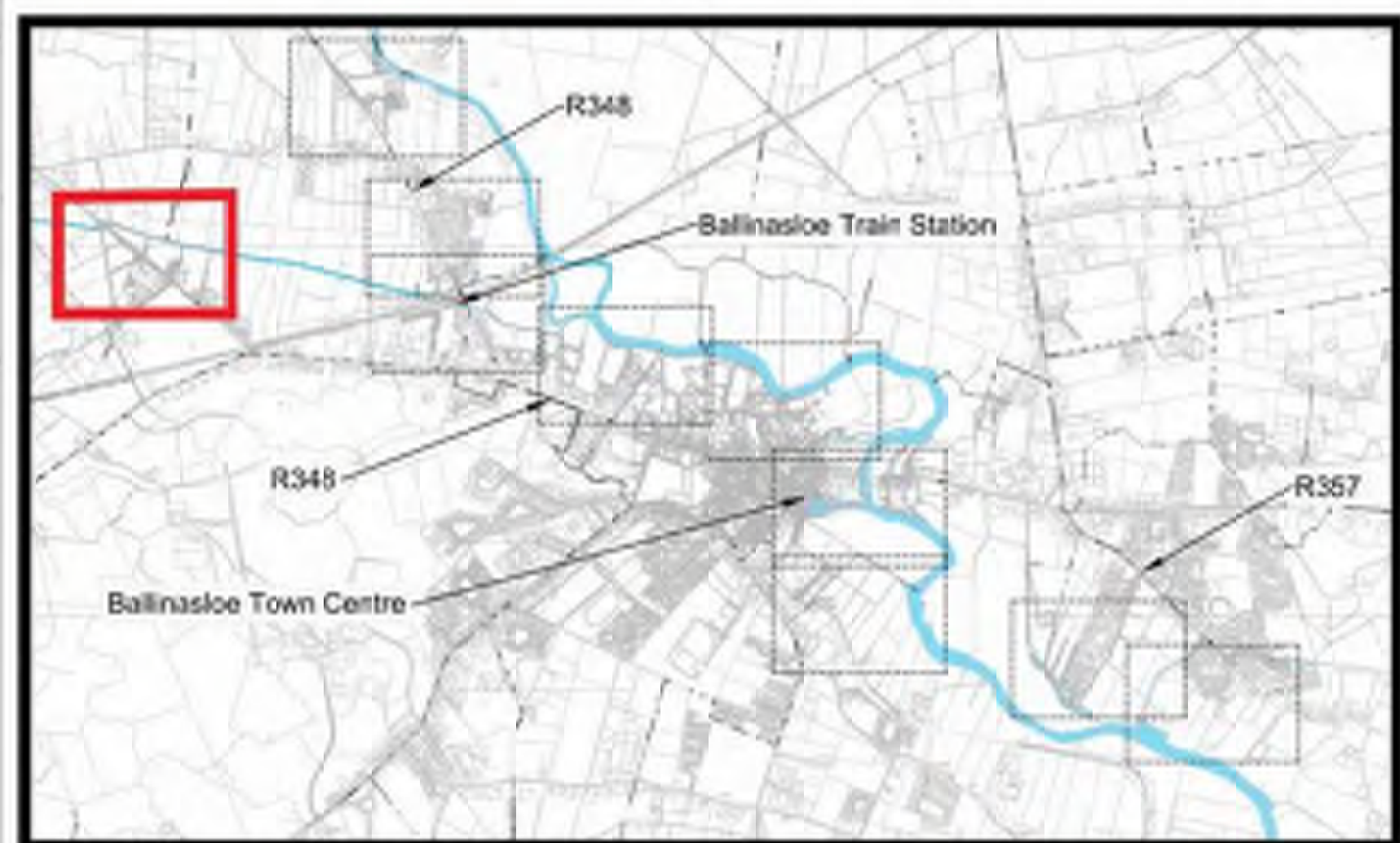
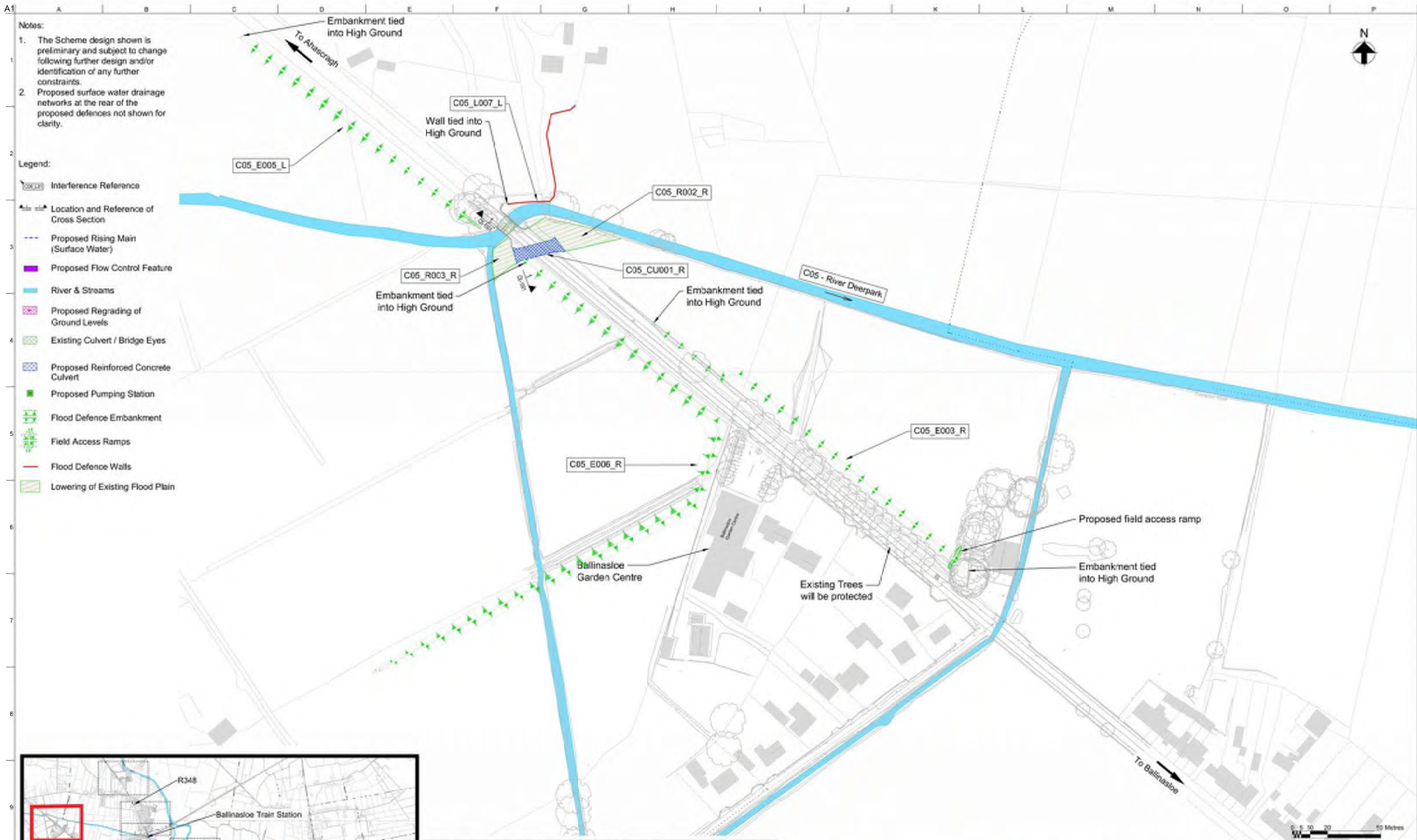


Appendix A

Ballinasloe Flood Relief Scheme Detailed Drawing



Schedule Ref.	General Description of New Works
C05_CU001_R	2 No. 3m wide x 1m high Flood Relief culverts
C05_E003_R	0.8m high (typical), 250m long Flood Defence embankment, 1m wide crown
C05_E005_L	1.1m high (typical), 173m long Flood Defence embankment, 3m wide crown
C05_E006_R	0.9m high (typical), 394m long Flood Defence embankment, 1m wide crown
C05_L007_L	1m high (typical), 94 m long Flood Defence wall
C05_R002_R	Lowering of flood plain ground level by approx 300mm to match IL of proposed Flood Relief Culverts
C05_R003_R	Lowering of flood plain ground level by approx 100mm to match IL of proposed Flood Relief Culverts

DRAFT

IP05	10/02/25	TA	AR	AL
IP04	15/10/24	TA	AR	AL
IP03	22/02/24	TA	AR	AL
IP02	12/02/24	TA	AR	AL
IP01	24/01/24	TA	AR	AL
Issue	Date	By	Check	Appd

Client: **OPW** Office of Public Works

in conjunction with: **Comhairle Cheantae na Gaillimhe** Galway County Council

Job Title: **Ballinasloe Flood Relief Scheme**

Drawing Title: **Area 1: Deerpark Plan Layout**

ARUP RYAN HINLEY

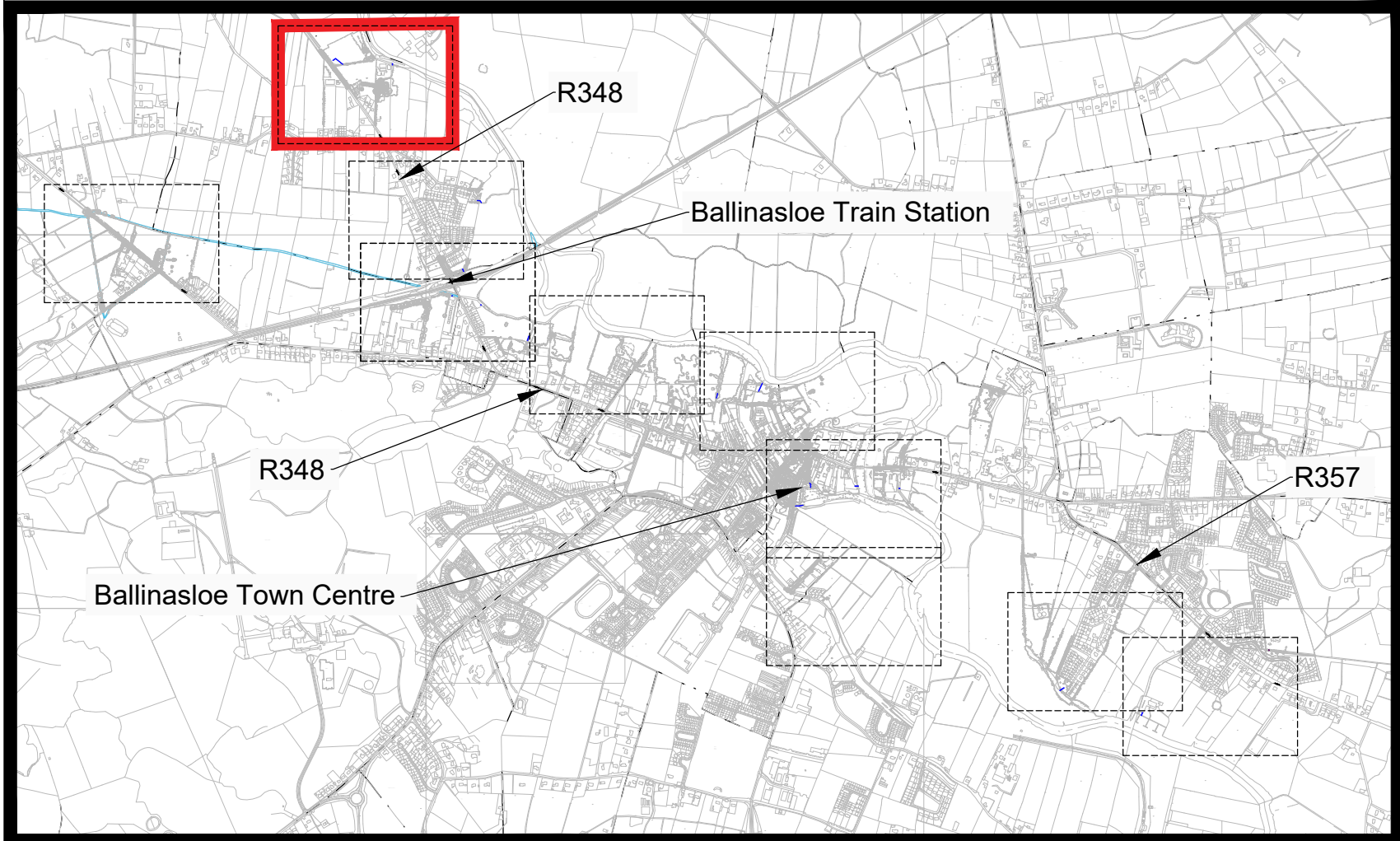
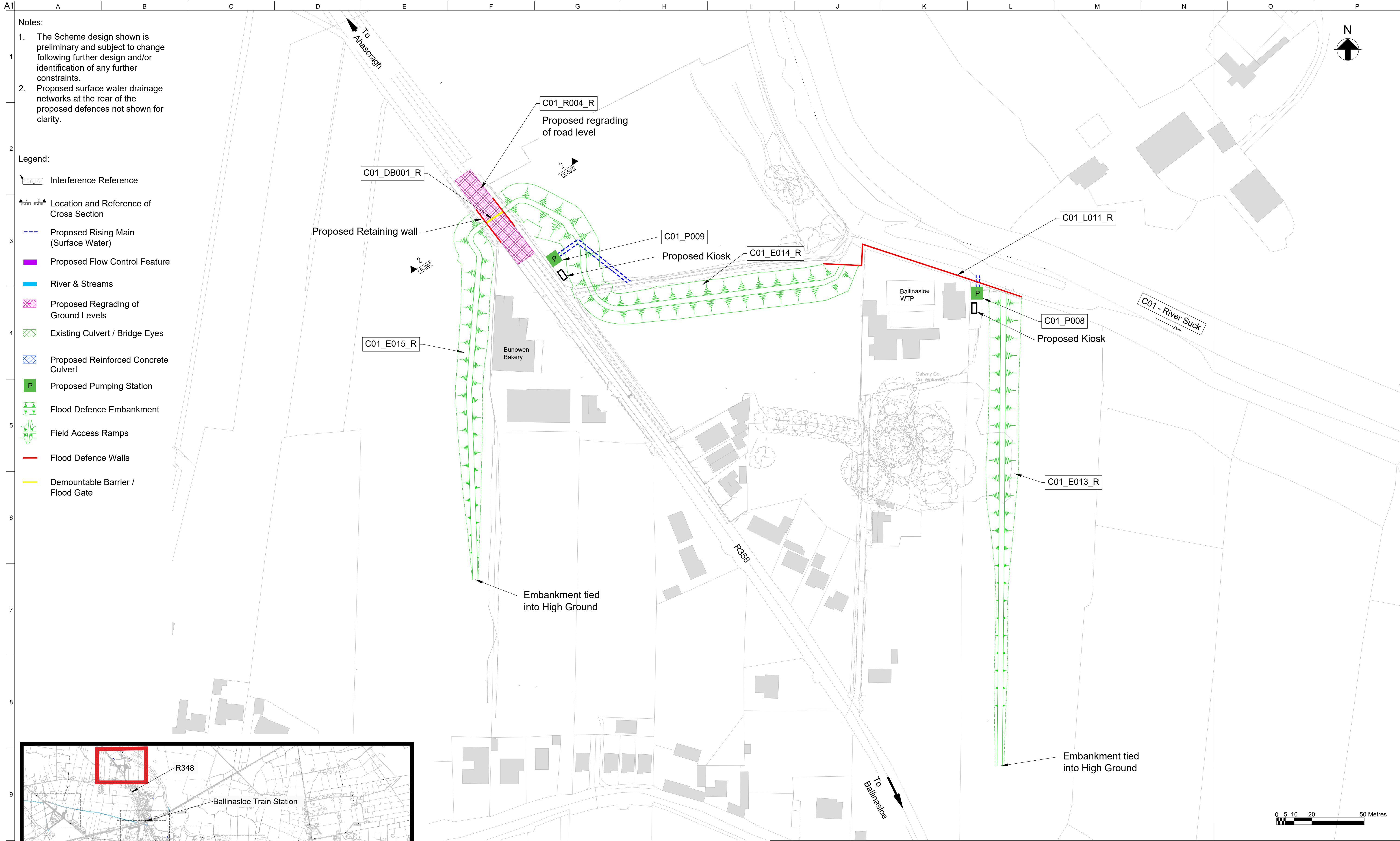
One Albert Quay
Cork, Ireland
Tel: +353 (0)21 432 3295
www.arup.com

Scale at A1: 1:1000

Plot ID: _____

Drawing Status: **S2 - Suitable for Information**

Job No: **271741-00** Drawing No: **271741-ARP-22-KX-06-CE-M001** Issue: **P05**



Schedule Ref.	General Description of New Works
C01_DB001_R	1m high Demountable flood barrier
C01_E013_R	1.9m high (typical),246m long Flood Defence embankment,3m wide crown
C01_E014_R	2.6m high (typical),233m long Flood Defence embankment,3m wide crown
C01_E015_R	1.8m high (typical),210m long Flood Defence embankment,3m wide crown
C01_L011_R	2.2m high (typical),130m long Flood Defence wall
C01_R004_R	Road raised by a maximum of 0.6m above existing road levels
C01_P008	Surface water pumping station discharging to River Suck
C01_P009	Surface water pumping station discharging to a local stream

DRAFT					
P04	10/02/25	TA	AR	AL	
P03	15/10/24	TA	AR	AL	
P02	22/02/24	TA	AR	AL	
P01	12/02/24	TA	AR	AL	
Issue	Date	By	Chkd	Appd	

Client

 **OPW** Óighearaíocht na n-Ádhmóirí
Office of Public Works

in conjunction with :

 **Comhairle Chontae na Galuillíne**
Galway County Council

Job Title

Ballinasloe
Flood Relief Scheme

Drawing Title

Area 2 : Derrymullen North
Plan Layout

ARUP RYAN HANLEY

One Albert Quay
Cork, Ireland
Tel +353 (0)21 422 3200
www.arup.com

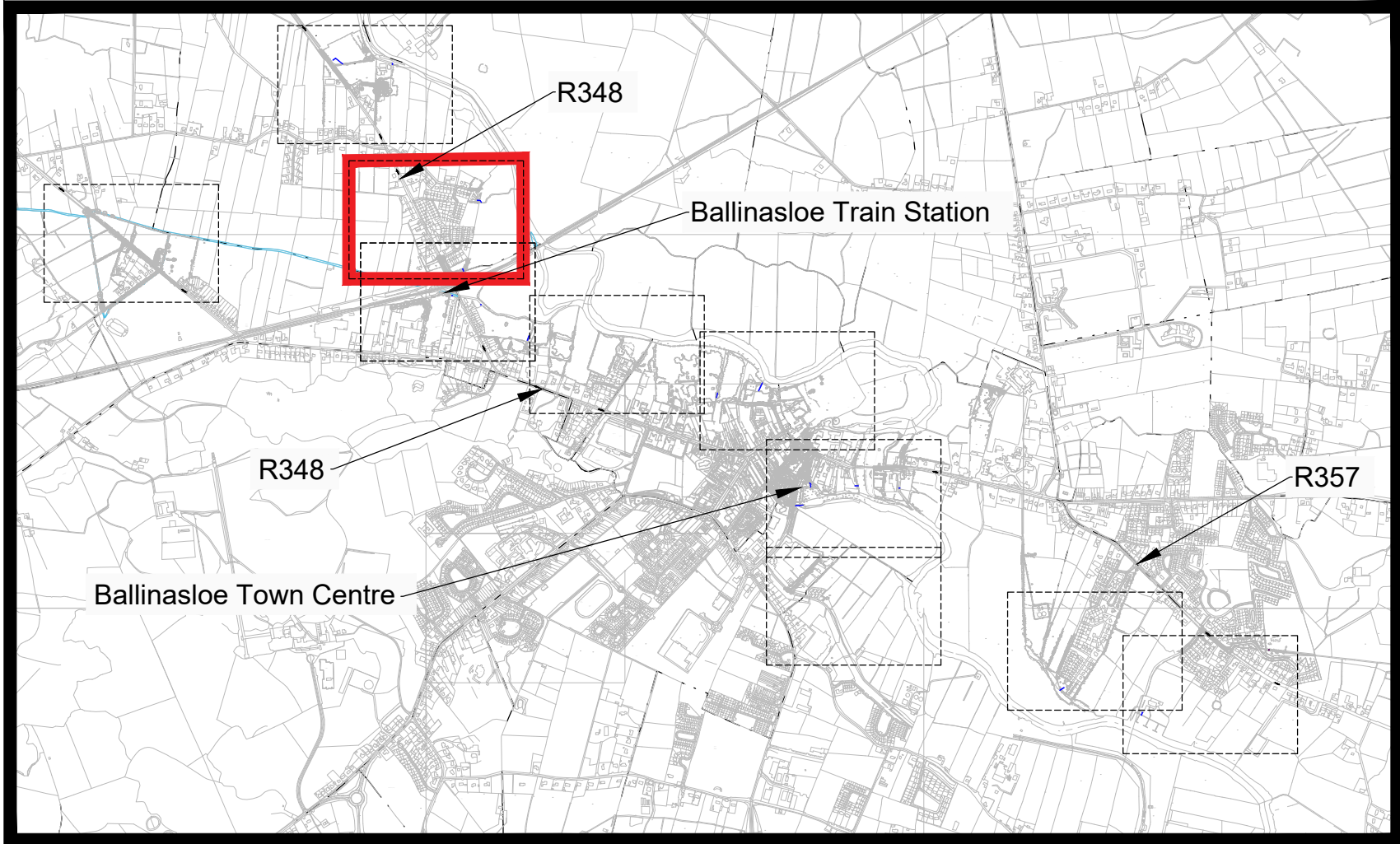
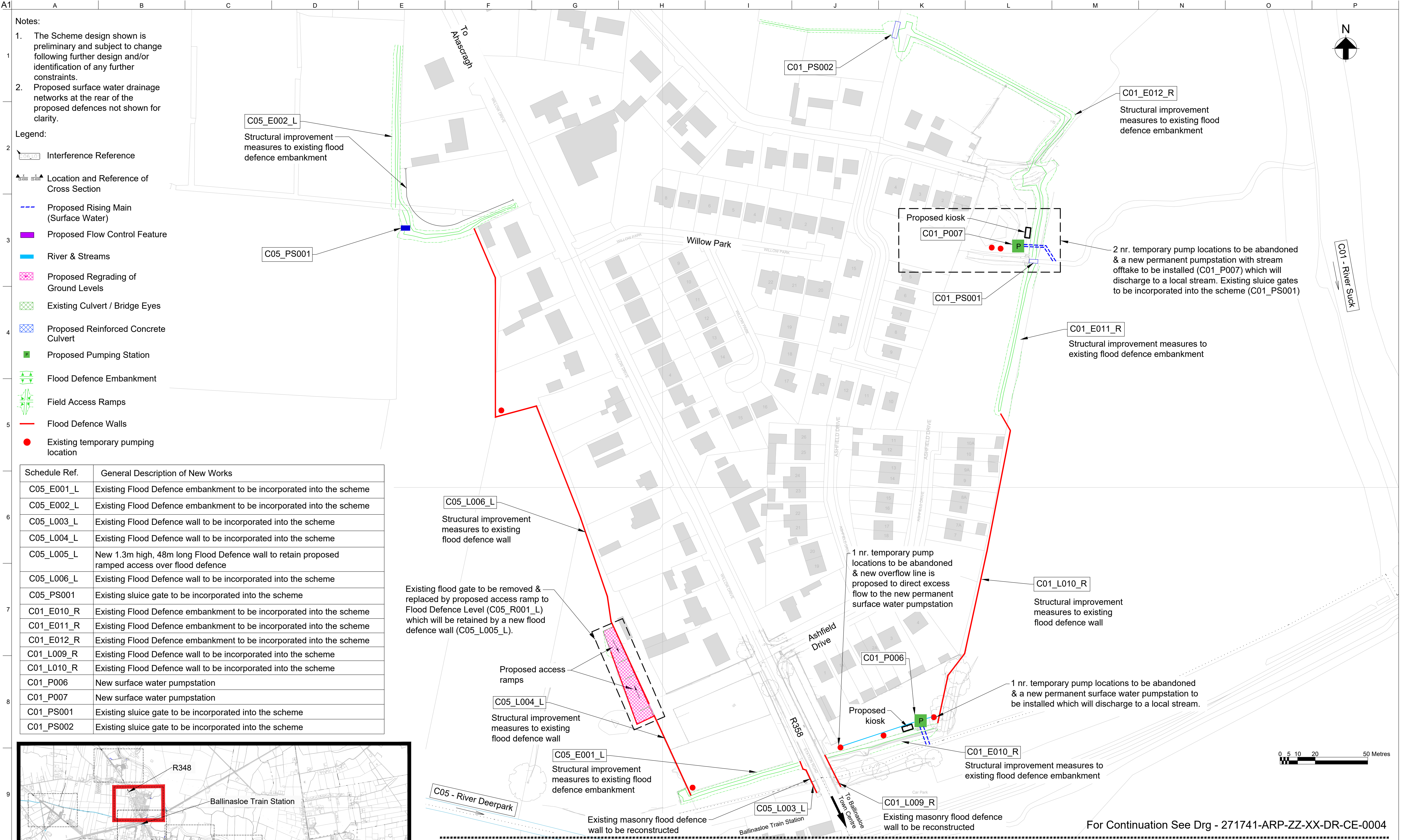
Scale at A1 1:1000

Plot ID

Drawing Status

S2 - Suitable for Information

Job No	Drawing No	Issue
271741-00	271741-ARP-ZZ-XX-DR-CE-0002	P04





Keyplan :

DRAFT

P04	10/02/25	TA	AR	AL
P03	15/10/24	TA	AR	AL
P02	22/02/24	TA	AR	AL
P01	12/02/24	TA	AR	AL
Issue	Date	By	Chkd	Appd

Client


in conjunction with :


Job Title

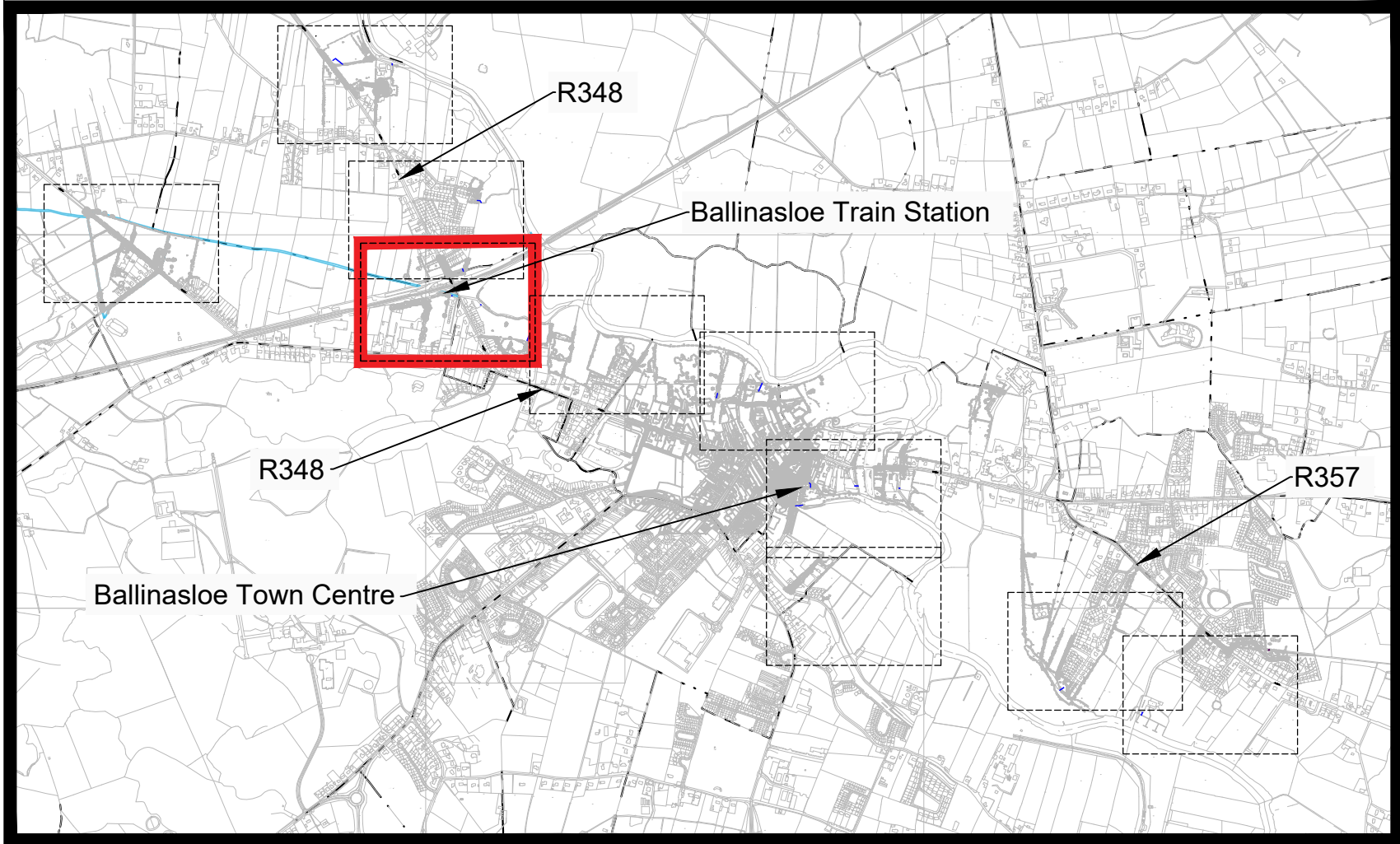
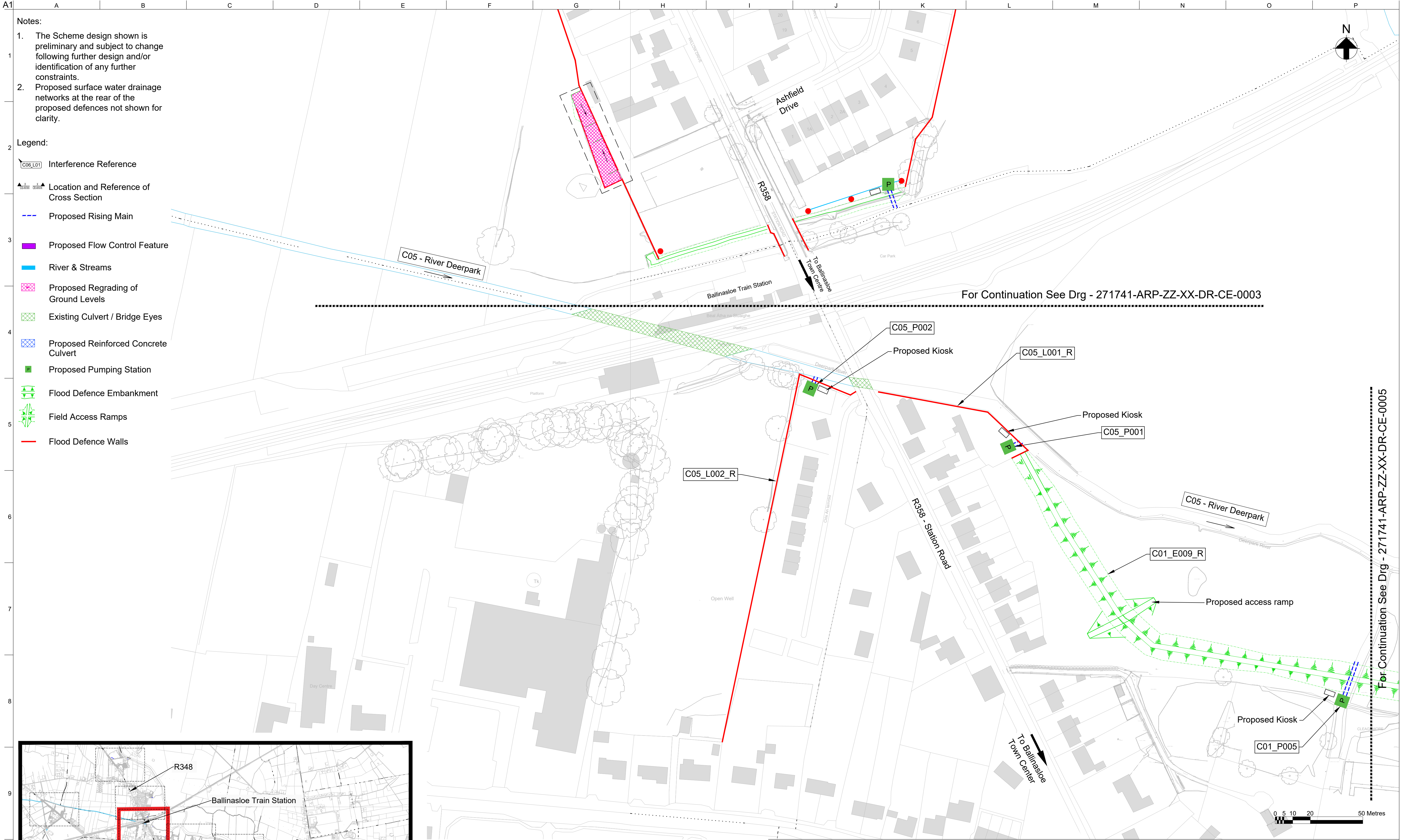
Ballinasloe
Flood Relief Scheme

Drawing Title

Area 3 : Derrymullen South
Plan Layout

ARUP RYAN HANLEY

One Albert Quay
Cork, Ireland
Tel +353 (0)21 422 3200
www.arup.com
Scale at A1 1:1000
Plot ID
Drawing Status
S2 - Suitable for Information
Job No 271741-00
Drawing No 271741-ARP-ZZ-XX-DR-CE-0003
Issue **P05**



Schedule Ref.	General Description of New Works
C01_E009_R	1.7m high (typical),816m long Flood Defence embankment,3m wide crown
C01_P005	Proposed surface water pumping station with stream offtake
C05_L001_R	1.3m high (typical),105m long Flood Defence wall
C05_L002_R	1.3m high (typical), 248m long Flood Defence wall
C05_P001	Proposed emergency foul water pumping station to mitigate flood risk from existing foul drainage network (provisional) discharging to River Deerpark
C05_P002	Proposed surface water pumping station discharging to River Deerpark

DRAFT					
P03	15/10/24	TA	AR	AL	
P02	22/02/24	TA	AR	AL	
P01	12/02/24	TA	AR	AL	
Issue	Date	By	Chkd	Appd	



Job Title

Ballinasloe
Flood Relief Scheme

Drawing Title

Area 4: Station Rd & Sarsfield Rd
Plan Layout Sheet 1 of 3

ARUP RYAN HANLEY

One Albert Quay
Cork, Ireland
Tel +353 (0)21 422 3200
www.arup.com

Scale at A1 1:1000

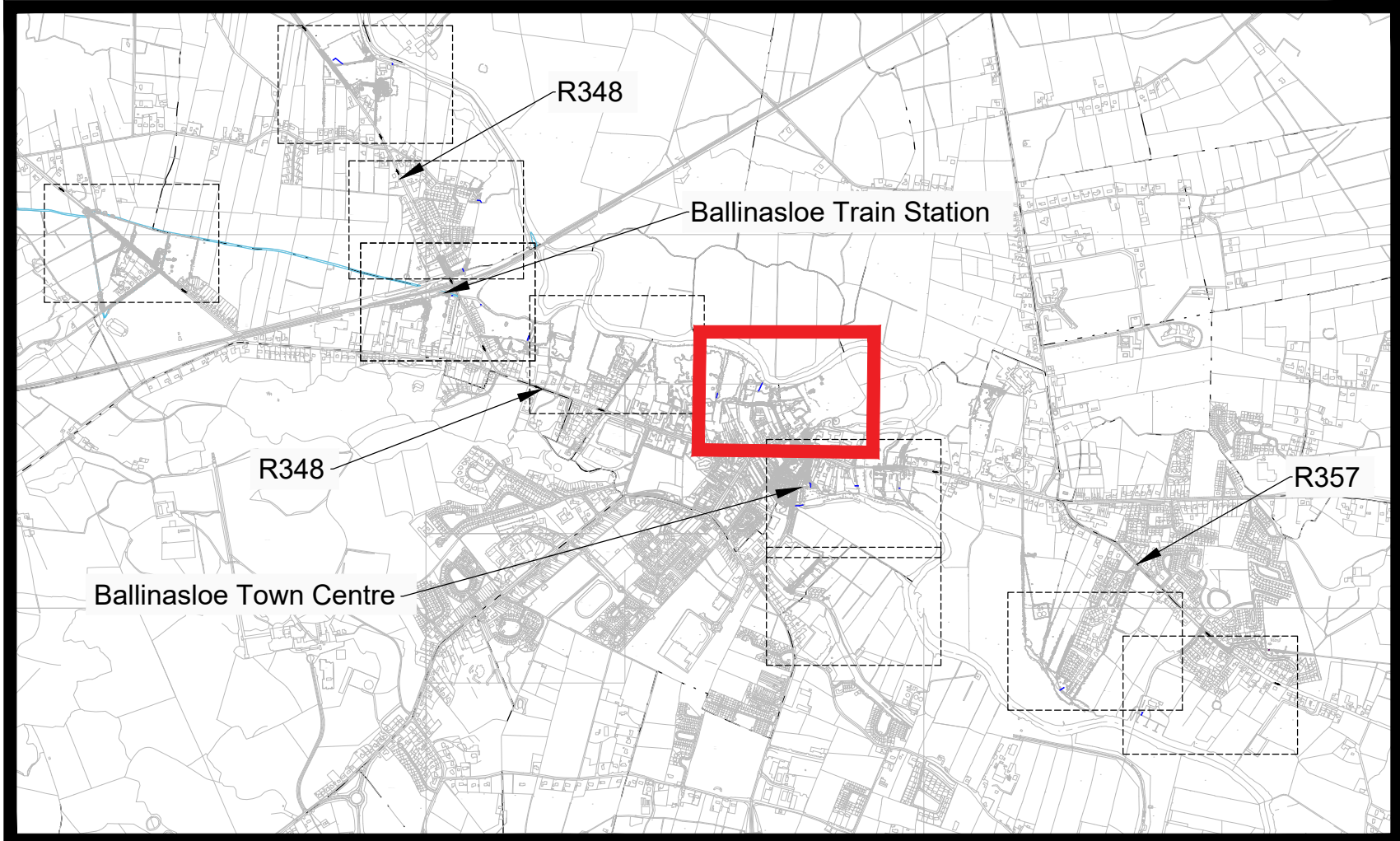
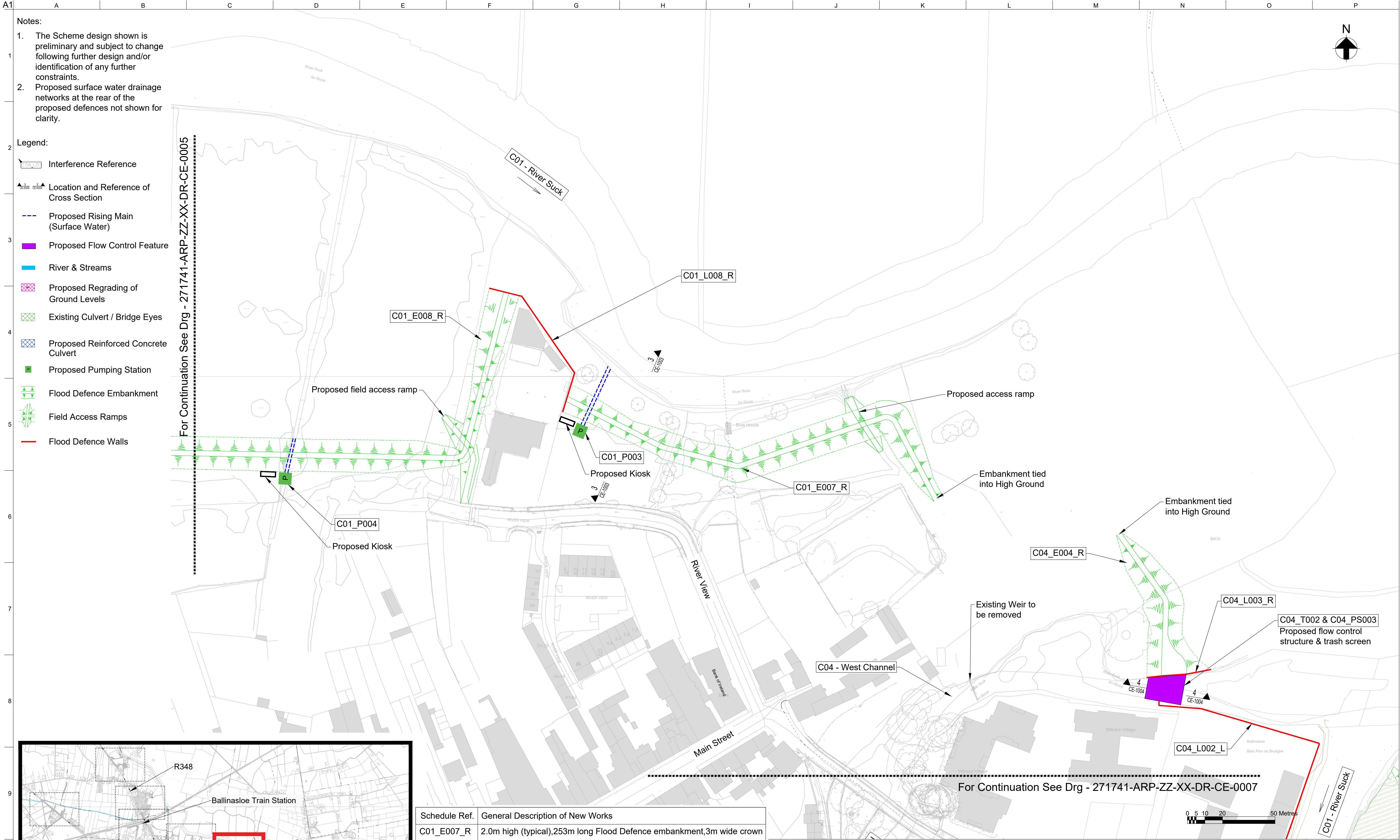
Plot ID

Drawing Status

S2 - Suitable for Information

Job No 271741-00 Drawing No 271741-ARP-ZZ-XX-DR-CE-0004 Issue P03







Schedule Ref.	General Description of New Works
C01_E007_R	2.0m high (typical),253m long Flood Defence embankment,3m wide crown
C01_L008_R	2.4m high (typical),76m long Flood Defence wall
C01_E008_R	1.7m high (typical),588m long Flood Defence embankment,3m wide crown
C01_P003	Proposed surface water pumping station discharging to River Suck
C01_P004	Proposed surface water pumping station discharging to River Suck
C04_E004_R	2.5m high (typical),90m long Flood Defence embankment,3m wide crown
C04_L002_L	2.0m high (typical),100m long Flood Defence wall
C04_L003_R	2.5m high (typical),37m long Flood Defence wall
C04_T002	Trash screen
C04_PS003	Flow control structure incorporating 4 nr. penstocks to isolate West Channel during flood events

DRAFT

P04	10/02/25	TA	AR	AL
P03	15/10/24	TA	AR	AL
P02	22/02/24	TA	AR	AL
P01	12/02/24	TA	AR	AL
Issue	Date	By	Chkd	Appd

Client



in conjunction with :


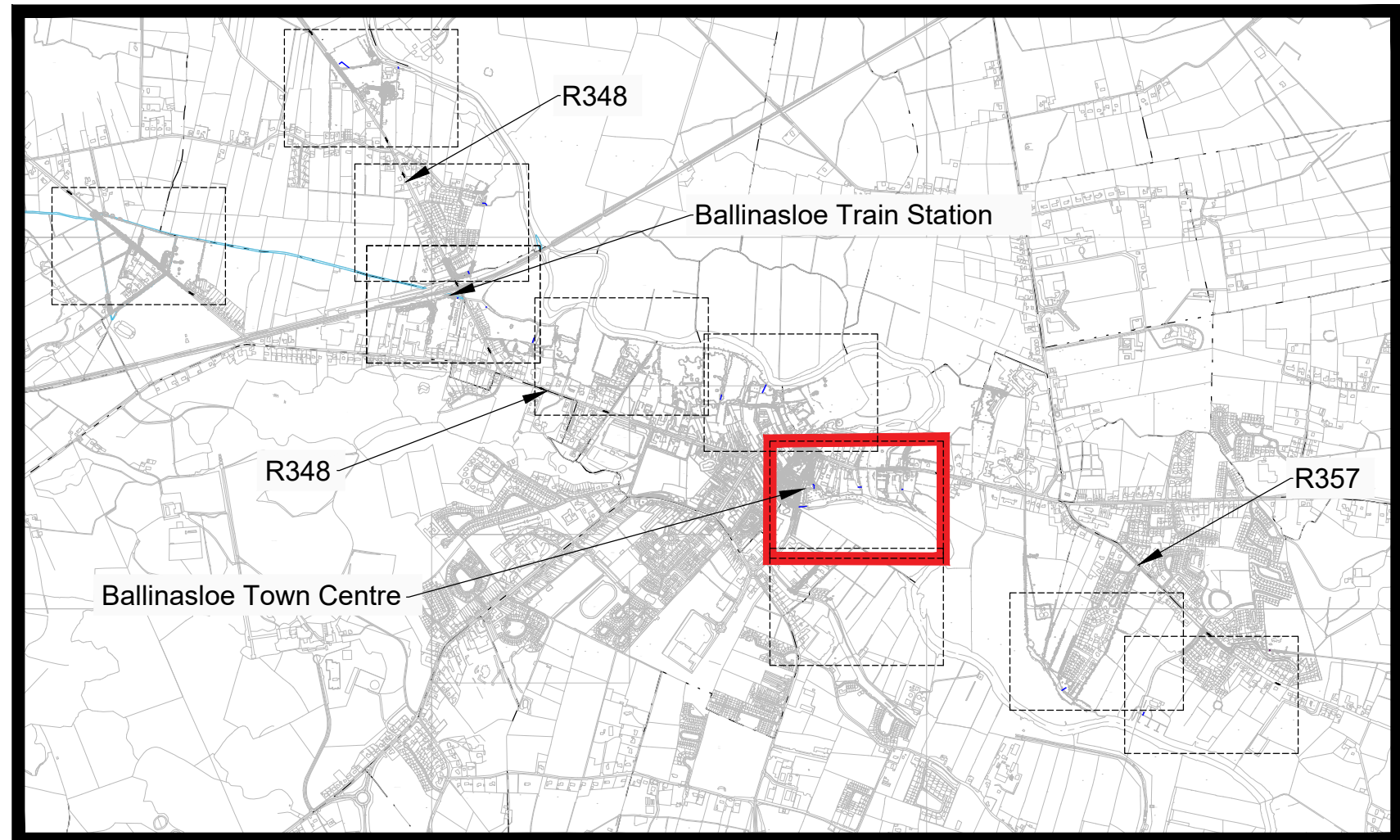
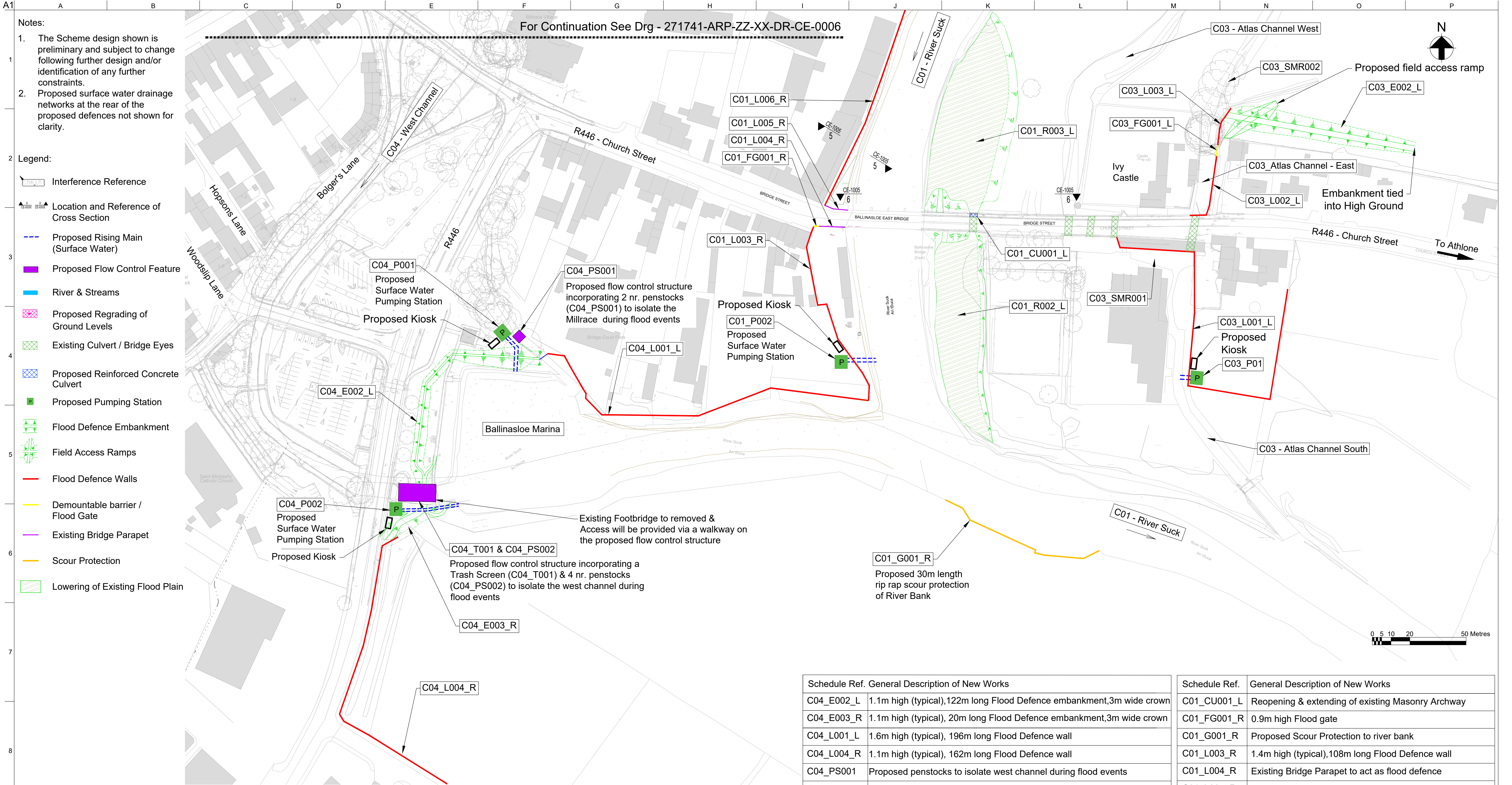
Job Title

Ballinasloe
Flood Relief Scheme

Drawing Title

Area 4 : Station Rd & Sarsfield Rd
Plan Layout Sheet 3 of 3


One Albert Quay
Cork, Ireland
Tel +353 (0)21 422 3200
www.arup.com
Scale at A1 1:1000
Plot ID
Drawing Status
S2 - Suitable for Information
Job No 271741-00
Drawing No 271741-ARP-ZZ-XX-DR-CE-0006
Issue **P04**



For Continuation See Drg - 271741-ARP-ZZ-XX-DR-CE-0008

Schedule Ref.	General Description of New Works
C03_E002_L	1.0m high (typical), 104m long Flood Defence embankment, 3m wide crown
C03_L001_L	1.0m high (typical), 222m long Flood Defence wall
C03_L002_L	0.9m high (typical), 41m long Flood Defence wall
C03_L003_L	0.9m high (typical), 22m long Flood Defence wall
C03_FG001_L	0.9m High Flood Gate
C03_P001	Surface Water Pumpstation discharging into the Atlas Channel - South
C03_SMR001 & C03_SMR002	Coppicing of existing in-channel vegetation and tree growth, over full length of existing Atlas channel. Existing bankside trees within the Atlas Channel to be pruned as necessary to mitigate risk of channel blockage

Schedule Ref.	General Description of New Works
C04_E002_L	1.1m high (typical), 122m long Flood Defence embankment, 3m wide crown
C04_E003_R	1.1m high (typical), 20m long Flood Defence embankment, 3m wide crown
C04_L001_L	1.6m high (typical), 196m long Flood Defence wall
C04_L004_R	1.1m high (typical), 162m long Flood Defence wall
C04_PS001	Proposed penstocks to isolate west channel during flood events
C04_T001	Proposed trash screen
C04_PS002	Proposed penstocks to isolate west channel during flood events
C04_P001	Surface Water Pumpstation discharging into the Marina
C04_P002	Surface Water Pumpstation discharging into the Marina

Schedule Ref.	General Description of New Works
C01_CU001_L	Reopening & extending of existing Masonry Archway
C01_FG001_R	0.9m high Flood gate
C01_G001_R	Proposed Scour Protection to river bank
C01_L003_R	1.4m high (typical), 108m long Flood Defence wall
C01_L004_R	Existing Bridge Parapet to act as flood defence
C01_L005_R	Existing Bridge Parapet to act as flood defence
C01_L006_R	2.0m high (typical), 127m long Flood Defence wall
C01_P002	Surface Water Pumpstation discharging into the River Suck
C01_R002_L	Lowering of flood plain ground level by average 1.8m to match invert level of reopened bridge arch
C01_R003_L	Lowering of flood plain ground level by average 1.9m to match invert level of reopened bridge arch

DRAFT



Issue	Date	By	Chkd	Appd
P04	10/02/25	TA	AR	AL
P03	15/10/24	TA	AR	AL
P02	22/02/24	TA	AR	AL
P01	12/02/24	TA	AR	AL

Job Title

Ballinasloe Flood Relief Scheme

Drawing Title

Area 5 : Town Center Sh 1 of 2 Plan Layout

ARUP RYAN HANLEY

One Albert Quay
Cork, Ireland
Tel +353 (0)21 422 3200
www.arup.com
Scale at A1 1:1000
Plot ID

Drawing Status

S2 - Suitable for Information

Job No	Drawing No	Issue
271741-00	271741-ARP-ZZ-XX-DR-CE-0007	P04