

Location Plan

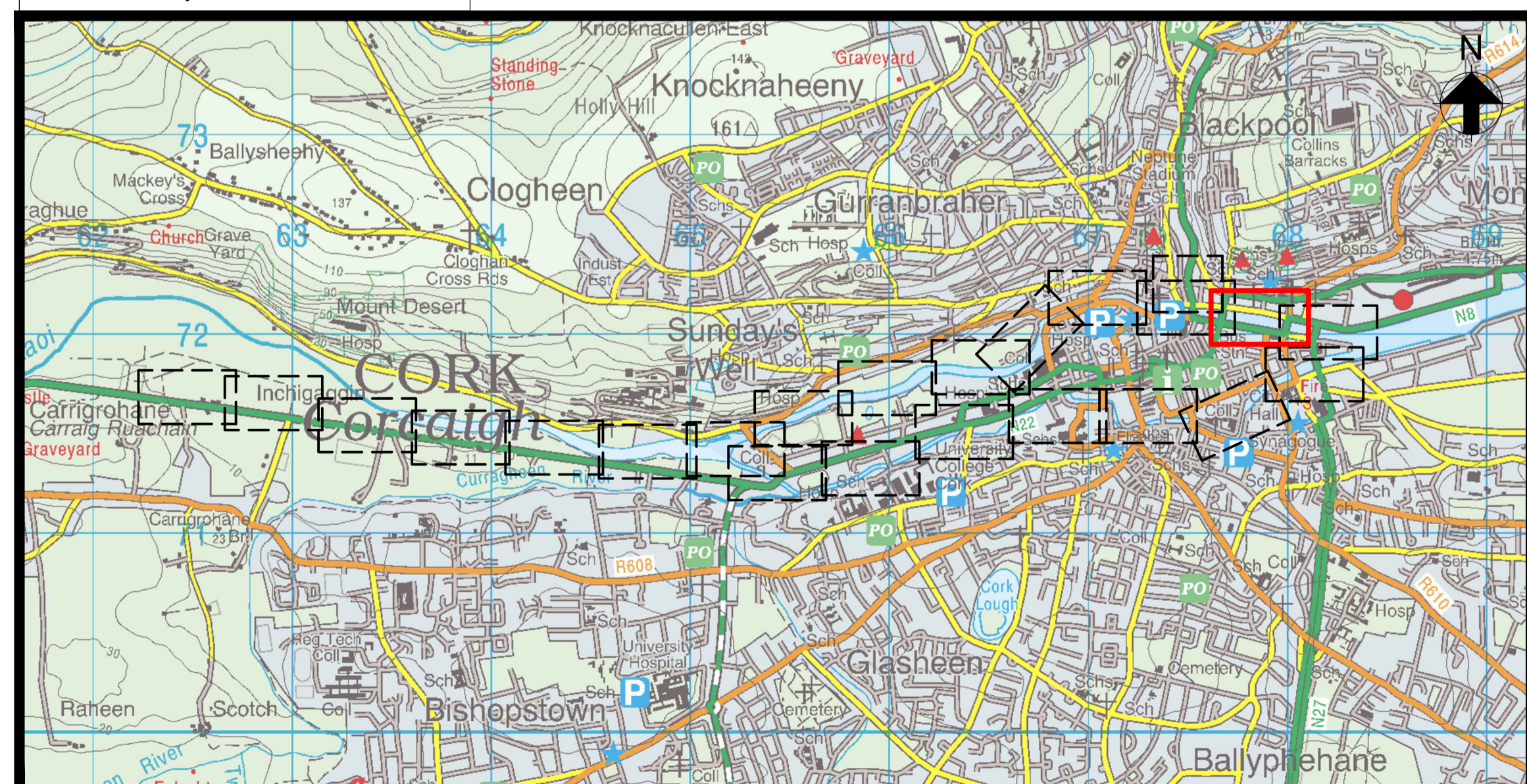
0 5 10 20 50 Metres

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

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 Lower Lee (Cork City) Drainage Scheme Exhibition Drawings and Schedules.

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Key Plan

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

Key to Plan

- Watercourse
- Channel centreline, reference (C01) and chainage (300m)
- Photomontage (Location, Orientation and No.)
- Interference reference.
- Location and reference of cross section
- Proposed works chainage (m)
- Flood defence wall
- Demountable flood defence (type varies)
- Proposed regrading of ground levels
- Existing surcharged culvert
- Proposed pumping station (surface water)
- Proposed manhole (surface water)
- Proposed drain (surface water)
- Proposed rising main (surface water)

Interference Reference	Scheme Element Chainage (m) (DS-US)	Channel Chainage (m)	General Description of New Works
NNC_L03	0 to 128	C01_1919 to C01_2046	The existing concrete wall is to be extended to flood defence level of 3.50mOD, typically 0.6m above existing ground levels. Railing to be provided to guard height, typically 0.6m above wall level. All outlets to be fitted with non return valves.
NNC_P01	□	C01_1973	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.
NNC_L03	128 to 131	C01_2046 to C01_2049	Proposed demountable flood barrier to be erected to flood defence level of 3.50mOD.
NNC_L04	0 to 3	C01_2057 to C01_2060	Proposed demountable flood barrier to be erected to flood defence level of 3.60mOD.
NNC_L04	3 to 279	C01_2060 to C01_2334	The existing concrete kerb and railing are to be demolished and replaced with a new reinforced concrete flood defence parapet to flood defence level of 3.60mOD, typically 0.6m above existing ground levels. Railing to be constructed to guard height, typically 0.6m above proposed wall level. The existing river wall and foundation zones are to be grouted. The granular soil backing zone is to be grouted. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary. All outlets to be fitted with non return valves.
NNC_L04	279 to 305	C01_2334 to C01_2352	The existing concrete kerb and railing are to be demolished and replaced with a new reinforced concrete parapet to flood defence level of 3.60mOD, typically 1.2m above existing ground levels. The existing river wall and foundation zones are to be grouted. The granular soil backing zone is to be grouted. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary. All outlets to be fitted with non return valves.
NNC_P02	□	C01_2219	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.
CIE_L02	0 to 63	C01_1919 to C01_1978	The existing concrete kerb and railing are to be demolished and replaced with a new reinforced concrete flood defence parapet to flood defence level of 3.50mOD, typically 0.6m above existing ground levels. Railing to be constructed to guard height, typically 0.6m above proposed wall level. Section of road and footpath to be regraded to reduce relative height of wall. All outlets to be fitted with non return valves.
CIE_P01	□	C01_1982	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.
CIE_L03	0 to 84	C01_1978 to C01_2044	The existing concrete kerb and railing are to be demolished and replaced with a new reinforced concrete flood defence parapet to flood defence level of 3.50mOD, typically 0.6m above existing ground levels. Railing to be constructed to guard height, typically 0.6m above proposed wall level. The existing river wall and foundation zones are to be grouted. The granular soil backing zone is to be grouted. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary. All outlets to be fitted with non return valves.
CIE_L03	84 to 87	C01_2044 to C01_2047	Proposed demountable flood barrier to be erected to flood defence level of 3.50mOD.
CIE_L01	□	C01_2045 to C01_2055	Proposed flood defence parapet is to be constructed along bridge footpath to flood defence level of 3.60mOD. Parapet is to tie in with existing bridge steelwork.
CIE_L04	0 to 2	C01_2059 to C01_2061	Proposed demountable flood barrier to be erected to flood defence level of 3.60mOD.
CIE_L04	2 to 93	C01_2061 to C01_2152	The existing concrete parapet is to be raised to the flood defence level of 3.60mOD. Wall to be extended to 1.2m above existing footpath levels, where required to achieve guard height. The existing coping and railing are to be removed. All drainage outfalls to be fitted with non return valves.
CIE_G01	□	C01_2160	Existing river access to be extinguished.
CIE_P02	□	C01_2155	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.
CIE_L05	0 to 166	C01_2162 to C01_2310	The existing concrete kerb and railing are to be demolished and replaced with a new reinforced concrete flood defence parapet to flood defence level of 3.60mOD, typically 0.6m above existing ground levels. Railing to be constructed to guard height, typically 0.6m above proposed wall level. The existing river wall and foundation zones are to be grouted. The granular soil backing zone is to be grouted. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary. All outlets to be fitted with non return valves.
CIE_L05	166 to 199	C01_2310 to C01_2345	The existing concrete kerb and railing are to be demolished and replaced with a new reinforced concrete flood defence parapet to flood defence level of 3.60mOD, typically 0.6m above existing ground levels. Railing to be constructed to guard height, typically 0.6m above proposed wall level. The existing river wall and foundation zones are to be grouted. The granular soil backing zone is to be grouted. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary. All outlets to be fitted with non return valves.
CIE_G02	138 to 147	C01_2280 to C01_2286	Existing river access to be extinguished.
CIE_G03	□	C01_2340	Existing river access to be extinguished.
CIE_L02	□	C01_2350	Existing culvert to be pressurised during flood event.
CIE_P03	□	C01_2340	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.

Drg. No. LL_222 Proposed Flood Defences Plan Layout (Sheet 23 of 30)

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