)



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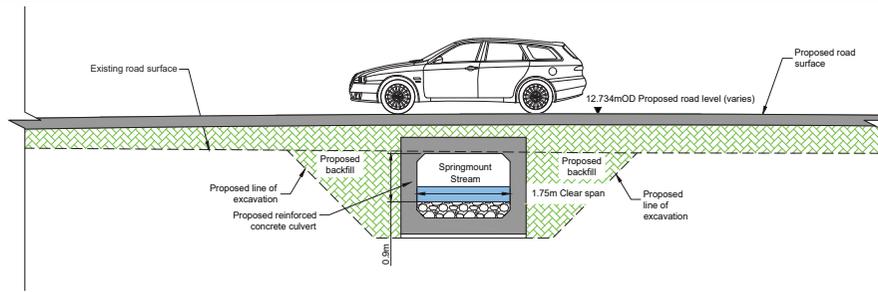
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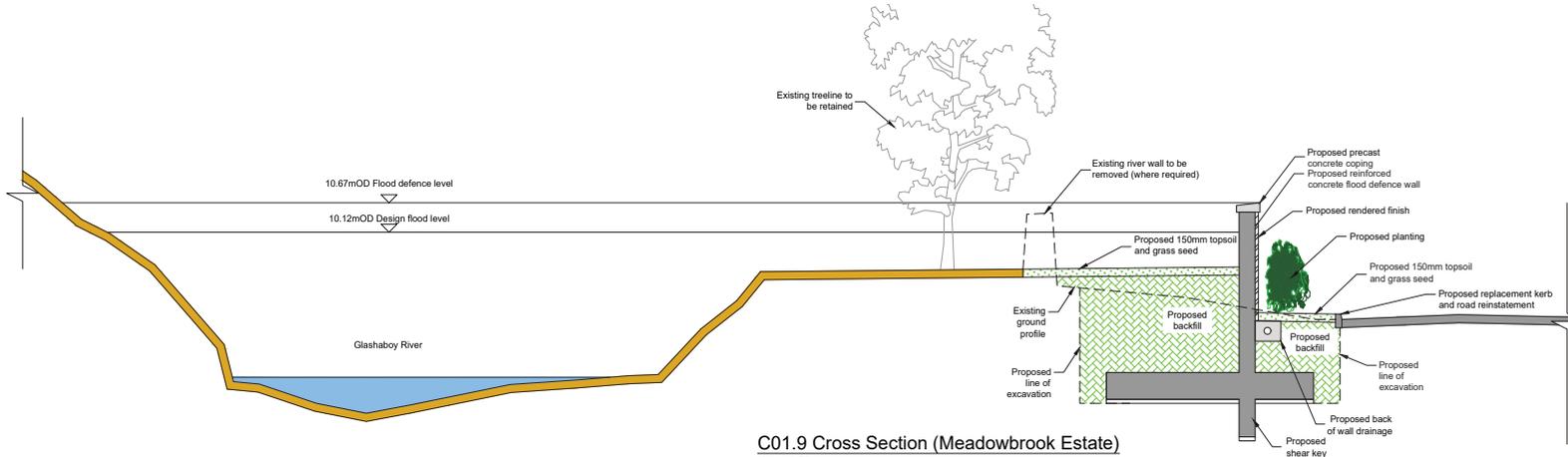
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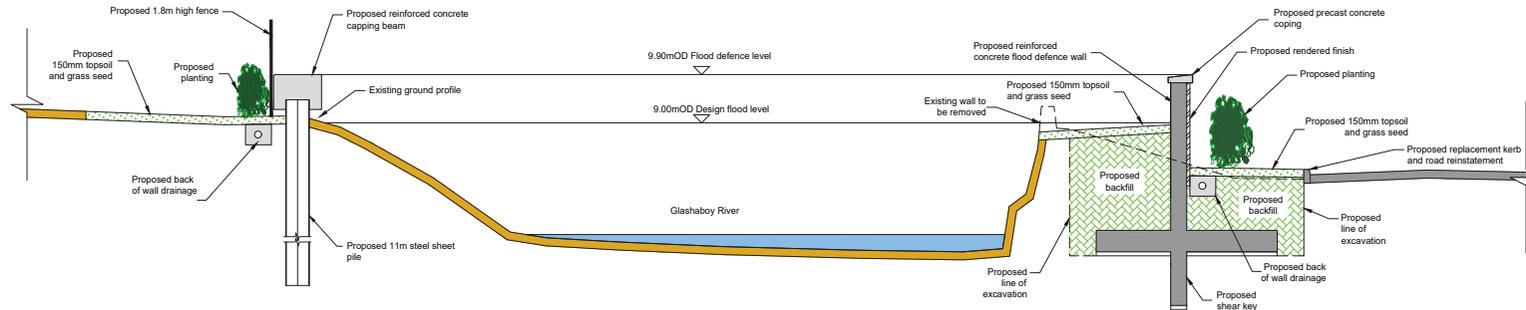
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**C06.1 Cross Section (R639 at Hazelwood Centre)**  
Scale 1:50



**C01.9 Cross Section (Meadowbrook Estate)**  
Scale 1:50



**C01.10 Cross Section (Meadowbrook)**  
Scale 1:50

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.

Dr. No. GR\_305 Proposed Flood Defences - Proposed Sections (Sheet 5 of 8)



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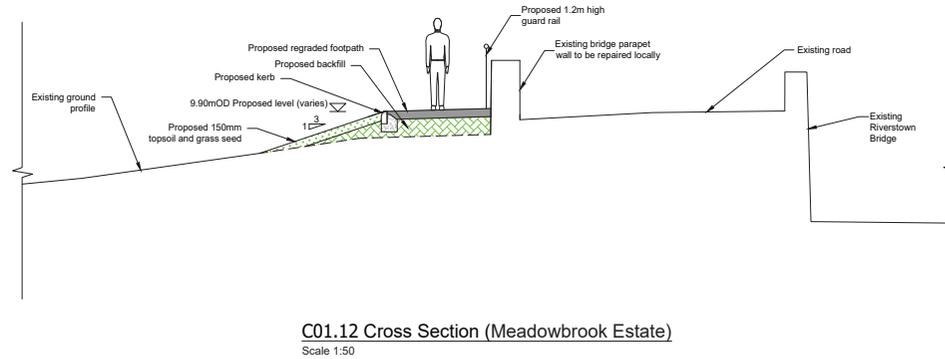
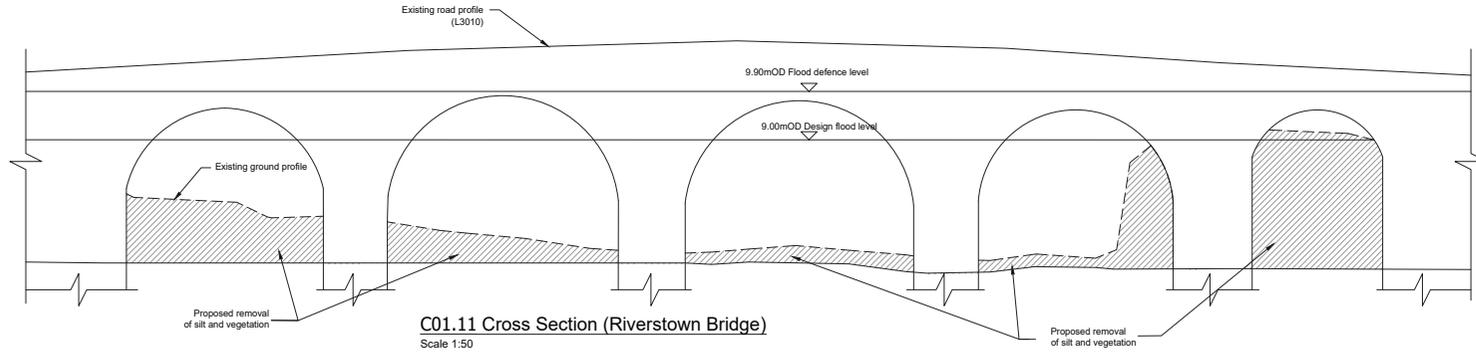
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Notes:

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\_306 Proposed Flood Defences - Proposed Sections (Sheet 6 of 8)

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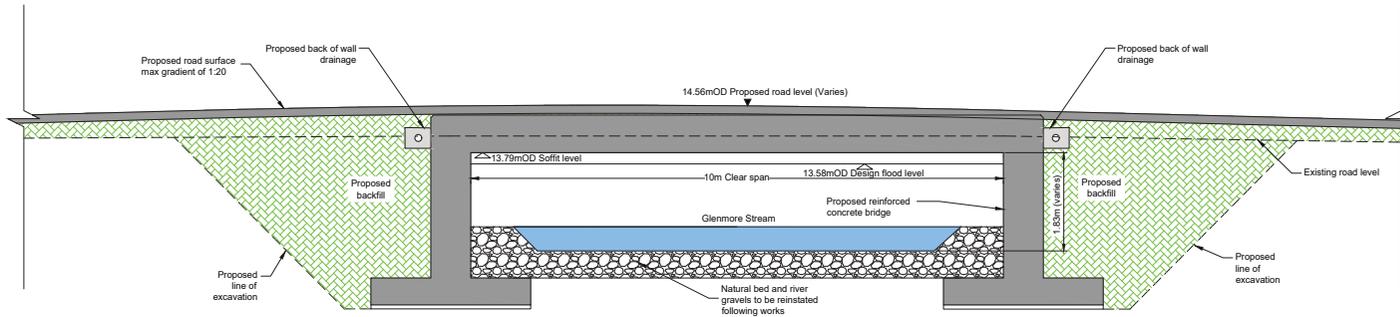
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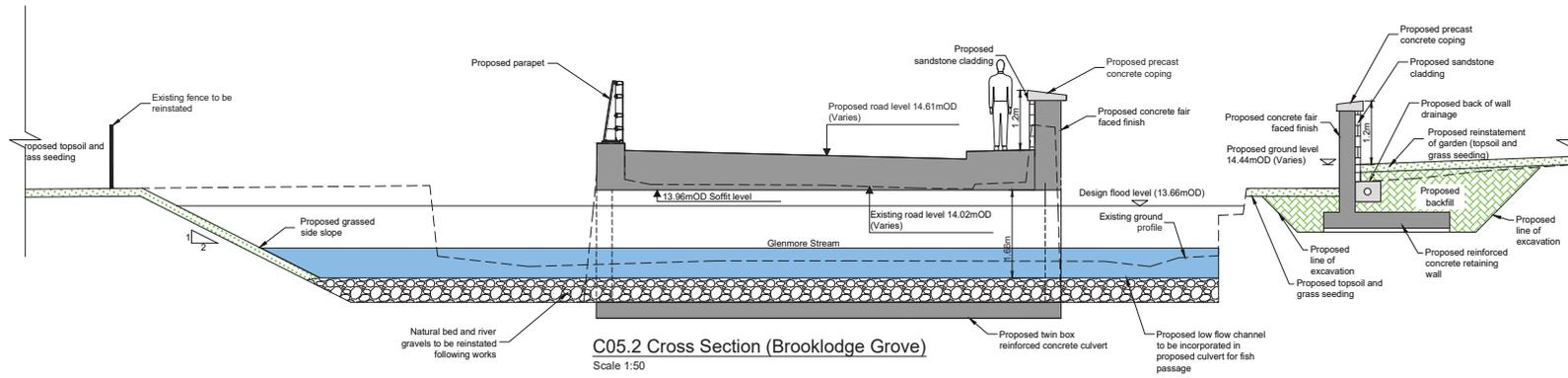
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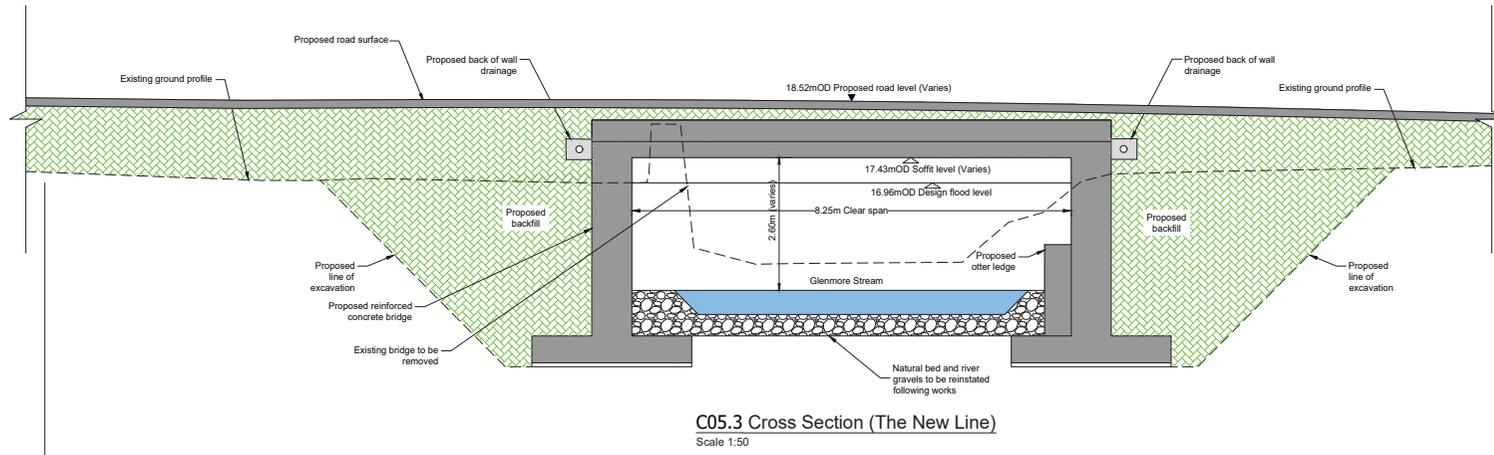
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**C05.1 Cross Section (Copper Valley Vue)**  
Scale 1:50



**C05.2 Cross Section (Brooklodge Grove)**  
Scale 1:50



**C05.3 Cross Section (The New Line)**  
Scale 1:50

- 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\_307 Proposed Flood Defences - Proposed Sections (Sheet 7 of 8)



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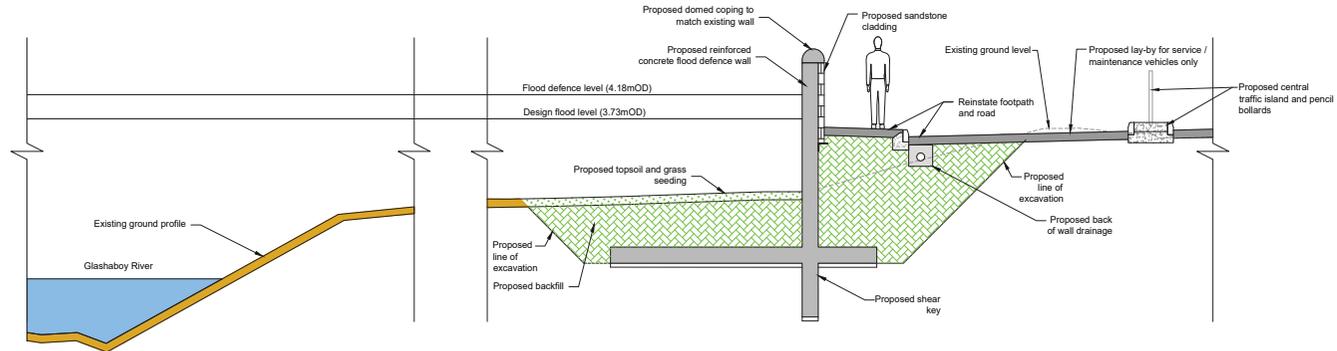
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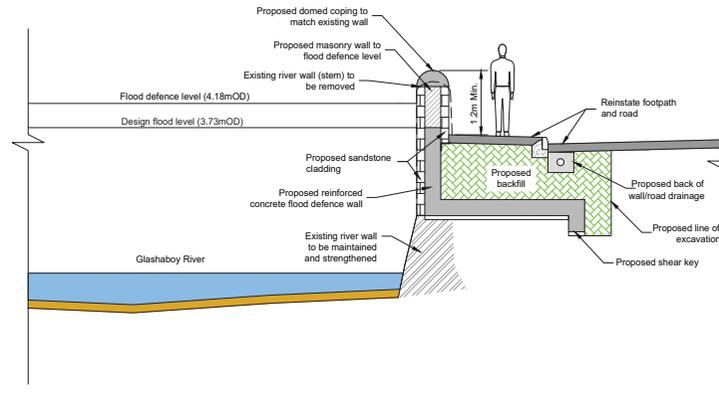
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**C01.13 Cross Section (The Grove)**  
Scale 1:50



**C01.14 Cross Section (The Grove)**  
Scale 1:50

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.

Dr. No. GR\_308 Proposed Flood Defences - Proposed Sections (Sheet 8 of 8)



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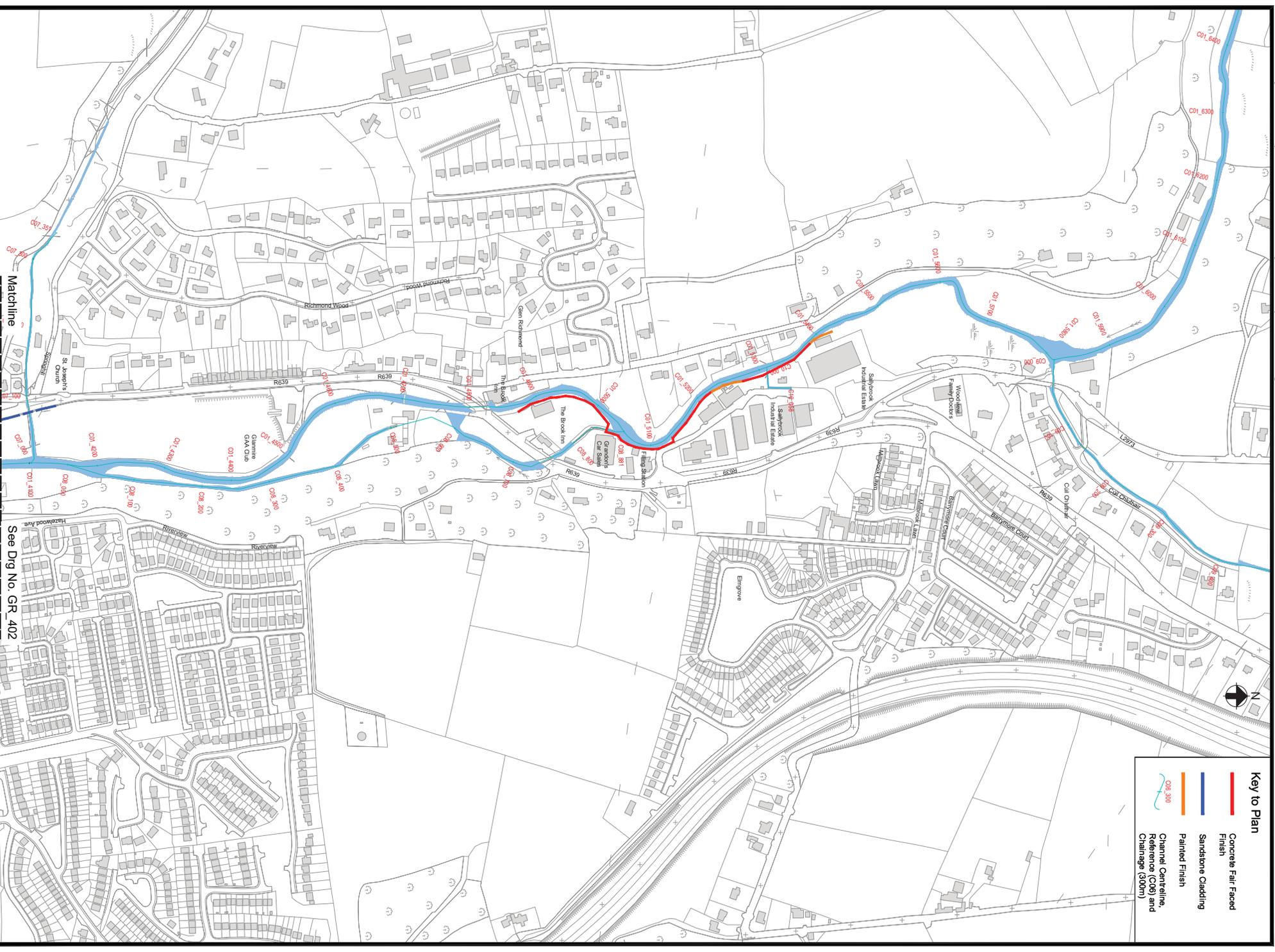
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**Key to Plan**

	Concrete Fair Faced Finish
	Sandstone Cladding
	Painted Finish
	Channel Centreline, Reference (CO9) and Chaiange (60m)



Matchline

See Dig No. GR\_402

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



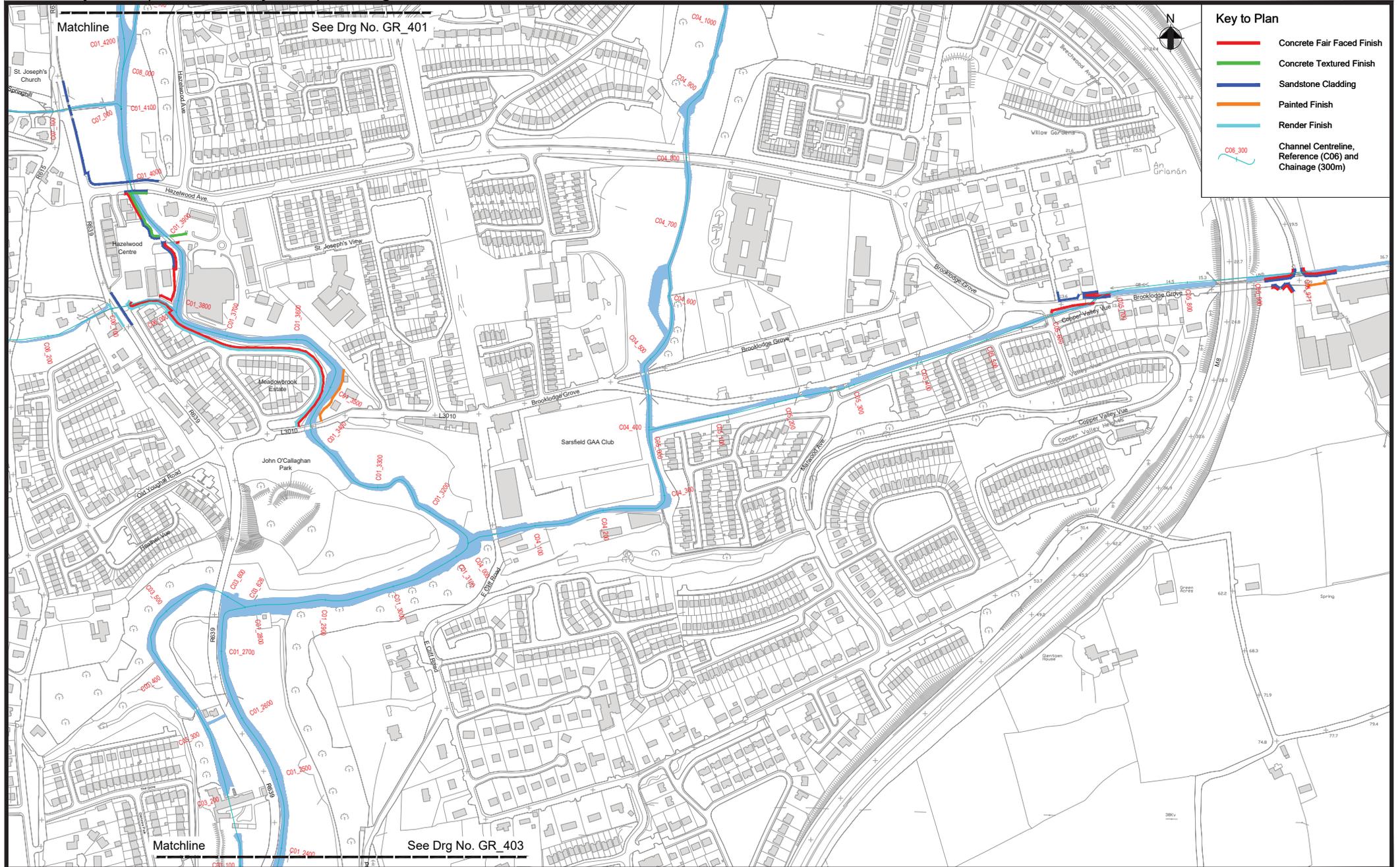
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Dwg. No. GR\_401 Proposed Flood Defence Works Finishes (Sheet 1 of 3)

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 Fax: +852 2219 2728



**Key to Plan**

	Concrete Fair Faced Finish
	Concrete Textured Finish
	Sandstone Cladding
	Painted Finish
	Render Finish
	Channel Centreline, Reference (C06) and Chainage (300m)

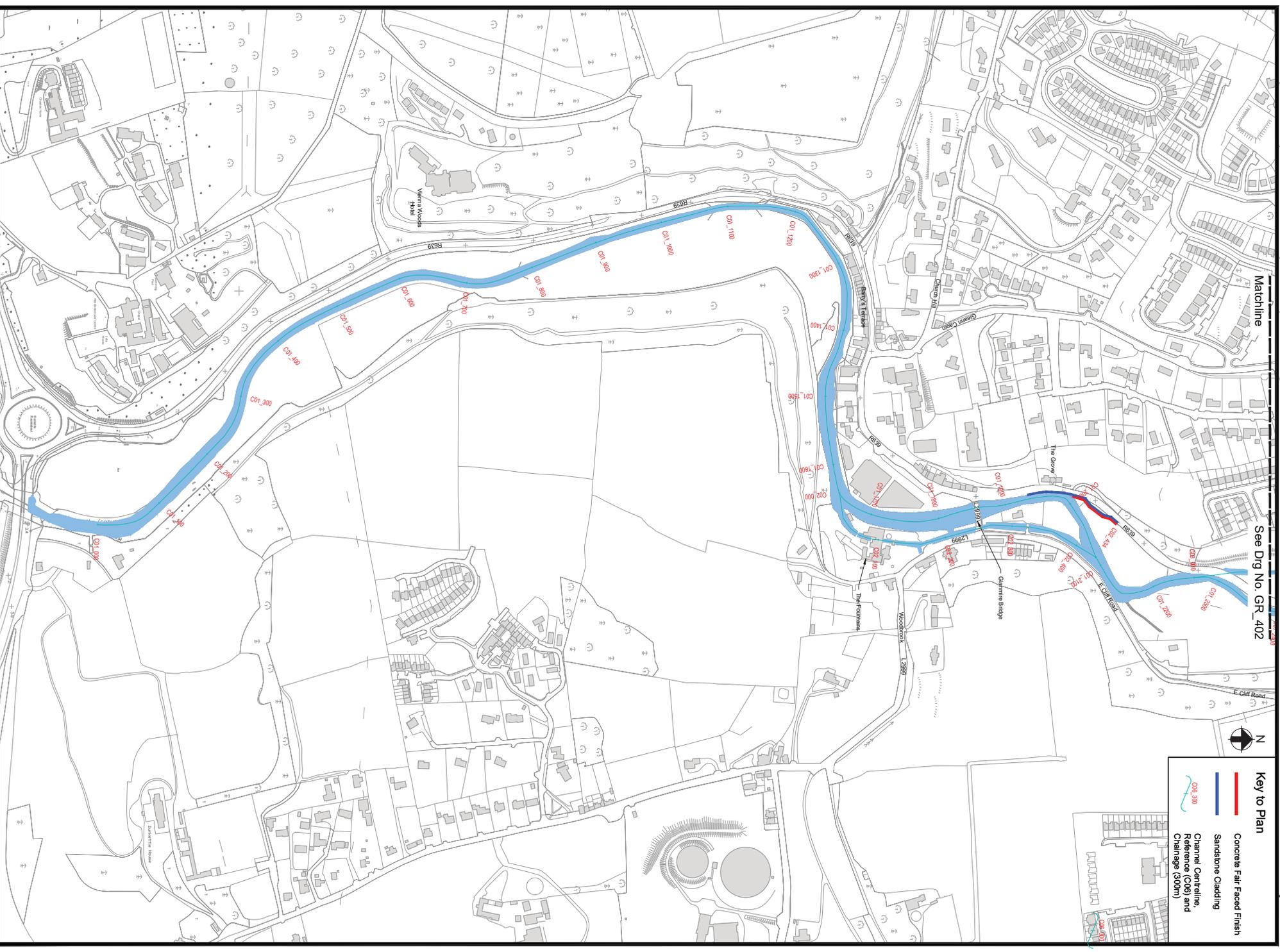
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 Location Plan



Drg. No. GR\_402 Proposed Flood Defence Works Finishes (Sheet 2 of 3) 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.

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Matchline

See Dig No. GR\_402

N

**Key to Plan**

	Concrete Fair Faced Finish
	Sandstone Cladding
	Channel Centreline - Reference (C03) and Change (C02m)

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**Location Plan**

Notes:

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

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

Dwg. No. GR\_403 Proposed Flood Defence Works Finishes (Sheet 3 of 3)



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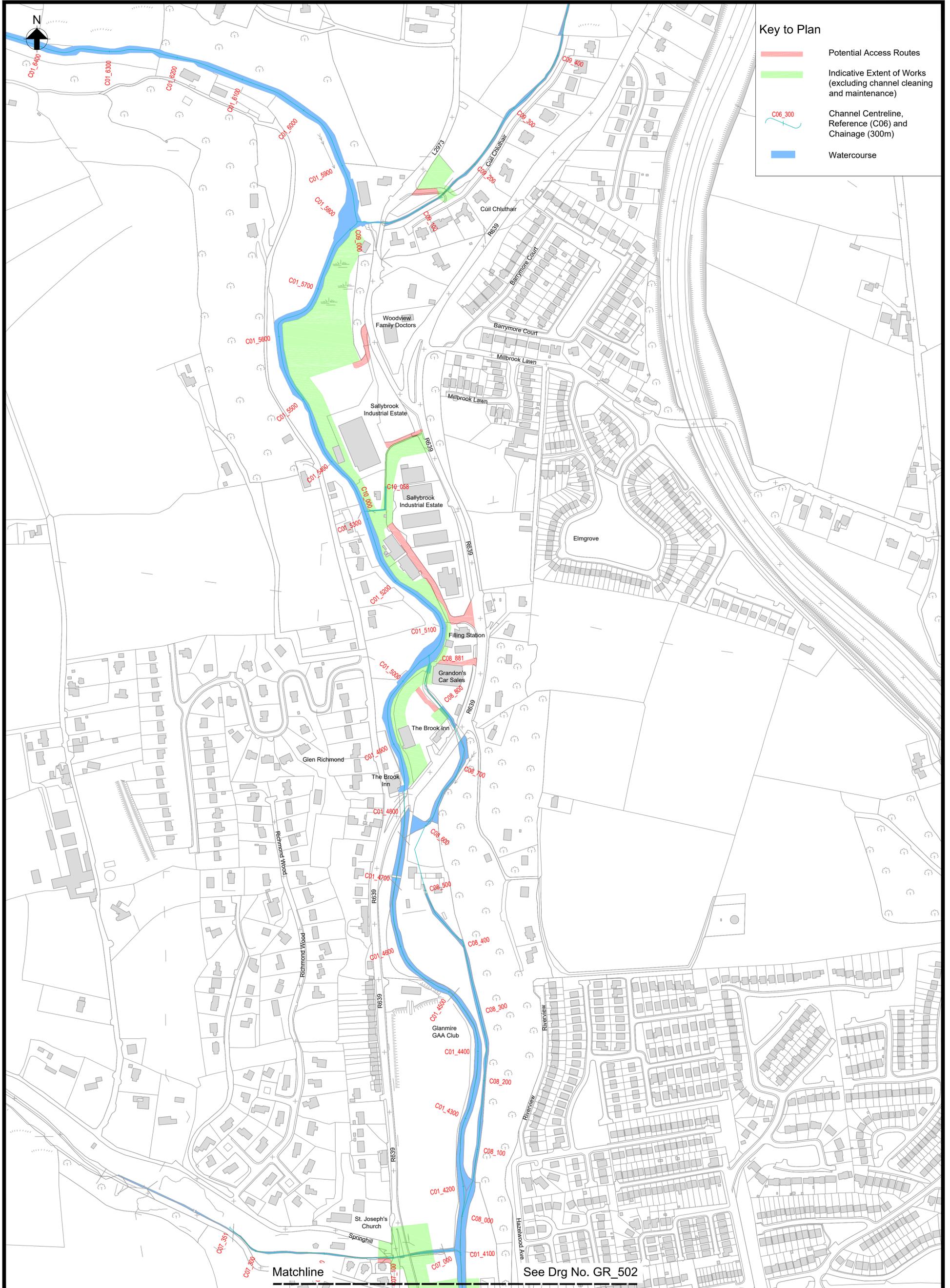
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Key to Plan	
	Potential Access Routes
	Indicative Extent of Works (excluding channel cleaning and maintenance)
	Channel Centreline, Reference (C06) and Chainage (300m)
	Watercourse

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Location Plan

- 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.



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Scale 1:5,000 at A3

Drg. No. GR\_501 Possible Access Routes and Works Areas (Sheet 1 of 3)



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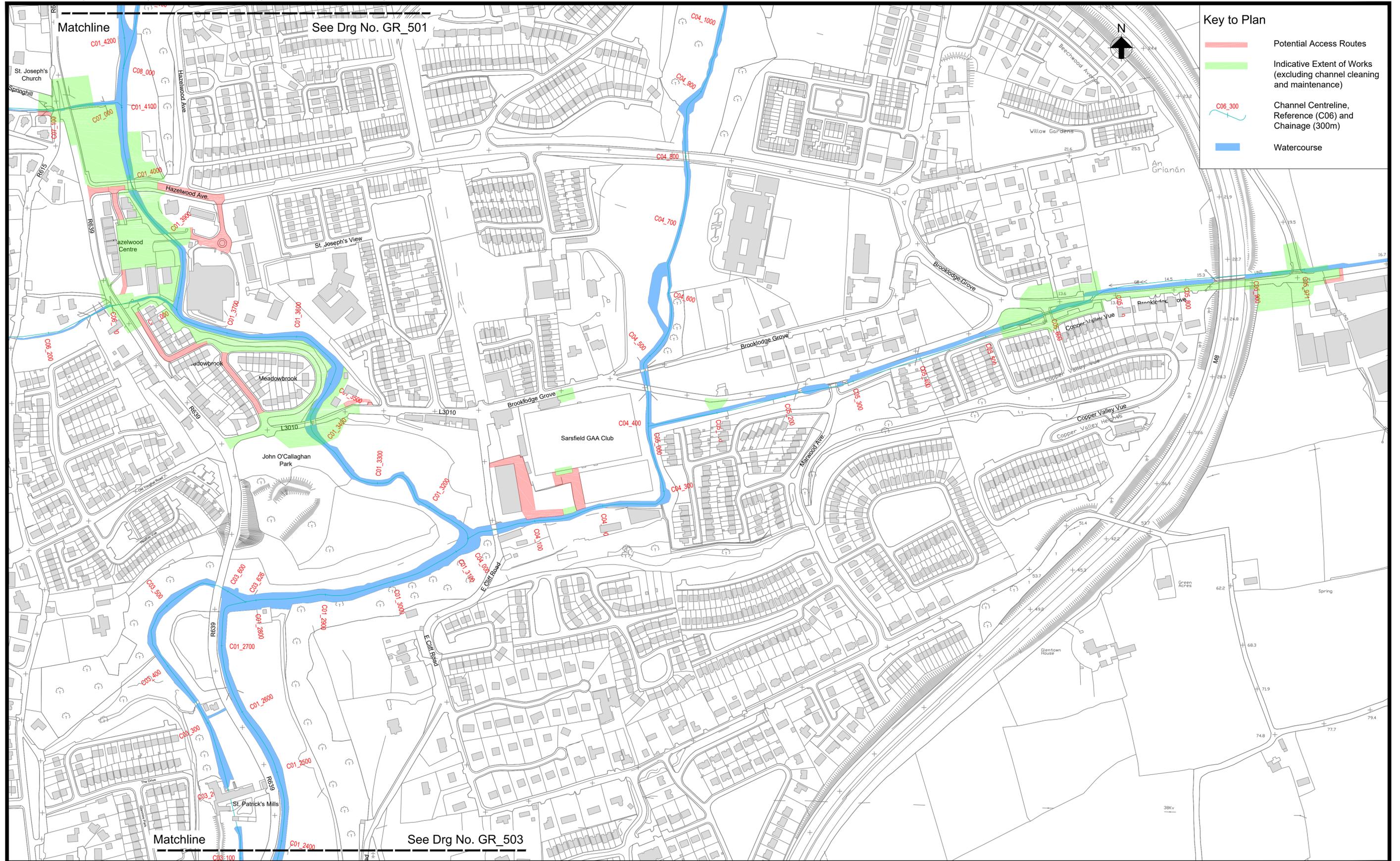
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 Location Plan

Drg. No. GR\_502 Possible Access Routes and Works Areas (Sheet 2 of 3)

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 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.

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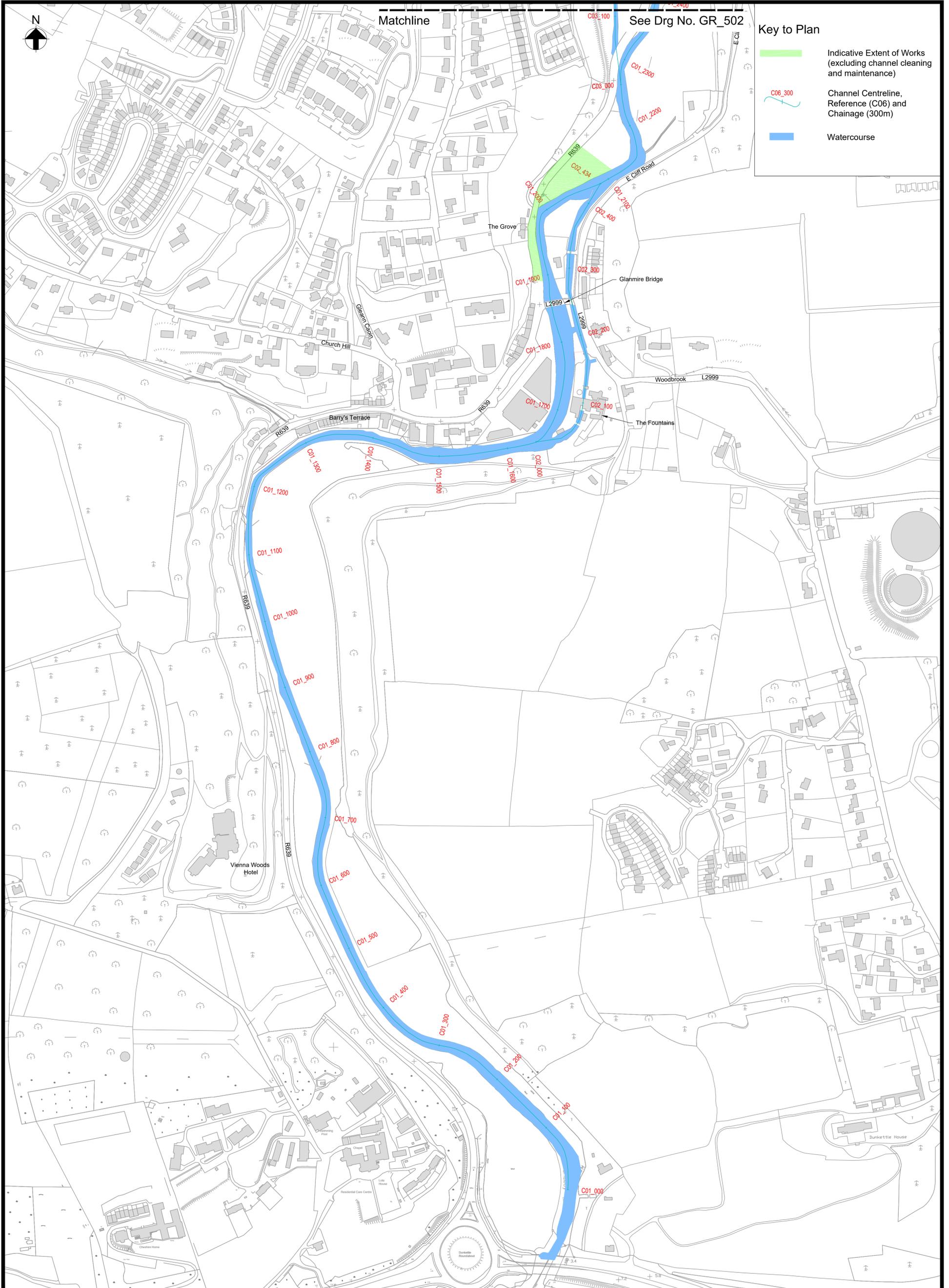
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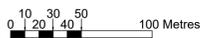
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1. Do not scale from drawing.
2. This drawing should be read in conjunction with all other Glashaboy River (Glanmire/Sallybrook) Drainage Scheme Confirmation Drawings and Schedules.



## **Appendix 3.2**

### **Tree Removal Report**



## **GLASHABOY RIVER (GLANMORE/SALLYBROOK) DRAINAGE SCHEME EIAR**

### **PROPOSED TREES TO BE REMOVED**

#### **Introduction**

DixonBrosnan were commissioned to carry out a tree survey as part of the assessment procedure for the Glanmire Flood Relief scheme. The survey was carried out along the lower reaches of the Glashaboy River and tributaries within the proposed works area. The total length of the survey area was 9,041m. The purpose of the survey for the EIAR assessment was as follows:

- Within the main works area there is very little scope to retain trees and therefore the focus in this area for the survey was to assess the number and type of trees affected. The majority of trees were tagged and described. The survey identified trees within 10m of the works area which could be potentially affected. Management recommendations were provided where required. This covered a length of 3,700m.

Following the results of the survey, the Arup environmental and engineering teams modified the design where possible to avoid trees where feasible. The drawings and table presented in this Appendix show just the trees which are proposed to be removed to facilitate the drainage scheme.

#### **Survey Methodology**

The survey was carried out from September 5-15, 2016. All trees are recorded on work areas with the exception of the some areas where unrecorded trees were low risk (C) of failure. The tree survey was also carried out within a 10 metre zone from the area within which construction works will be carried out. This was to assess the possible impacts on trees which lie on the periphery of the works area and which could be inadvertently damaged. All trees in excess of 150mm, at approximately 1.3metres height, were included in the survey. Recorded trees were numbered with plastic tags. Where possible the tag was placed at the downstream side of the tree at 1-2metres height. GPS Co-ordinates were recorded for each tree and where trees form natural groups, readings were taken from the middle of the group. All individual trees and groups are recorded on tree condition record forms and marked on drawings. Recommendations were made to fell, monitor or retain the trees and this information assisted the environmental and engineering teams to modify the design to try to avoid trees which were recommended to be retained. The survey key utilised for the survey, which is based on the guidelines outlined in the British Standard *BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations* as detailed below in **Table 1**.

#### **Statement of authority**

Carl Dixon M.Sc. is senior ecologist who has experience in ecological and woodland surveys. Mark Donnelly holds a BSc. (Hons) in Forestry from Bangor University, Wales and is a member of the Institute of chartered Foresters Society of Irish Foresters and is a registered Forester with the Irish Forest Service. He worked as an arboriculture consultant for The National Trust in Wales for 22 years and has worked as a lecturer in Forest Ecology at Bangor University. In Ireland he has undertaken a range of arboriculture and ecological surveys for projects including windfarms, quarries, housing developments, roads and pipelines.

### Cork County Council – Ongoing River Maintenance Project

It is noted that Cork County Council (CCC), as part of its responsibilities for ongoing river maintenance and flood prevention (which includes removing degrading, unstable and unsafe trees on the river edge) will be undertaking distinct separate works along the Glashaboy river and its tributaries between December 2017 until February 2018 and possibly December 2018 until February 2019. The proposed works will comprise the removal (and/or crowning) of trees by suitably qualified personnel along the Glashaboy River and its tributaries, with the Glashaboy Catchment. Some (of those trees identified for removal as part of those separate CCC works are also required to be removed to facilitate the Glashaboy Drainage scheme – these trees are marked with an asterix \* and the row is shaded in blue below.

**Table 1: Survey Key**

Attribute	Description
<b>Location</b>	The river side location for each tree or group of trees is recorded looking downstream as either Left (L) or Right (R). GPS Co-ordinates
<b>Species</b>	Recorded as common name. A full list is in <b>Appendix 1.</b>
<b>Age</b>	IM - An immature tree greater than 150mm diameter but regarded as a sapling SM - Semi mature tree – A young tree but less than 50% of its ultimate size. M - Mature – A tree having attained dimensions typical of a fully grown specimen of its species. OM – Over mature – An old specimen of a species showing signs of decline in health. Usual symptoms include crown starting to break up and decreasing in size.
<b>Girth</b>	Measured in mm. An average diameter was recorded for multi-stemmed stools and number of stems recorded
<b>Height</b>	Approximate tree height in metres.
<b>Spread</b>	Approximate tree canopy diameter in meters. Where a crown is unbalanced, approximate dimensions for the crown are given for North, East, South and West directions.
<b>Condition:</b>	Good : Full healthy canopy with good form and health Fair: A specimen whose overall condition is typical of the site and may exhibit slightly reduced leaf cover/minor deadwood or maybe predisposed to defects e.g. Coppice re-growth, but otherwise in good health. Poor: A specimen which through defect or disease has a limited longevity, dead or may be un-safe.
<b>Risk code - Risk Assessment (Adapted from International Society of Arboriculture (ISA) Tree Risk Accepted Methodology)</b>	<b>A:</b> High Risk – Failure likely to, or very likely to occur with severe consequences/impacts on people and or property. <b>B:</b> Medium risk – Failure could occur but is unlikely during normal weather conditions within short to medium term (0-5yrs). Regular monitoring is necessary. <b>C:</b> Low Risk – Failure unlikely during Short- Medium term (0-5 years). Regular monitoring is necessary.

**PROPOSED TREES TO BE REMOVED WHICH ARE LOCATED WITHIN THE WORKS AREAS****SALLYBROOK – UNNAMED CHANNEL** Read in conjunction with Figure 1 (Appendix 3.2b)

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments	
		N	W					N	E	S	W				
	359	515652 4	0823960	Alder	SM	200	15			8			Good	C	Group of 30 trees.
L	368	51 56 581	08 23 912	Sweet Chestnut	M	850	12			12			Good	C	Pollarded
L	369	51 56 583	08 23 903	Sweet Chestnut	M	1,200	15			10			Good	C	Adjacent to road, pollarded

**SALLYBROOK – GLASHABOY RIVER** Read in conjunction with Figure 1 (Appendix 3.2b)

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
L	391	51 56 689	08 24 037	Oak	SM	350	12				10	Good	A	Over run
L	390	51 56 689	08 24 037	Sycamore	SM	250	10				12	Good	A	Over the river
L	389	51 56 673	08 24 057	Alder	M	800	12				10	Fair	A	2 stems in river
L	388	51 56 672	08 24 060	Ash	M	380	20				10	Fair	A	Over river
L	386*	51 56 641	08 24 073	Ash	M	450	20				15	Poor	A	3 stems over river
L	385	51 56 634	08 24 065	Sycamore	M	400	18				10	Good	A	3 stems
L	384	51 56 628	08 24 065	Alder	M	350	15				10	Good	A	Over river
L	383	51 56 621	08 24 061	Alder	SM	280	12				12	Good	A	Over river
L	382*	604 -	042 -	Elm	SM	280	15				10	Poor	A	In river. Dead
L	381*	51 56 602	08 24 042	Elm	SM	220	15				10	Poor	A	In river
L	380*	51 56 595	08 24 036	Ash	M	410	18				10	Good	A	1 limb only
L	378*	51 56 584	08 24 029	Ash	M	350	18				10	Good	A	Over river 3 stems
L	379*	51 56 581	08 24 031	Hawthorn	M	150	10				5	Good	A	Over river
L	375*	039	772	Ash	M	300						Poor	A	In channel
L	372*	51 56 537	08 23 974	Sycamore	M	350	18				10	Good	A	Over river
L	371*	51 56 534	08 23 972	Ash	M	370	18				10	Good	A	4 stems
L	350*	51 56 473	08 23 931	Sycamore	SM	360	15				10	Fair	A	2 stems Rot
L	348*	51 56 464	08 23 914	Alder	M	500	15				10		A	Undermined

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
L	346*	51 56 462	08 23 908	Sycamore	M	500	18				10	Good	A	Leaning over channel
L	344*	51 56 457	08 23 900	Elm	M	380	15				10	Good	A	
L	339*	51 56 459	08 23 890	Alder	M	550	18				10	Fair	A	2 stems. Undermined
L	338*	51 56 453	08 23 887	Sycamore	M	400	18				10	Fair	A	Undermined
L	336*	51 56 414	08 23 878	Crack Willow	SM	160	8			5		Poor	A	8 stems group – damaged

**SALLYBROOK – GLASHABOY RIVER** **Read in conjunction with Figure 2 (Appendix 3.2b)**

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
L	323	51 56 328	08 23 923	Sycamore	SM	220	18				10	Good	B	3 stems
L	322	51 56 326	08 23 922	Sycamore	SM	250	18				10	Good	B	2 stems
L	321*	51 56 322	08 23 921	Sycamore	SM	350	18				10	Fair	A	2 stools rot 7 stems

**GLASHABOY RIVER – NORTH OF HAZELWOOD AVENUE BRIDGE** **Read in conjunction with Figure 3 (Appendix 3.2b)**

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
L	008*	5153 924	0823 843	Elm	SM	300	14				5	Good	B	Over river
L	007*	5153918	0823841	Sycamore	SM	280	20				10	Good	A	2 stems over river
L	006*	5153 909	0823838	Elm	SM	400	12		6			Poor	A	Dead
L	003	902	839	Sycamore	M	540	23		15			Good	B	2 trees undermined
L	005*	5153 907	0823839	Willow	M	340	10	5				Poor	A	Decay at base
L	004*	5153 898	0823838	Sycamore	M	540	25		15			Poor	A	Multistemmed. Decay at base
L	015	51 55 892	08 23 345	Elm	SM		8				5	Good	C	
R	014	51 55 887	08 23 840	Willow	M	180	6	8				Fair	C	Multistemmed
R	013	51 55 887	08 23 839	Alder	SM	220	6		4			Good	C	Multistemmed

**IN FIELD NEXT TO R639 NORTH OF HAZELWOOD AVENUE BRIDGE** Read in conjunction with Figure 3 (Appendix 3.2b)

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
In Field next to R639	006	51 55 917	08 23 892	Elm	SM	600	7			3		Poor	C	Pollarded, Elm Disease
	007	51 55 916	08 23 893	Sycamore	SM	300	7			3		Fair	C	3 Stems, Pollarded
	008	51 55 910	08 23 891	Elm	SM	350	7			3		Poor	C	Pollarded, Elm Disease
	009	51 55 901	08 23 881	Elm	SM	350	5			3		Dead	C	Dead
	010	51 55 897	08 23 885	Sycamore	SM	350	5			3		Poor	C	Pollarded, Multistemmed
	011	51 55 888	08 23 871	Ash	IM	270	8			8		Fair	C	Multistemmed
	012	51 55 888	08 23 852	Ash	SM	470	9			8		Good	C	Multistemmed

**GLASHABOY RIVER SOUTH OF HAZELWOOD AVENUE BRIDGE including MEADOWBROOK & RIVERSTOWN BRIDGE**
Read in conjunction with Figure 3 (Appendix 3.2b)

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
Roadside	133	51 55 880	08 23 840	Alder		220	12		7			Good	C	2 Stems
R	281	51 55 874	08 23 814	Alder	SM	250	18		10			Good	C	8 Stem, 1 Sycamore
L	21	51 55 872	08 23 819	Willow	M	250	5				5	Fair	B	Leaning over river
L	20	51 55 875	08 23 827	Alder	SM	210	10		8			Good	C	4 Stems
L	22	51 55 871	08 23 820	Alder	SM	350	12				12	Good	B	
L	23	51 55 873	08 23 815	Elm	SM	350	15		8			Good	B	Healthy
R	283	51 55 859	08 23 811	Alder	SM	220	15		10			Good	C	Undermined, 2 Trees, Hawthorn
L	24	51 55 873	08 23 815	Sycamore	SM	350	15		8			Good	C	
L	25	51 55 871	08 23 815	Alder	SM	350	15		12			Good	C	4 Stems
L	26	51 55 866	08 23 809	Willow	M	350	8		8			Fair	A	
R	31	51 55 852	08 23 798	Alder	SM	400	15		8			Fair	C	3 stem
R	32	51 55 850	08 23 794	Beech	M	1000	20		15			Good	B	Poor Form
L	41	51 55 820	08 23 764	Willow	M	310	10			15		Poor	A	3 stems, 1 sycamore
L	42	51 55 812	08 23 764	Sycamore	SM	280	10			8		Good	C	4 stems

PROPOSED TREES TO BE REMOVED WITHIN WORKS AREAS

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
L	43	129	832	Sycamore	M	650	23				12	Good	B	Over river
R	290	51 55 803	08 23 768	Alder	SM	240	15		5			Fair	C	+Ash
R	292	792	776	Ash	SM	260	18			10		Good	C	3 stems
R	52	51 55 783	08 23 763	Ash	IM	280	12			8		Good	C	1 tree

**SPRINGMOUNT STREAM** Read in conjunction with Figure 3 (Appendix 3.2b)

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
R	95*	51 55 793	08 23 794	Hawthorn	M	260	8		15			Poor	A	6 Stems
R	96	51 55 794	08 23 800	Ash	SM	300	15		10			Fair	C	2 Stems
R	97	51 55 774	08 23 817	Sycamore	SM	320	15		10			Good	C	
R	98	51 55 793	08 23 823	Ash	SM	340	15		10			Good	C	3 Stems
R	99	51 55 789	08 23 829	Sycamore	M	500	13		10			Good	C	8 Stems
R	100*	51 55 789	08 23 825	Elm	SM	470	15		10			Poor	A	Dead 3 Trees
R	48*	51 55 794	08 23 781	Sycamore	SM	460	18		12			Good	A	2 Stools, 3 Stems, In river
R	50*	51 55 790	08 23 780	Elm	IM	310	15	5				Poor	A	Dead

**GLASHBOY RIVER – SOUTH OF SPRINGMOUNT STREAM** Read in conjunction with Figure 3 (Appendix 3.2b)

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
R	53	51 55 778	08 23 738	Alder	IM	230	12		12			Good	C	5 Stems ( 1Ash)
R	293	51 55 789	08 23 773	Cypress	M	500	18		10			Poor	B	In Garden
R	295	51 55 784	08 23 754	Ash	SM	320	16		8			Good	C	
R	54*	51 55 780	08 23 752	Elm	IM	240	12		8			Good	A	Leaning over river
R	294	51 55 789	08 23 773	Sycamore	M	280	15		10			Good	C	2 Stem

**GLASHABOY RIVER AT MEADOWBROOK AND RIVERSTOWN** **Read in conjunction with Figure 3 (Appendix 3.2b)**

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread				Condition	Risk Code	Comments
		N	W					N	E	S	W			
L	85	51 55 746	08 23 577	Ash	SM	600	25				10	Good	B	3 ash Stems
L	86*	51 55 743	08 23 575	Ash	M	240	23				10	Good	A	2 ash Stems, over river
L	306	51 55 740	08 23 573	Alder	M	190	20			10		Poor	B	Over river
L	307	51 55 740	08 23 573	Ash	SM	150	20				10	Poor	B	Over river
L	87*	51 55 737	08 23 575	Sycamore	SM	450	20				10	Good	A	3 Stems in river
L	88	51 55 736	08 23 575	Sycamore	M	440	20				10	Good	B	
L	89	51 55 732	08 23 578	Beech	M	1300	30		25			Poor	A	Rot in Crown – reduce by 30%, Bat Survey required
L	90	51 55 731	08 23 581	Ash	SM	220	20		10			Good	C	
L	308*	51 55 727	08 23 577	Ash	M	330	20			8		Good	A	2 Stems
L	91*	51 55 729	08 23 581	Beech	M	800	20		25			Good	A	Multi-stemmed
L	92	51 55 725	08 23 584	Alder	IM	210	25		8			Good	C	
L	93	51 55 720	08 23 589	Sycamore	M	410	18		15			Good	C	3 Stems
L	94	51 55 713	08 23 595	Ash	SM	430	18		5			Good	A	2 Stems
PUBLIC AREA (LEFT BANK)	309*	51 55 709	08 23 594	Ash	M	350	20			15		Good	A	
	310	51 55 708	08 23 620	Cherry	M	300	9		6			Poor	B	
	311	51 55 702	08 23 639	Norway Maple	M	420	15		10			Fair	A	
	312	51 55 706	08 23 641	Lime	M	840	18			12		Good	B	
	313	51 55 706	08 23 643	Norway Maple	M	520	18		10			Good	B	
	314	51 55 706	08 23 650	Lime	M	450	18			12		Fair	B	Poor branching form
	315	51 55 705	08 23 653	Rowan	M	430	9		8			Fair	B	
	316	51 55 696	08 23 621	Birch	M	320	9		10			Good	B	

**GLENMORE STREAM AT COPPER VALLEY VUE ESTATE** Read in conjunction with Figure 4 (Appendix 3.2b)

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
R	176*	788	698	Elm	M	350	10	15				Good	B	2 stems
R	179	793	674	Alder	M	400	15			15		Good	B	Multiple stems
L	180	794	674	Alder	M	450	18			10		Good	C	Good form
L	182	792	672	Turkey Oak	M	600	18			15		Good	C	Good form
L	183	795	663	Alder	M	430	15	10				Good	B	2 stems
	195	788	668	Birch	SM	200	10			7		Good	C	Amenity Planting
	198	788	676	Beech	SM	210	12			8		Good	C	Amenity Planting
	200	783	690	Willow	SM	150	8			10		Good	C	
	113	784	692	Beech	SM	150	12			8		Good	C	
L	191	807	617	Alder	SM	230	12					Fair	B	On roadside 8 trees
L	189	798	641	Alder	SM	280	10		10				B	7 stems
L	188	798	644	Alder	M	280	10		4			Poor	B	Dead
L	187	798	644	Alder	M	350	15		10			Good	B	3 stems
L	186	796	660	Willow	M	390	10		12			Good	B	
	133	796	637	Birch	SM	200	10			7		Good	C	Amenity Planting
	192	796	630	Birch	SM	200	10			7		Good	C	Amenity Planting
	193	794	643	Birch	SM	200	10			7		Good	C	Amenity Planting

**Note:** Trees may need to be removed in the east of Brooklodge Grove, information not available.

**GLASHABOY RIVER – NORTH OF GLANMIRE BRIDGE** Read in conjunction with Figure 5 (Appendix 3.2b)

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments
		N	W					N	E	S	W			
	141*	51 55 196	08 23 793	Sycamore										Group growing in retaining wall above river
	141*	51 55 196	08 23 793	Elm	SM	205	15		8			Fair	A	
	141*	51 55 196	08 23 793	Fig tree										41 metre
	141*	51 55 196	08 23 793	Alder										
	142	51 55 222	08 23 782	Alder	SM	180	15			12		Good	C	4 stems, poor form
	143	51 55 222	08 23 781	Sycamore	M	360	18			12		Good	C	

River Side	No.	GPS coordinates		Species	Age Class	Girth (mm)	Height (m)	Spread (m)				Condition	Risk Code	Comments	
		N	W					N	E	S	W				
Above river	144	51 55 221	08 23 780	Ash	SM	320	118			15			Good	C	5 stems, poor form
	145	51 55 225	08 23 777	Sycamore	M	520	20			15			Good	C	
	146*	51 55 228	08 23 780	Sycamore	M	840	20			15			Fair	C	Poor form
	147*	51 55 235	08 23 772	Ash	M	820	17			15			Fair	C	Poor form

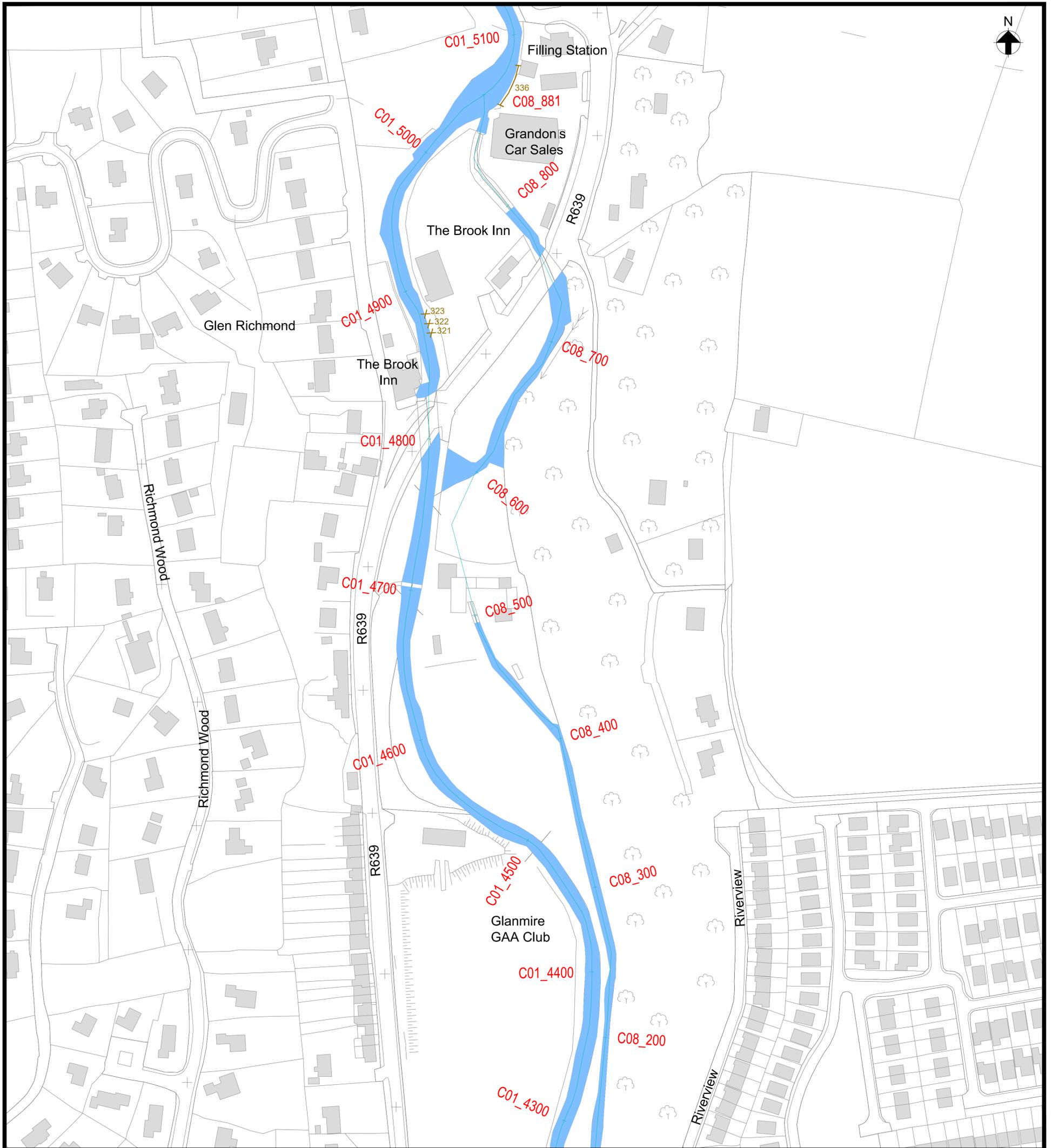
## **Appendix 3.2**

### **Tree Removal Drawings**





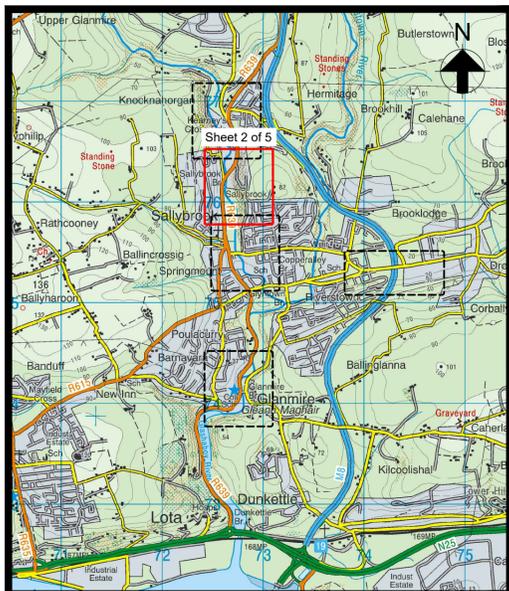
# Glashaboy River (Glanmire/Sallybrook) Drainage Scheme



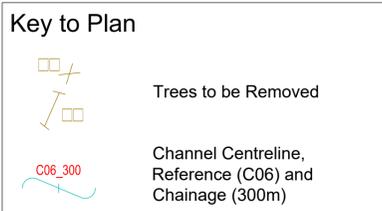
Location Plan

25m SCALE 1:1250

Scale 1:1,250 at A1  
Scale 1:2,500 at A3



Key Plan



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 Confirmation Drawings and Schedules.

Figure 2 (Appendix 3.2b) Proposed Trees to be removed Plan Layout (Sheet 2 of 5)

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