

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

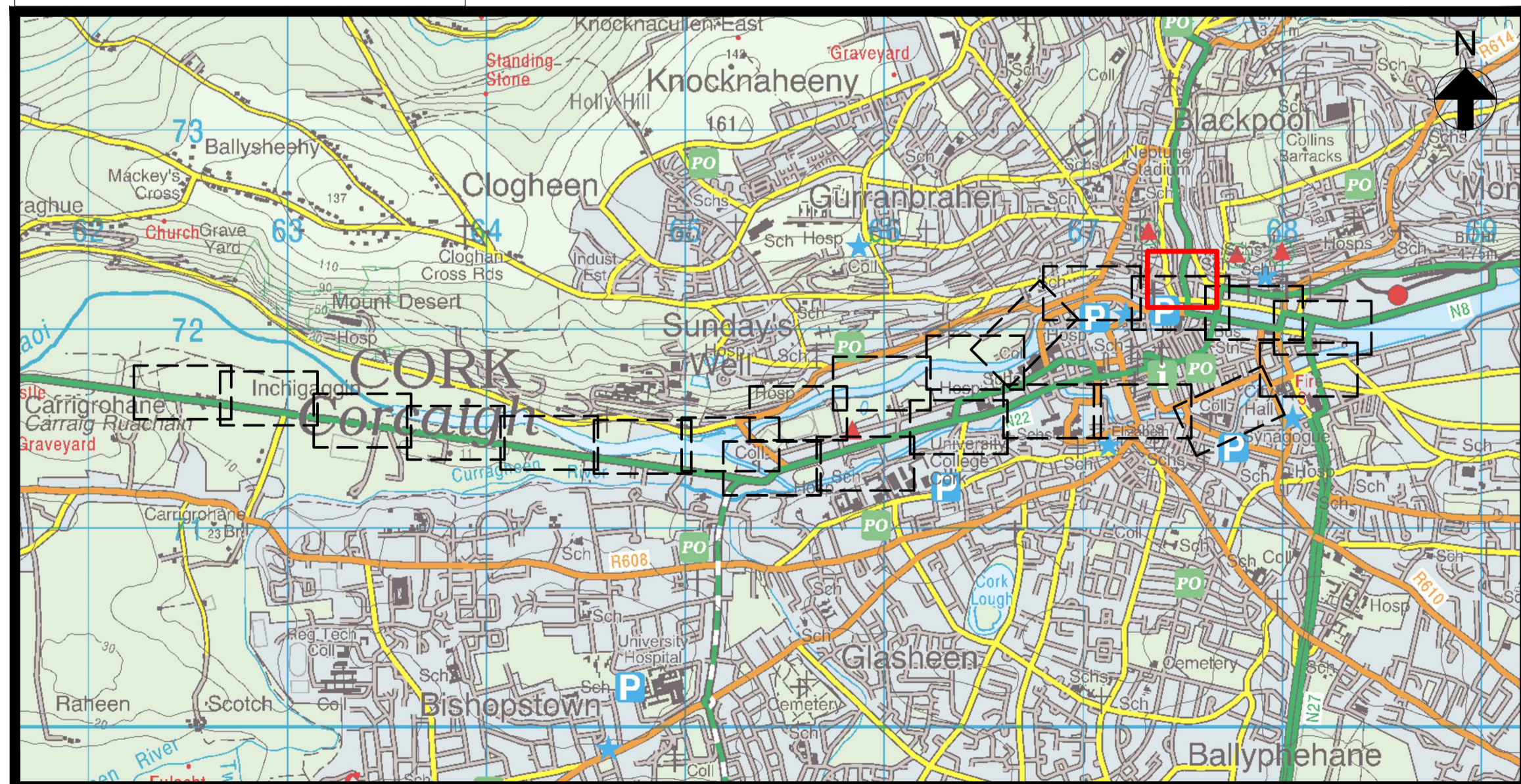
- Notes:
1. Do not scale from drawing.
 2. Proposed works geometry and extents are subject to detailed design.
 3. This drawing should be read in conjunction with all other Lower Lee (Cork City) Drainage Scheme Exhibition Drawings and Schedules.

Interference Reference	Scheme Element Chainage (m) (DS-US)	Channel Chainage (m)	General Description of New Works
KIL_L01	0 to 20	C06_45 to C06_65	Steel flood defence parapet to be fitted to the existing structure to flood defence level of 3.8mOD., typically 0.4m above existing ground levels. All outlets to be fitted with non return valves.
KIL_L01	15, 17, 20	C06_60, C06_62, C06_65	Existing concrete bridge access to be resealed and grouted to ensure watertight seal for flood conditions. Side steel railings to be replaced with flood defence wall to flood defence level of 3.80mOD.
KIL_G01	21 to 23	C06_66 to C06_68	Existing double windows to have local defences fitted externally □ defences required to flood defence level of 3.80mOD, typically 0.6m above the bottom of the window.
KIL_G02	26 to 28	C06_71 to C06_73	Existing double windows to have local defences fitted externally □ defences required to flood defence level of 3.80mOD, typically 0.4m above the bottom of the window.
KIL_G03	44 to 46	C06_91 to C06_93	Existing double windows to have local defences fitted externally □ defences required to flood defence level of 3.80mOD, typically 0.4m above the bottom of the window.
KIL_L01	20 to 98	C06_65 to C06_142	Steel flood defence parapet to be fitted to the existing structure to flood defence level of 3.8mOD., typically 0.4m above existing ground levels. All outlets to be fitted with non return valves.
KIL_L01	47, 57, 70, 82	C06_94, C06_104, C06_117, C06_128	Existing timber bridge to be replaced with a reinforced concrete bridge. Existing side steel railings to be replaced with a reinforced concrete flood defence wall to flood defence level of 3.8mOD, typically 0.3m above existing bridge level. Railing to be provided on top of wall to achieve guard height of 1.2m above ground level, typically 0.9m high railing.
KIL_L02	0 to 97	C06_45 to C06_142	Existing foundation walls to be grouted and resealed to ensure watertight seal and capacity for the flood loading.
KIL_G04	0 to 97	C06_45 to C06_142	Building services and utilities to be altered to ensure no potential routes for water ingress.
KIL_L03	0 to 43	C06_153 to C06_193	Steel flood defence parapet to be fitted to the existing structure to flood defence level of 3.8mOD., typically 0.3m above existing ground levels. All outlets to be fitted with non return valves.
KIL_L03	2, 41	C06_155, C06_191	Existing concrete bridge access to be structurally assessed to ensure capacity for surcharge flood conditions. Side steel railings to be replaced with flood defence wall (potentially steel due to limited working area) to flood defence level of 3.80mOD, typically 0.3m above existing ground level. Steel railing to be fitted to height of 1.2m above existing ground levels.
KIL_L03	50 to 69	C06_200 to C06_214	Existing structure to be maintained as part of the flood defence scheme.
KIL_L03	76 to 126	C06_222 to C06_260	Existing structure to be maintained as part of the flood defence scheme.
KIL_L04	0 to 42	C06_153 to C06_193	Existing foundation walls to be grouted to ensure watertight seal.
KIL_L04	49 to 66	C06_200 to C06_211	Existing foundation walls to be grouted to ensure watertight seal.
KIL_L04	73 to 77	C06_221 to C06_225	Existing foundation walls to be grouted to ensure watertight seal.
KIL_G05	0 to 77	C06_153 to C06_225	Building services and utilities to be altered to ensure no potential routes for water ingress.
KIL_□01	0 to 126	C06_250 to C06_10	Existing culvert to be pressurised during flood event. Existing bridge joints (approximately 11 joints) to be resealed to ensure capacity for upward seepage.

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
- Existing surcharged culvert
- Proposed regrading of ground levels
- 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_221 Proposed Flood Defences □ Plan Layout (Sheet 22 of 30)

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