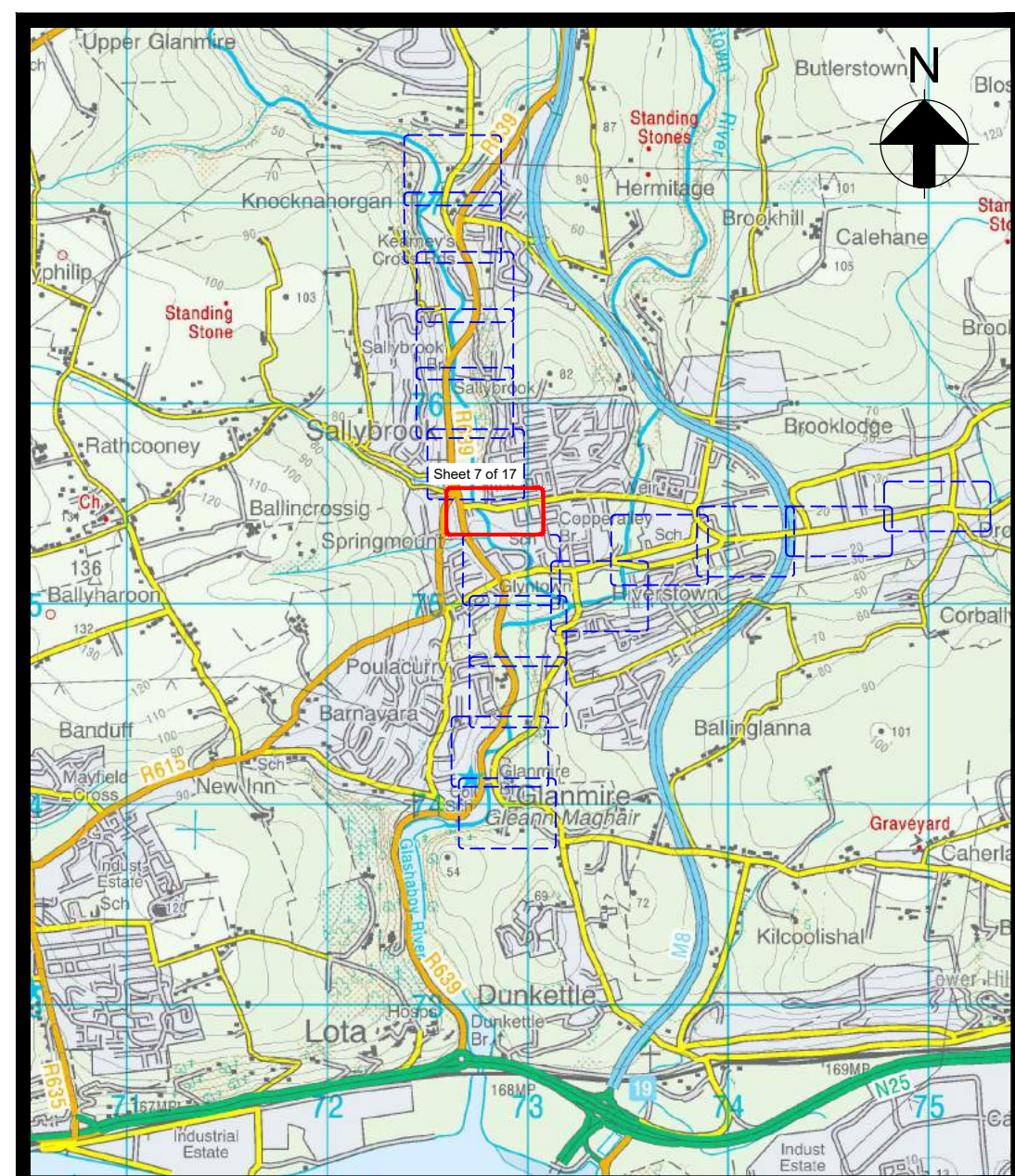


©Ordnance Survey Ireland. All rights reserved. Licence number 2017/06/CCMA/CorkCountyCouncil

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)
- Photomontage (Location, Orientation and No.)
- Interference Reference
- Location and Reference of Cross Section
- Proposed Works Chainage (m)
- Proposed Retaining Wall
- Proposed Channel Works
- Proposed New Bridge
- Proposed Regrading of Ground Levels
- Existing Culvert To Be Retained
- Proposed Reinforced Concrete Culvert
- Proposed Replacement Reinforced Concrete Culvert
- Proposed Boundary works

Key Plan

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 Gleann 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:

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

Drg. No. GR_207 Proposed Flood Defences - Plan Layout (Sheet 7 of 17)



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



24 Grove Island,
County Hall,
Cork, Ireland.
Tel +353 (0) 61 345463
Fax +353 (0) 61 280146



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



Jonathan Swift Street,
Trim,
Co. Meath,
Ireland.
Tel +353 (0) 78 1106000
Fax +353 (0) 46 9481793