

Location Plan

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

Interference Reference	Scheme Element Chainage (m) (DS-US)	Channel Chainage (m)	General Description of New Works
CIW_L05	0 to 5	C02_2003 to C02_2008	Proposed reinforced concrete flood defence wall to flood defence level of 3.55mOD, typically 0.45m above existing ground levels. Wall to tie into existing wall at eastern end and proposed flood defence embankment at western end. All drainage outfalls to be fitted with non return valves.
CIW_E01	0 to 95	C02_2005 to C02_2118	Proposed flood defence embankment to flood defence level of 3.75mOD, typically 0.65m above existing ground levels. Crest width to be 2m with 1 in 3 side slopes. All drainage outfalls to be fitted with non return valves.
CIW_L05a	0 to 29	C02_2118 to C02_2151	Existing wall to be remediated to ensure capacity for flood loading. Existing gate accesses to be removed and replaced with flood defence wall to flood defence level of 3.55mOD, typically 1.6m above existing ground levels.
CIW_E02	0 to 46	C02_2191 to C02_2237	Proposed flood defence embankment to flood defence level of 3.75mOD, typically 0.4m above existing ground levels. Crest width to be 2m with 1 in 3 side slopes. All outlets to be fitted with non return valves.
CIW_L06a	0 to 17	C02_2250 to C02_2265	Proposed sheet pile flood defence wall to flood defence level of 3.55mOD, typically 0.35m above existing ground levels. All drainage outfalls to be fitted with non return valves.
CIW_L06b	0 to 56	C02_2315 to C02_2352	Proposed flood defence wall to be constructed offset from the channel, along the boundary with Western Road. Existing historical railing to be removed and replaced with a reinforced concrete flood defence wall to flood defence level of 3.55mOD, typically 0.35m above existing ground levels. Existing railing to be reinstated on top of the proposed wall.
CIW_L06b	56 to 105	C02_2352 to C02_2395	The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary. Existing wall to be maintained as part of the flood defence scheme.
CIW_L07	0 to 9	C02_2400	Proposed reinforced concrete flood defence wall to flood defence level of 3.55mOD, typically 0.5m above existing ground levels. Proposed wall to tie into existing wall at downstream end.
CIW_L07	9 to 116	C02_2400 to C02_2500	Proposed sheet pile flood defence wall to flood defence level of 3.55mOD. Wall to extend to 1.2m above existing garden levels to provide guarding height. All drainage outfalls to be fitted with non return valves.
CIW_L07	116 to 157	C02_2500	Proposed reinforced concrete flood defence wall to flood defence level of 3.55mOD, typically 0.55m above existing ground levels. Guard protection to be provided to 1.2m height above existing ground levels, typically 0.6m reinforced concrete wall and 0.6m safety railing.
CIW_P02		C02_2500	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.

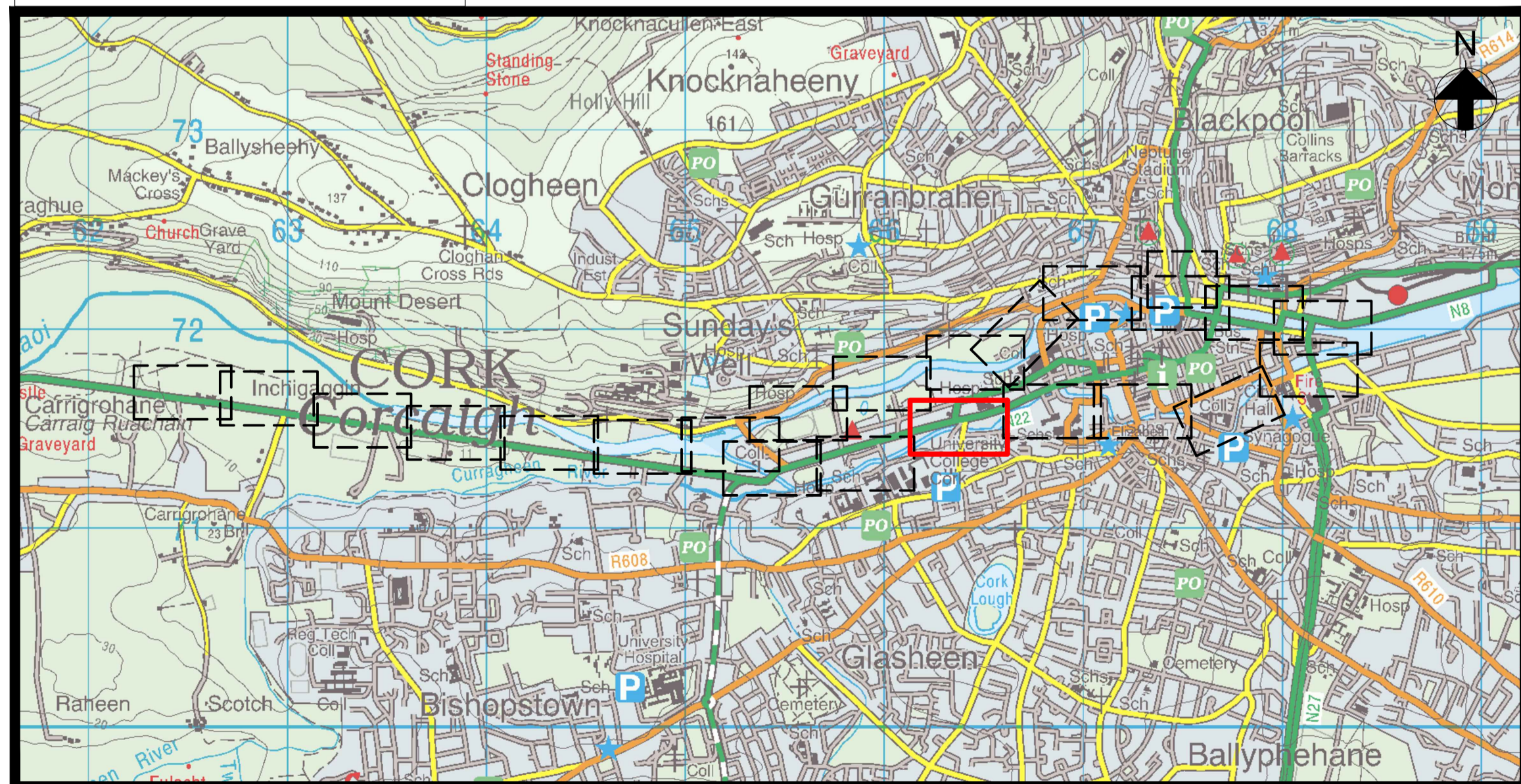
Notes:

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.

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
- Proposed flood defence embankment
- Proposed pumping station (surface water)
- Proposed manhole (surface water)
- Proposed drain (surface water)
- Proposed rising main (surface water)

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Key Plan

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

Drg. No. LL_228 Proposed Flood Defences Plan Layout (Sheet 30 of 30)

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