

Location Plan



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

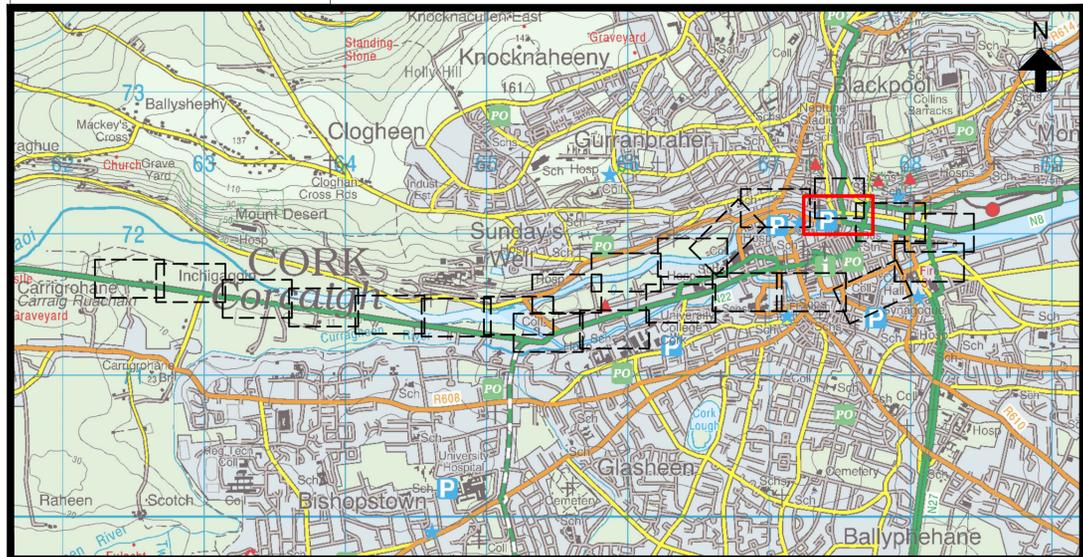
Notes:

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.

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 retaining wall
- 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)

Ordnance Survey Ireland Licence No. EN 0002816
© Ordnance Survey Ireland / Government of Ireland



Key Plan

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

Interference Reference	Scheme Element Chainage (m) (DS-US)	Channel Chainage (m)	General Description of New Works
NNC_L05	0 to 48	C01_2445 to C01_2500	The existing stone parapet achieves a flood defence level of 3.60mOD and is to be maintained as part of the flood defence scheme. The existing river wall and foundation stones are to be grouted. The granular soil backing stone 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_P03		C01_2496	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.
NNC_L06	0 to 80	C01_2556 to C01_2636	Existing coping stone to be temporarily removed and reinstated upon completion. Existing parapet wall to be repointed and gravity grouted. New dowel bar to be drilled into river wall and anchored into new parapet wall. New concrete strip to be constructed with a cut limestone cladding and coping to be reinstated to a flood defence level of 3.80mOD, typically 1.2m above existing ground level. The existing river wall and foundation stones are to be grouted. The granular soil backing stone 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_L06	80 to 90	C01_2636 to C01_2646	Existing coping stone to be temporarily removed and reinstated upon completion. Existing parapet wall to be repointed and gravity grouted. New dowel bar to be drilled into river wall and anchored into new parapet wall. New concrete strip to be constructed with a cut limestone cladding and coping to be reinstated to a flood defence level of 3.80mOD, typically 1.2m above existing ground level.
NNC_L06	90 to 145	C01_2646 to C01_2701	The existing stone parapet achieves a flood defence level of 3.80mOD and is to be maintained as part of the flood defence scheme. The existing river wall and foundation stones are to be grouted. The granular soil backing stone 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_L06	145 to 180	C01_2701 to C01_2736	Existing coping stone to be temporarily removed and reinstated upon completion. Existing parapet wall to be repointed and gravity grouted. New dowel bar to be drilled into river wall and anchored into new parapet wall. New concrete strip to be constructed with a cut limestone cladding and coping to be reinstated to a flood defence level of 3.80mOD, typically 1.2m above existing ground level.
NNC_L06	180 to 226	C01_2736 to C01_2778	Existing coping stone to be temporarily removed and reinstated upon completion. Existing parapet wall to be repointed and gravity grouted. New dowel bar to be drilled into river wall and anchored into new parapet wall. New concrete strip to be constructed with a cut limestone cladding and coping to be reinstated to a flood defence level of 3.80mOD, typically 1.2m above existing ground level. The existing river wall and foundation stones are to be grouted. The granular soil backing stone 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_L06	226 to 241	C01_2783 to C01_2798	Proposed reinforced concrete upstand to flood defence level of 4.10mOD. Glass parapet to be provided on top of wall to achieve guard height, 1.2m above ground levels.
NNC_G02		C01_2710	The existing access steps are to be maintained and extended to flood defence level of 4.10mOD with new reinforced concrete steps.
NNC_G03		C01_2740	The existing access steps are to be maintained and extended to flood defence level of 4.10mOD with new reinforced concrete steps.
NNC_P04		C01_2760	Proposed surface water pumping station and rising main to operate during a flood event. All outlets to be fitted with non return valves.
NNC_R02	0 to 18	C01_2775 to C01_2785	Proposed ramping of footpath to flood defence level of 4.10mOD. Ramps to be graded at a maximum slope of 1 in 20.
NNC_R03	0 to 16	C01_2790 to C01_2805	Proposed ramping of footpath to flood defence level of 4.10mOD. Ramps to be graded at a maximum slope of 1 in 20.

Drg. No. LL_220a Proposed Flood Defences Plan Layout (Sheet 20 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,
Cork City,
Co Limerick,
Ireland.
Tel: +353 (0) 61 345463
Fax: +353 (0) 61 280146

Cork City Council

County Hall, Angelsea Street,
Cork, Ireland.
Tel: +353 (0) 21 4966222
Fax: +353 (0) 21 4314238

Cork County Council

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

OPW

51 St. Stephen's Green,
Dublin 2,
Ireland.
Tel: +353 (0) 1 647 6000
Fax: +353 (0) 1 661 0747