

Location Plan

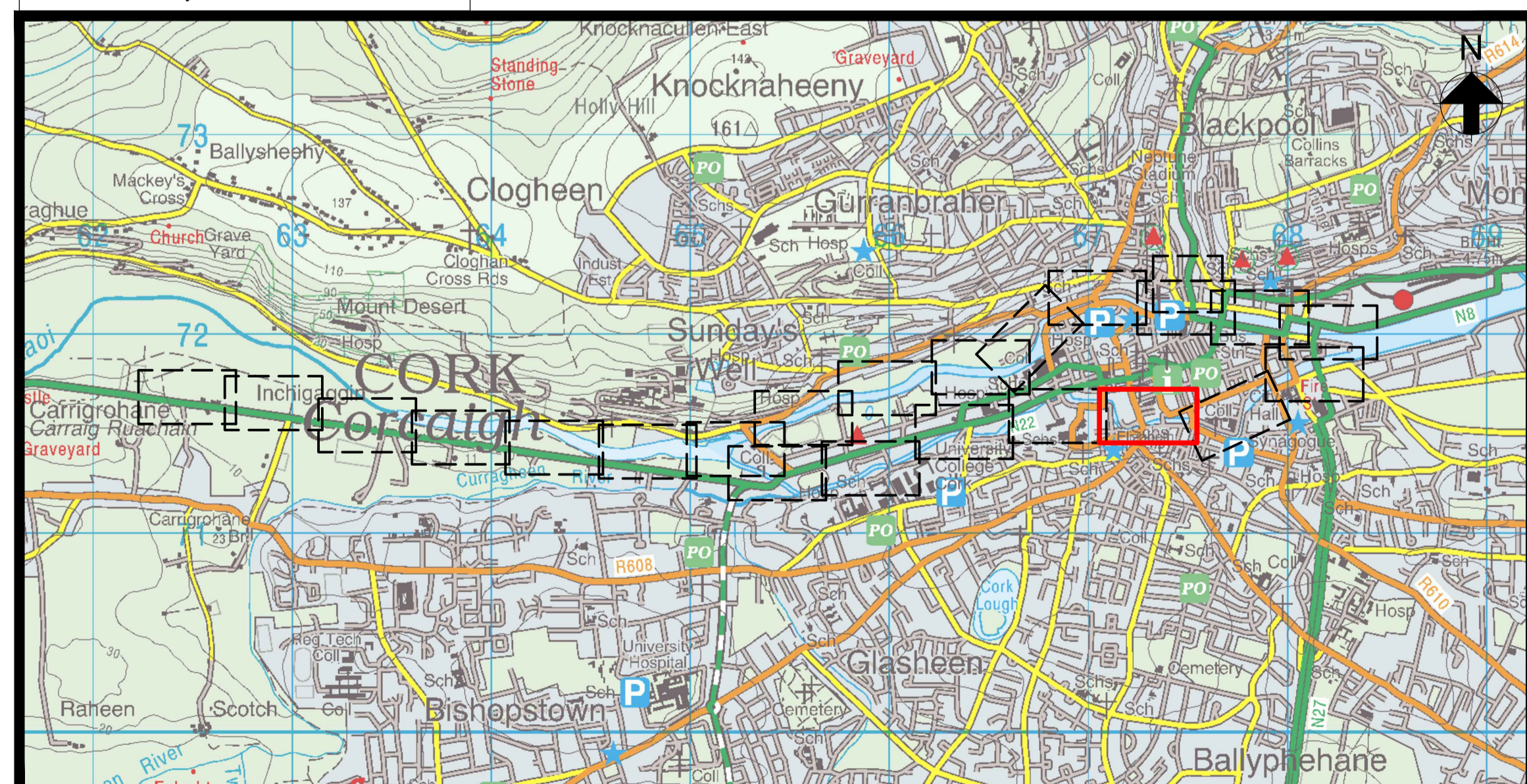
0 5 10 20 50 Metres

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)
- PM 01 Photomontage (Location, Orientation and No.)
- Interference reference.
- Location and reference of cross section
- 50 Proposed works chainage (m)
- Flood defence wall
- Demountable flood defence (type varies)
- Existing surcharged culvert
- Land to be reclaimed
- 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
CIE_L18	0 to 58	C02_953 to C02_1010	Proposed sheet pile wall to be constructed in channel to 3.00mOD. Section of existing boardwalk to be removed to connect defence wall to quay. Pedestrian access ramp to be incorporated on dry side of sheet pile wall, connecting Grand Parade quay to Parliament Bridge. Steel plates to be fitted along wet side of ramp to flood defence level of 3.50mOD. Manhole access to be provided to maintain existing services along quay wall.
CIE_L19	0 to 6	C02_1010	Proposed 0.5m high flip up flood barrier to flood defence level of 3.50mOD.
CIE_L19	6 to 10	C02_1010 to C02_1020	Proposed reinforced concrete wall to flood defence level of 3.50mOD. Wall to incorporate seating along length, typically 0.5m above existing ground levels.
CIE_L19	10 to 15	C02_1020 to C02_1025	Proposed 0.5m high flip up flood barrier to flood defence level of 3.50mOD.
CIE_L19	15 to 30	C02_1025 to C02_1038	Proposed reinforced concrete wall to flood defence level of 3.50mOD. Wall to incorporate seating along length, typically 0.5m above existing ground levels.
CIE_L19	30 to 34	C02_1038 to C02_1042	Proposed 0.6m high flip up flood barrier to flood defence level of 3.50mOD.
CIE_L19	34 to 60	C02_1042 to C02_1055	Proposed reinforced concrete wall to flood defence level of 3.50mOD. Wall to incorporate seating along length, typically 0.5m above existing ground levels.
CIE_L19	60 to 71	C02_1055 to C02_1065	Proposed 0.6m high flip up flood barrier to flood defence level of 3.50mOD.
CIE_L19	71 to 91	C02_1065 to C02_1085	Proposed reinforced concrete wall to flood defence level of 3.50mOD. Wall to incorporate seating along length, typically 0.5m above existing ground levels.
CIE_L19	91 to 106	C02_1085 to C02_1098	Proposed 0.5m high flip up flood barrier to flood defence level of 3.50mOD.
CIE_L19	106 to 113	C02_1098	Proposed reinforced concrete wall to flood defence level of 3.50mOD. Wall to incorporate seating along length, typically 0.5m above existing ground levels.
CIE_P11		C02_1100	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.
CIE_L20	0 to 8	C02_1098 to C02_1106	Proposed local raising of stone wall to flood defence level of 3.50mOD, typically 0.5m above existing levels and waterproofing of existing wall.
CIE_L20	8 to 36	C02_1106 to C02_1134	Proposed raising of four window sills to flood defence level of 3.50mOD, typically 0.15m above existing levels and waterproofing of existing wall.
CIE_L21	0 to 51	C02_1134 to C02_1175	Proposed 0.2m concrete kerb along quay to raise existing ground levels to flood defence level of 3.50mOD. Kerb is to tie into existing masonry wall with guard railing fitted to 1.2m above existing ground levels. The existing quay wall and foundation stones are to be grouted. The soil backing stones are to be grouted. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary.
CIE_L21	51 to 69	C02_1175 to C02_1198	Existing masonry wall to be inspected for stability. The existing quay wall and foundation stones are to be grouted. The existing soil backing stones are to be grouted. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary.
CIE_L22	0 to 150	C02_1210 to C02_1360	Proposed sheet pile wall to flood defence level of 3.50mOD should proposed Cork Events Centre project not go ahead.
CIE_L23	0 to 63	C02_1360 to C02_1418	Proposed sheet pile wall to flood defence level of 3.50mOD should proposed Cork Events Centre project not go ahead.
CIE_L24	0 to 40	C02_1418 to C02_1457	Proposed sheet pile wall to flood defence level of 3.50mOD should proposed Cork Events Centre project not go ahead.
CIE_L25	40 to 58	C02_1457 to C02_1468	Proposed reinforced concrete flood defence parapet to flood defence level of 3.50mOD, typically 1.2m above existing ground levels. The existing quay wall and foundation stones are to be grouted. Possible additional strengthening works may include the incorporation of micro piles. A new mass concrete backing wall is to be provided. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary.
CIE_L25	58 to 66	C02_1468 to C02_1476	The existing quay wall and foundation stones are to be grouted. Possible additional strengthening works may include the incorporation of micro piles. A new mass concrete backing wall is to be provided. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary.
CIE_L25	66 to 81	C02_1476 to C02_1496	Local raising of flood defence line along balcony's to flood defence level of 3.50mOD, typically 0.1m above existing ground levels. The existing quay wall and foundation stones are to be grouted. Possible additional strengthening works may include the incorporation of micro piles. A new mass concrete backing wall is to be provided. The face of the existing wall is to be cleaned and repointed and the stonework repaired where necessary.

Drg. No. LL\_226a Proposed Flood Defences Plan Layout (Sheet 27 of 30)

**ARUP**

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

**JBA**  
consulting

24 Grove Island,  
Corryally,  
Co Limerick,  
Ireland.  
Tel: +353 (0) 61 345463  
Fax: +353 (0) 61 280146

**Cork City Council**  
City Hall, Anglesea Street,  
Cork, Ireland.

Tel: +353 (0) 21 4966222  
Fax: +353 (0) 21 4314238

**Cork County Council**  
Cork County Council Headquarters,  
Cork, Ireland.

Tel: +00 353 (0) 21 4276891  
Fax: +00 353 (0) 21 4276321

**OPW**  
100 Upper O'Connell Street,  
Dublin 2,  
Ireland.

Tel: +353 (0) 1 647 6000  
Fax: +353 (0) 1 661 0747