12.1.1
Ecological Study Areas: Bat Activity Transect Routes

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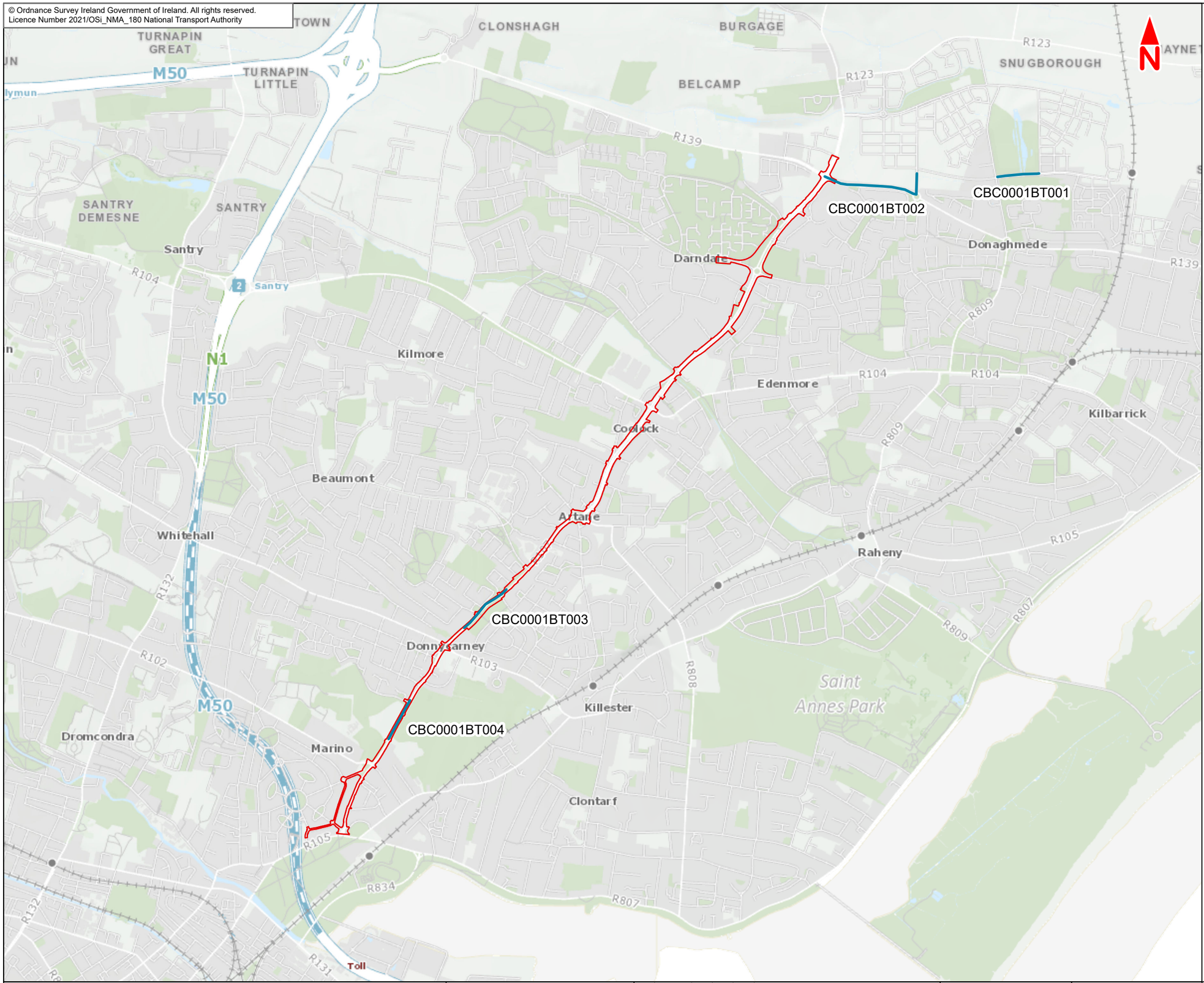

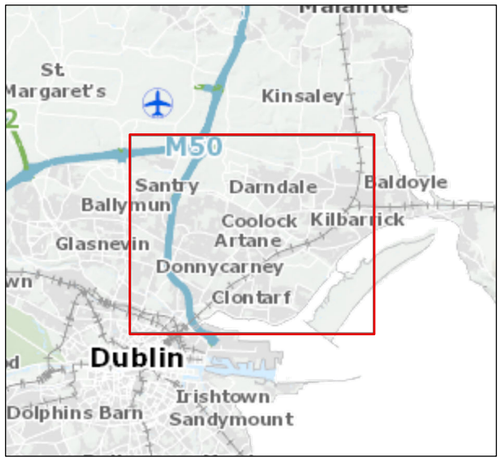

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Bat Survey Transects

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0 0.2 0.4 0.6 0.8 1 km

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
11/30/2021	1:25 000	EK	PW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.1.1
Ecological Survey Study Areas: Bat Activity Transect Routes

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0101	1 of 1	A	M01

12.1.2
Ecological Study Areas: Wintering Bird Survey Sites

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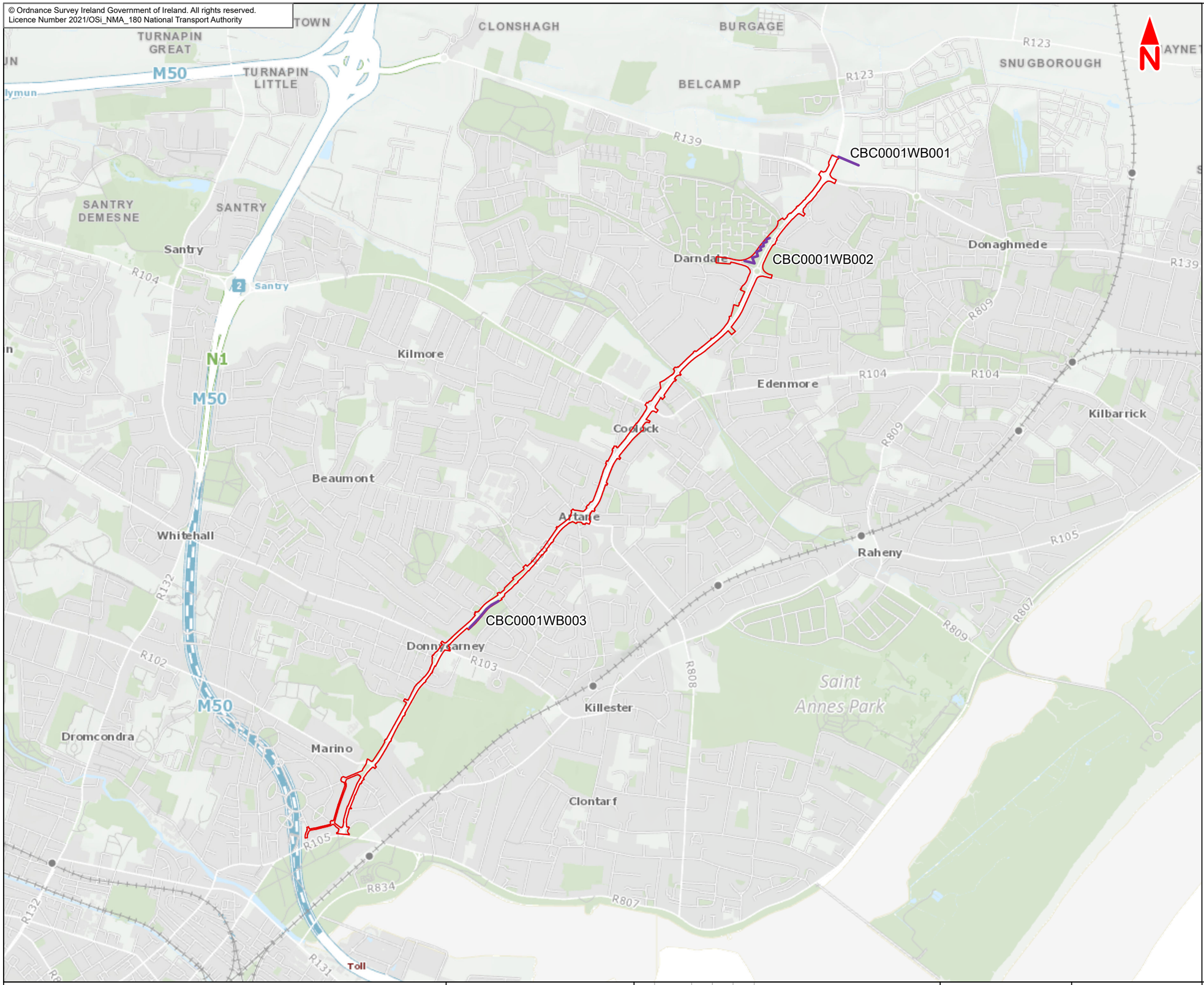

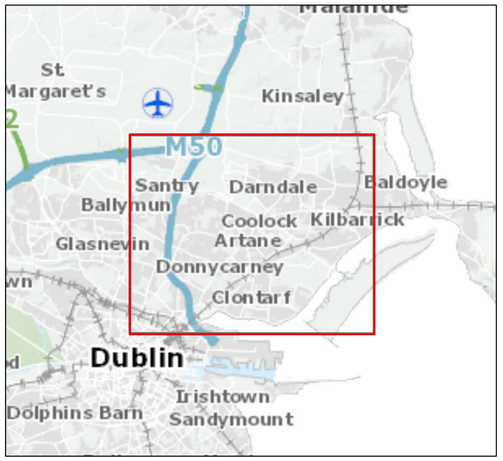

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Wintering Bird Survey Transects

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0 0.2 0.4 0.6 0.8 1 km

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.1.2
Ecological Survey Study Areas: Wintering Bird Survey Sites

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0301	1 of 1	A	M01

12.2
Hydrological Connectivity to the Proposed Scheme

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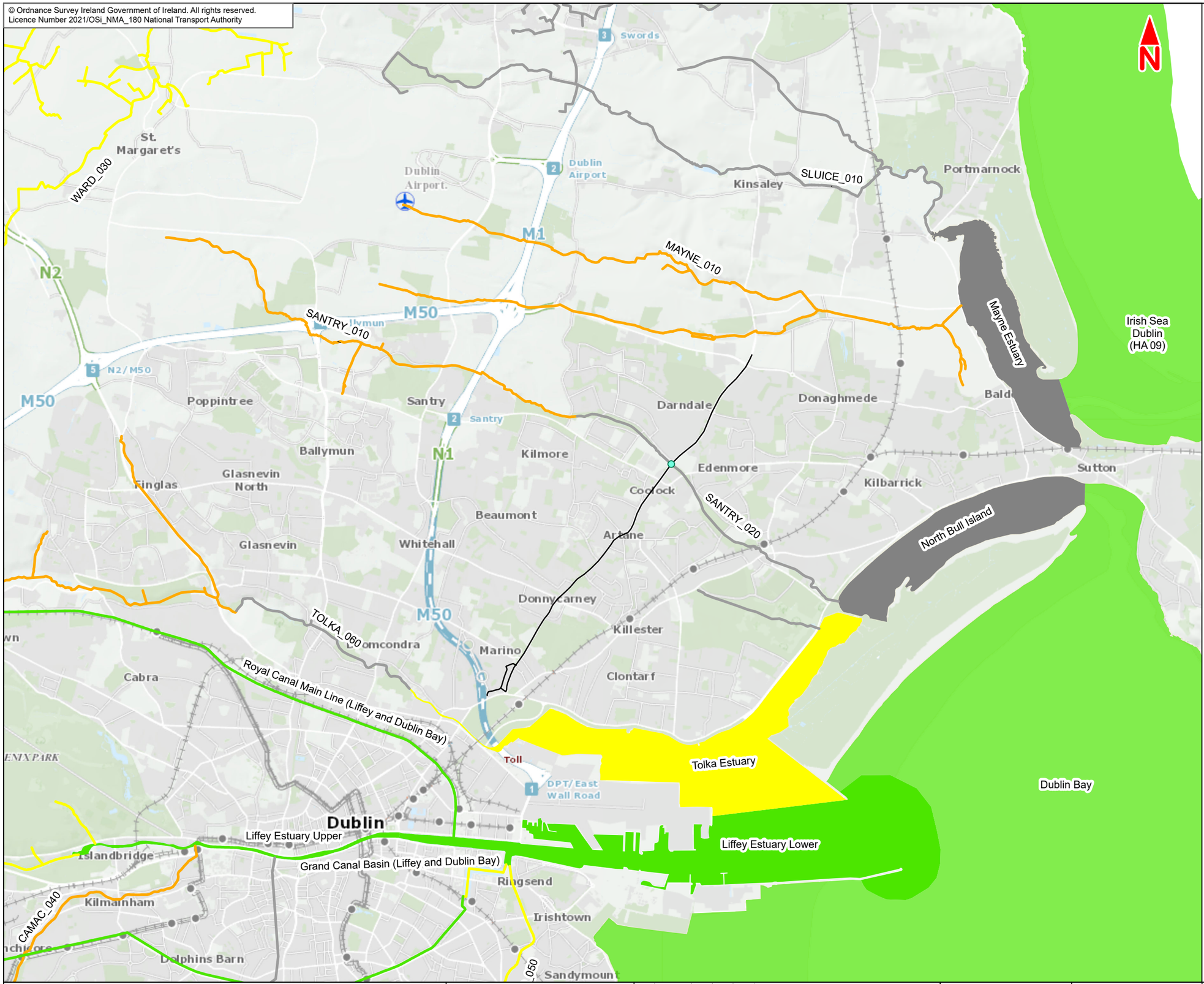

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Scheme Waterbody Crossings

River Waterbody WFD Status 2013 - 2018

- Moderate
- Poor
- Unassigned

Canal Waterbody WFD Status 2013 - 2018

- Good
- Moderate

Transitional Waterbody WFD Status 2013 - 2018

- Good
- Moderate
- Unassigned

Coastal Waterbody WFD Status 2013 - 2018

- Good

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0 0.5 1 1.5 2 2.5 km

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Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.2
Hydrological Connectivity to the Proposed Scheme

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0003	1 of 1	A	M01

12.3
European Sites in the Vicinity of the Proposed Scheme

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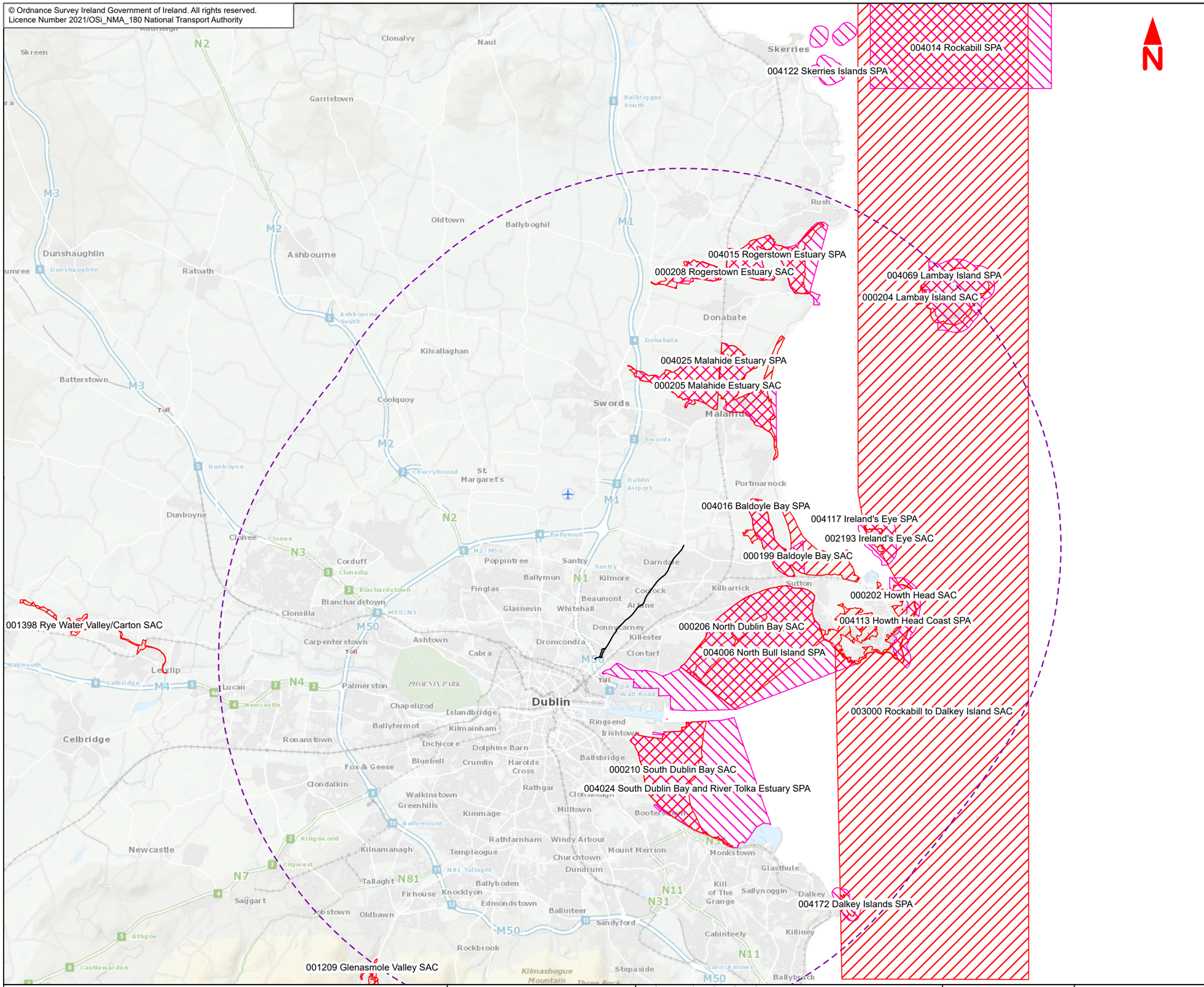

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- 15km from Proposed Scheme
- Special Protection Areas (SPA)
- Special Area of Conservation (SAC)

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0 1.5 3 4.5 6 7.5 km

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Consultant: Jacobs ARUP SYSTRA

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.3
European sites in the Vicinity of the Proposed Scheme

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0001	1 of 2	A	M01

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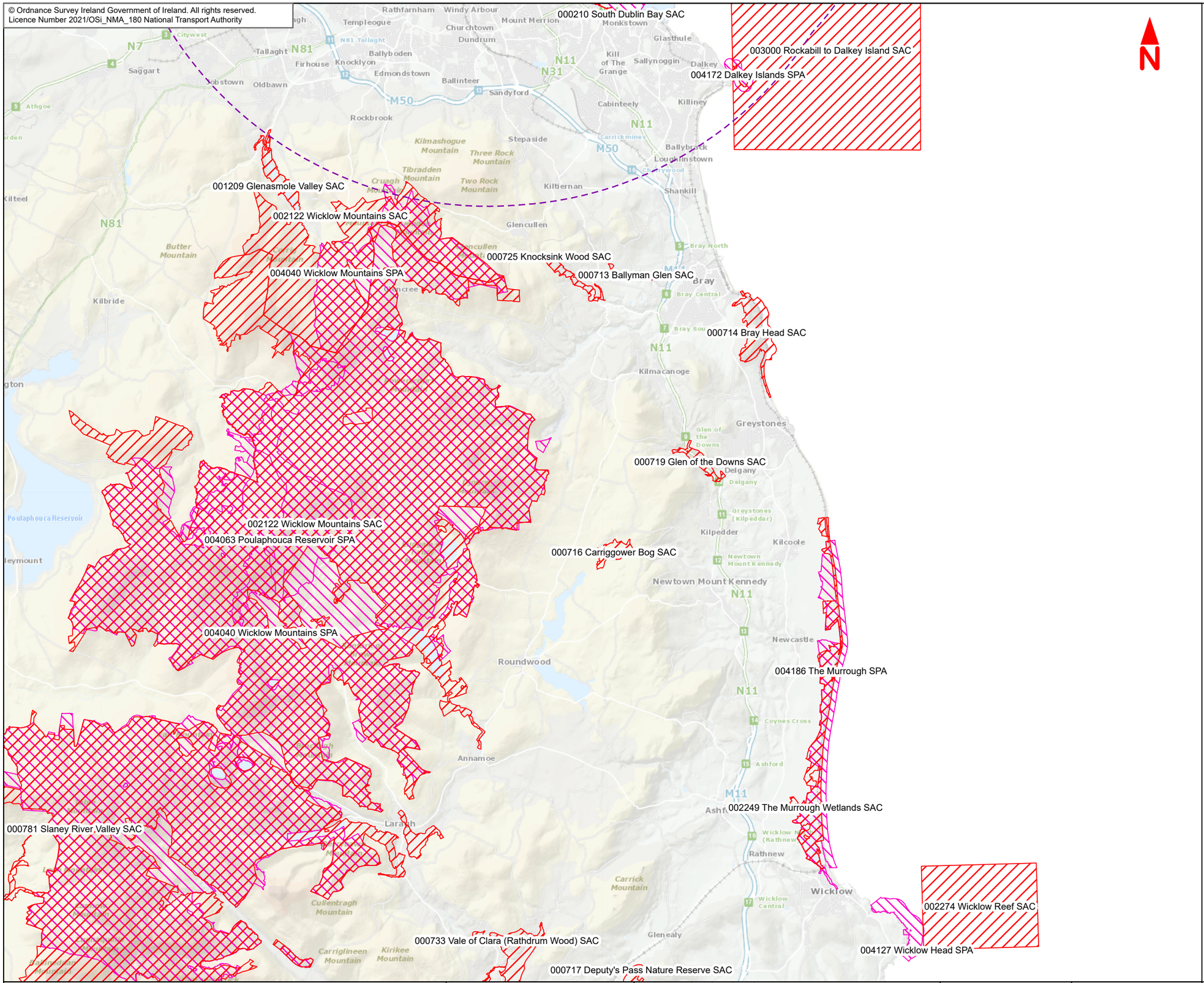

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- 15km from Proposed Scheme
- Special Protection Areas (SPA)
- Special Area of Conservation (SAC)

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0 1.5 3 4.5 6 7.5 km

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Project Code: BCIDE	Originator Code: JAC	QMS Code		

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.3
European sites in the Vicinity of the Proposed Scheme

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0091	2 of 2	A	M01

12.4
Natural Heritage Areas and the Proposed Natural Heritage Areas in the Vicinity of the Proposed Scheme

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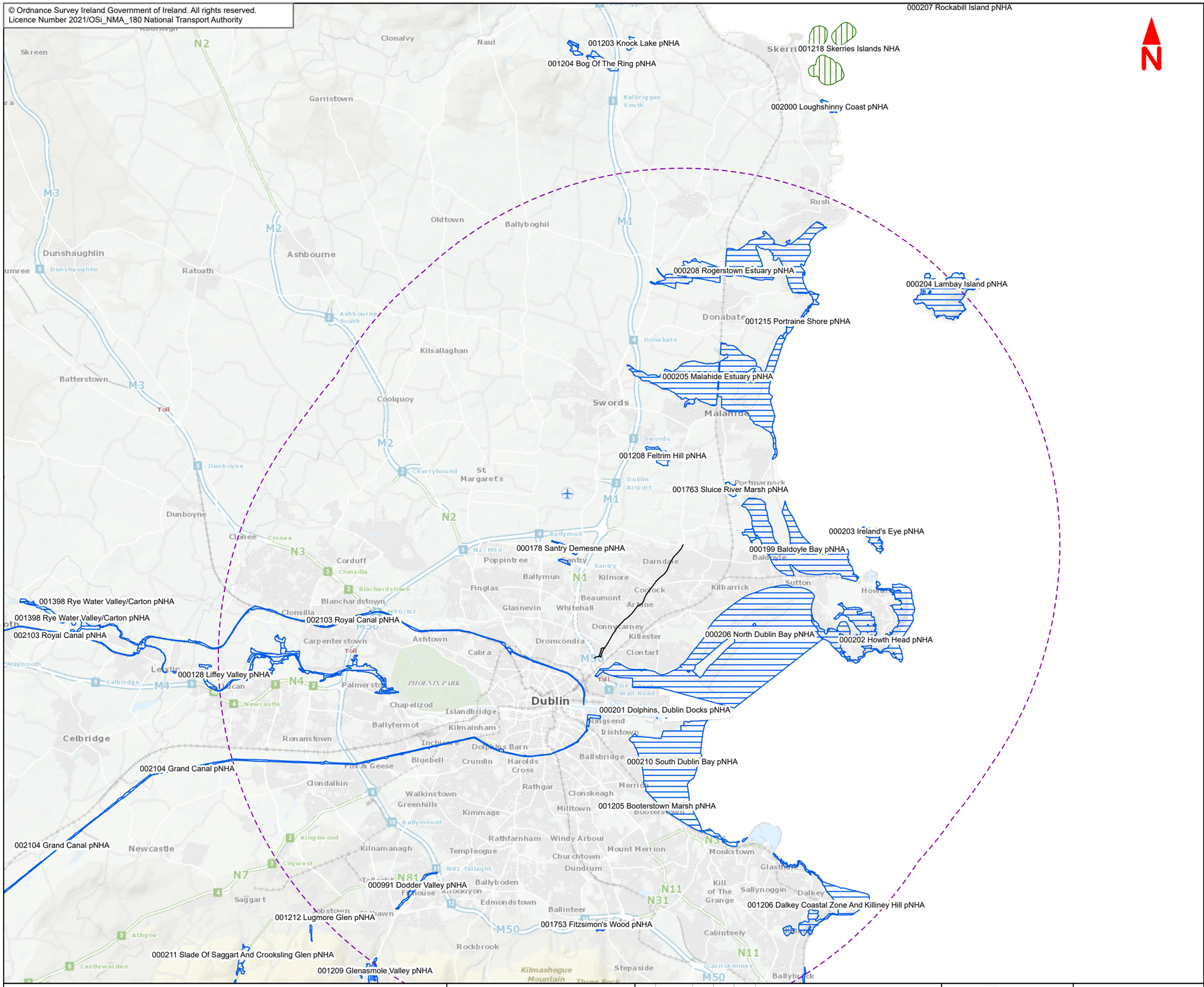

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- 15km from Proposed Scheme
- Natural Heritage Area
- Proposed Natural Heritage Area

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0 2 4 6 8 10 km

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Project Code: BCIDE	Originator Code: JAC	QMS Code		

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.4
Natural Heritage Areas and Proposed Natural Heritage Areas in the Vicinity of the Proposed Scheme

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0002	1 of 2	A	M01

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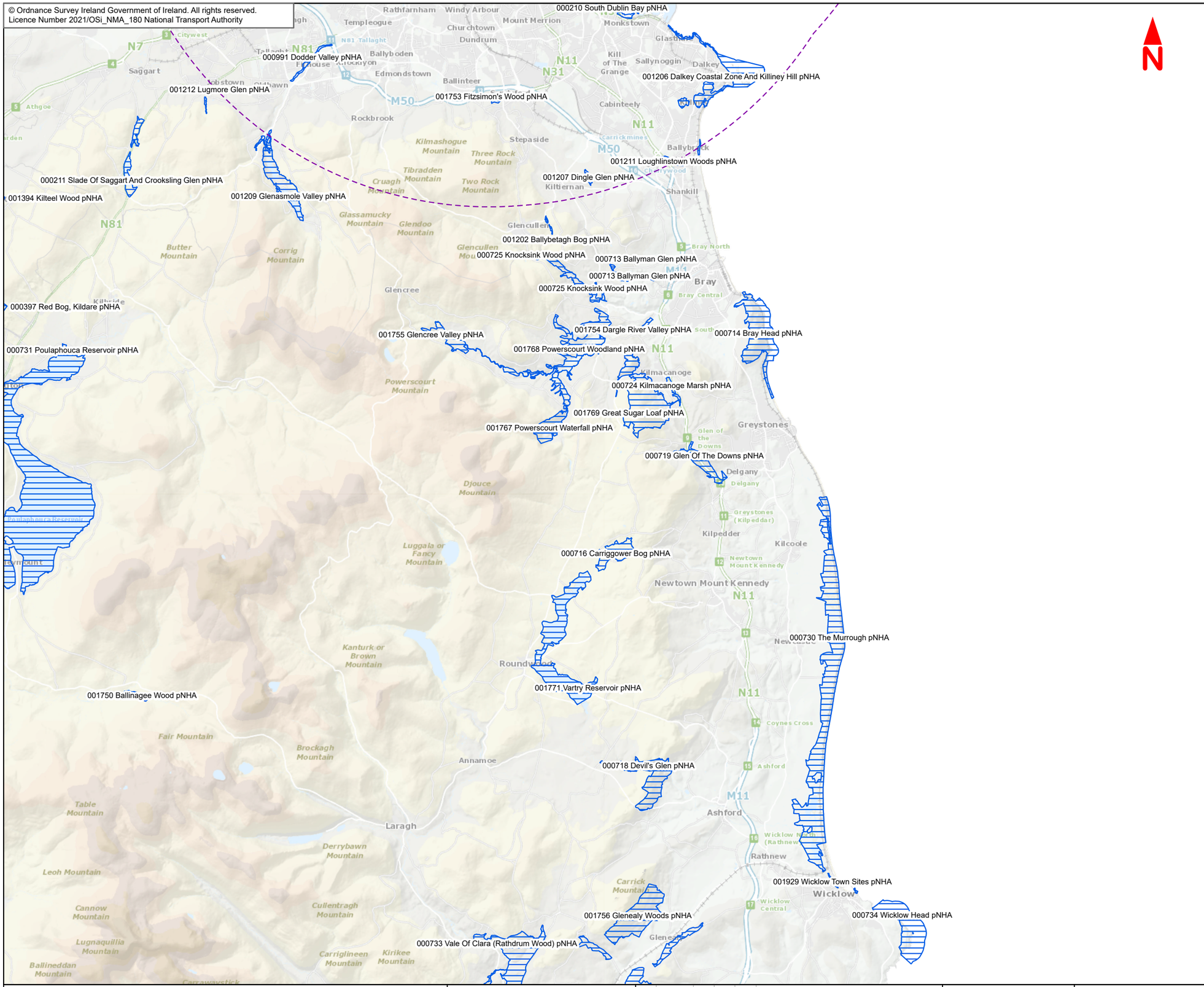

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- 15km from Proposed Scheme
- Natural Heritage Area
- Proposed Natural Heritage Area

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0 2 4 6 8 10 km

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.4
Natural Heritage Areas and Proposed Natural Heritage Areas in the Vicinity of the Proposed Scheme

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0092	2 of 2	A	M01

12.5
Habitat Survey Results – Fossitt 2000 Habitat Classification

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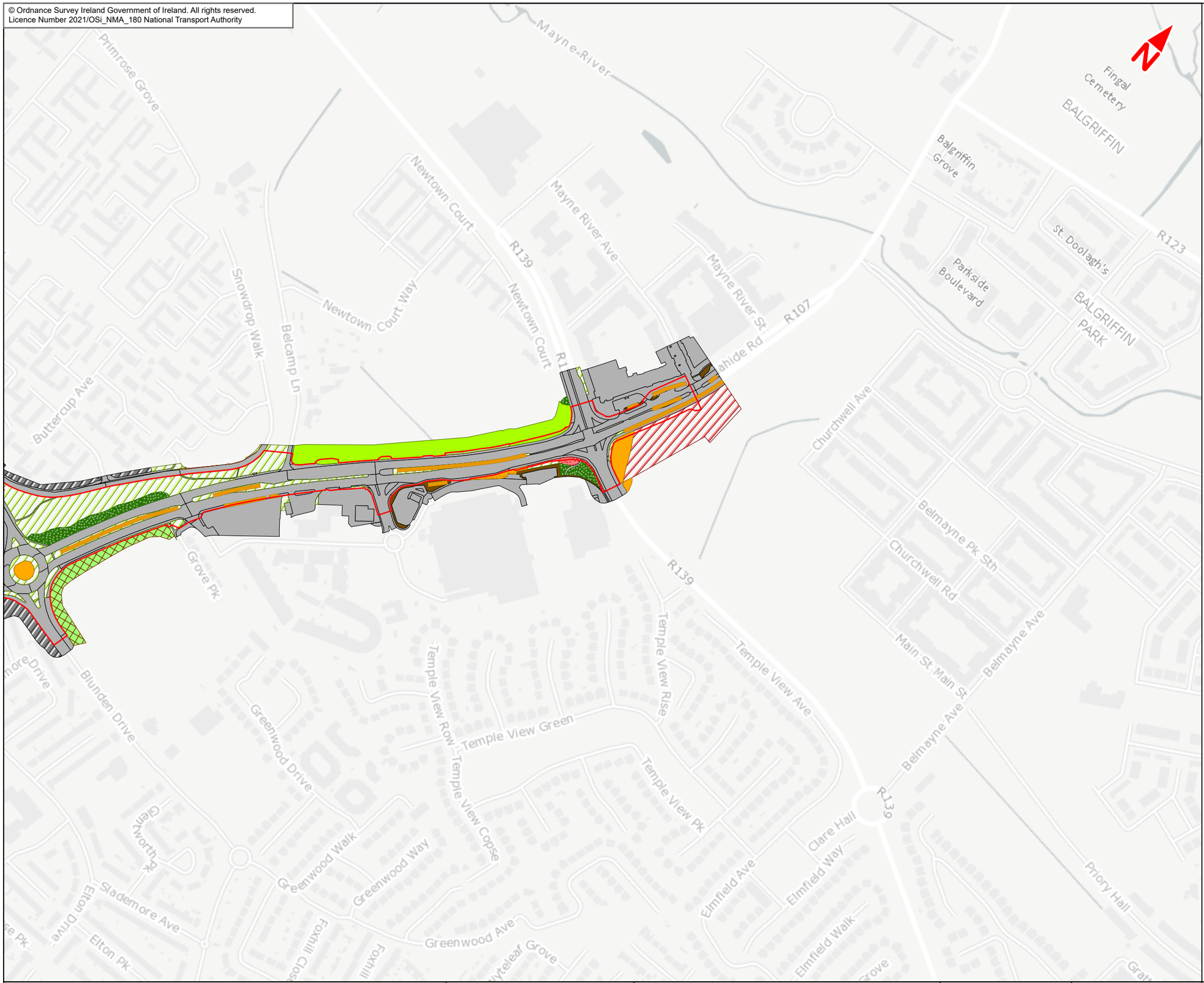

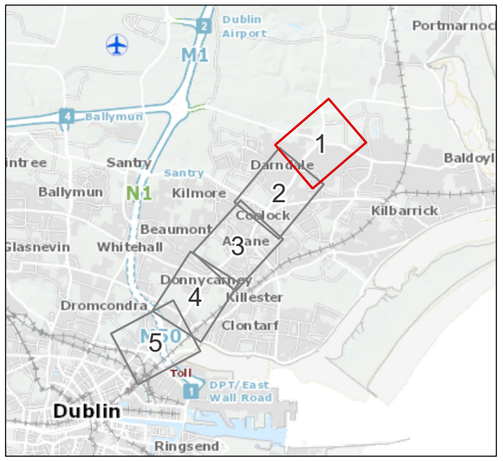

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Fossitt Habitat Types

- WL2
- BC4
- BL3
- ED2
- ED3
- GA2
- GS1
- WD5
- WL1
- WL2
- WS1
- WS3

Other Habitat Type

- Res

Note: For the purposes of the draft mapping the scheme centreline has been used. The scheme footprint will be used in the final mapping.

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0 50 100 150 200 250 m

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Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	Jan 2022	EK	PW	DK	ISSUE FOR PHASE 4 : PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
1/17/2022	1:5 000	EK	PW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.5
Habitat Survey Results - Fossitt 2000 Habitat Classification

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0201	1 of 5	A	M01

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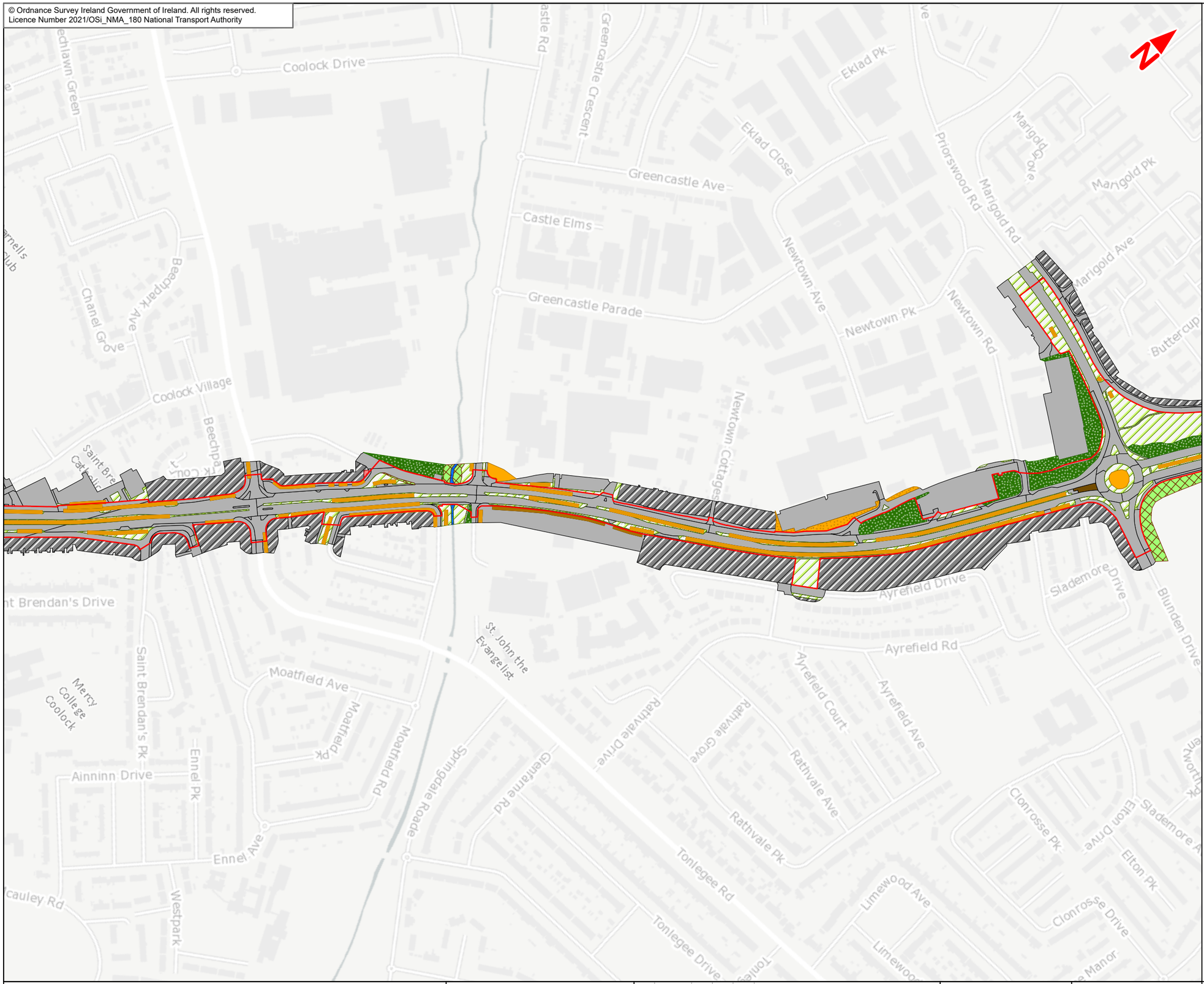

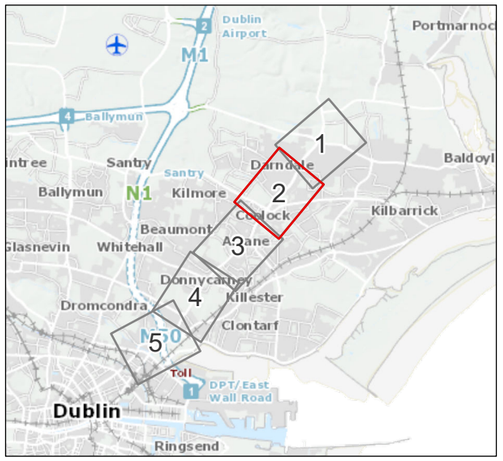

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Fossitt Habitat Types

- WL1
- WL2
- BC4
- BL3
- ED3
- FW2
- GA2
- WD5
- WL2
- WS1
- WS3

Other Habitat Type

- Res

Note: For the purposes of the draft mapping the scheme centreline has been used. The scheme footprint will be used in the final mapping.

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0 50 100 150 200 250 m

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.5
Habitat Survey Results - Fossitt 2000 Habitat Classification

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0202	2 of 5	A	M01

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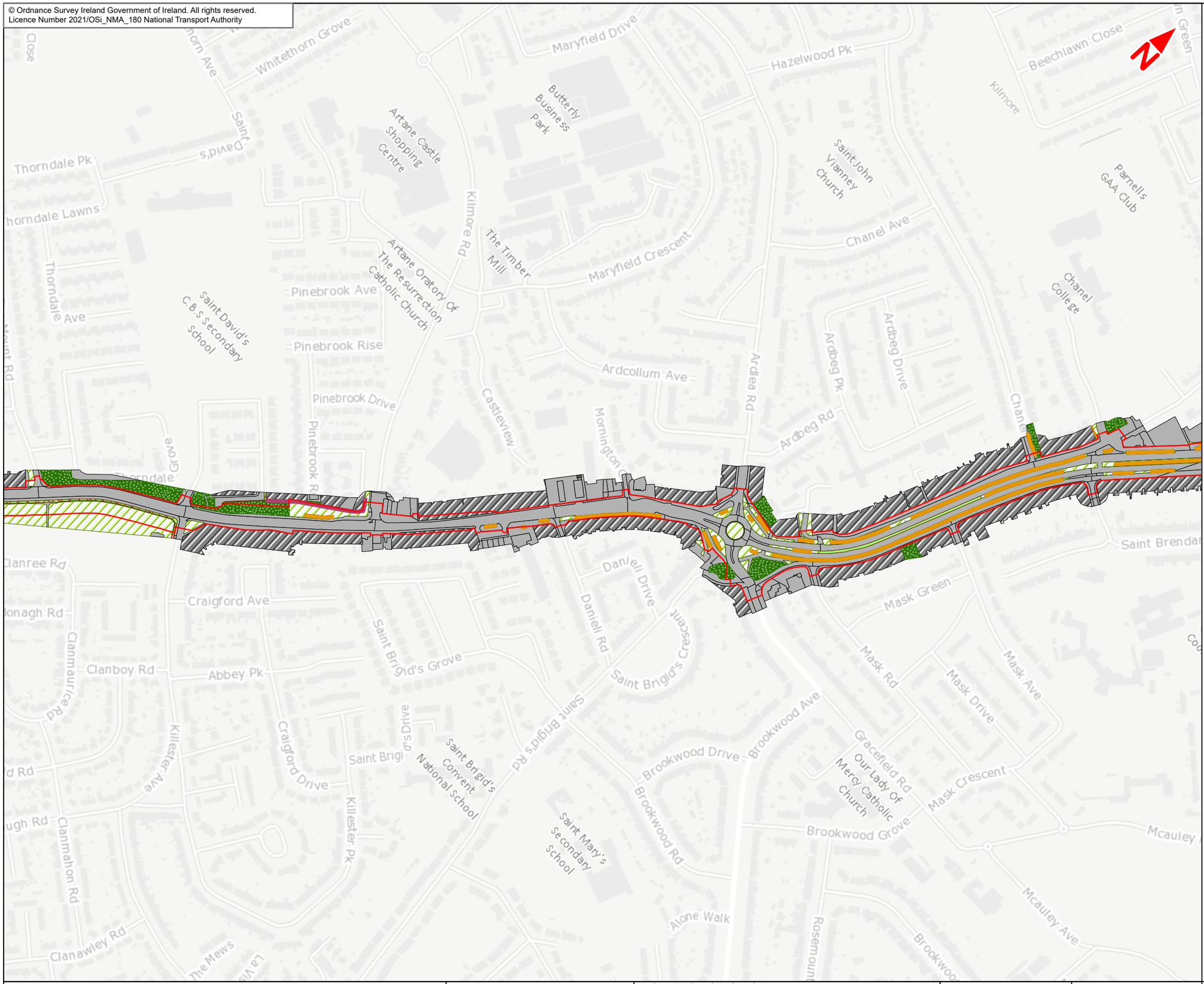

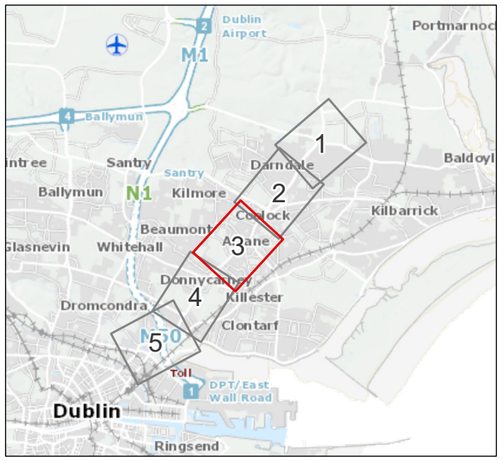

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Fossitt Habitat Types

- BL1
- WL2
- BL3
- ED2
- ED3
- GA2
- WD5
- WL1
- WL2
- WS3

Other Habitat Type

- Res

Note: For the purposes of the draft mapping the scheme centreline has been used. The scheme footprint will be used in the final mapping.

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Project Code	Originator Code	QMS Code
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Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.5
Habitat Survey Results - Fossitt 2000 Habitat Classification

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0203	3 of 5	A	M01

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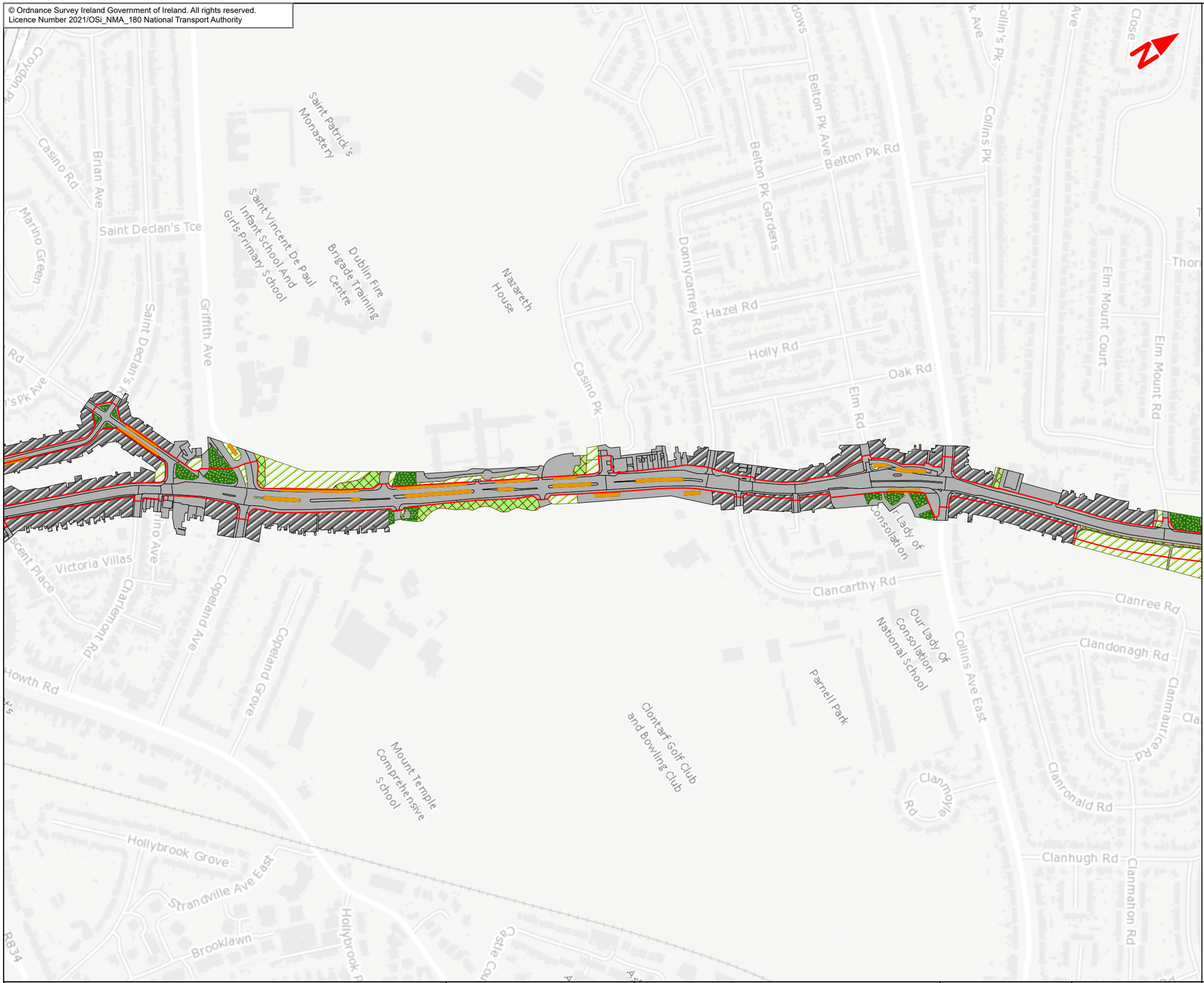

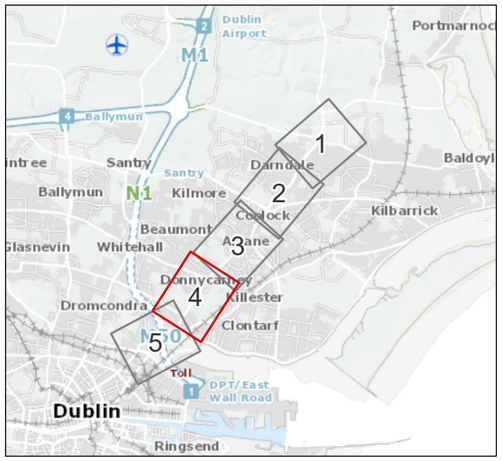

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Fossitt Habitat Types

- WL2
- BL3
- ED3
- GA2
- WD5
- WL2

Other Habitat Type

- Res

Note: For the purposes of the draft mapping the scheme centreline has been used. The scheme footprint will be used in the final mapping.

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.5
Habitat Survey Results - Fossitt 2000 Habitat Classification

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0204	4 of 5	A	M01

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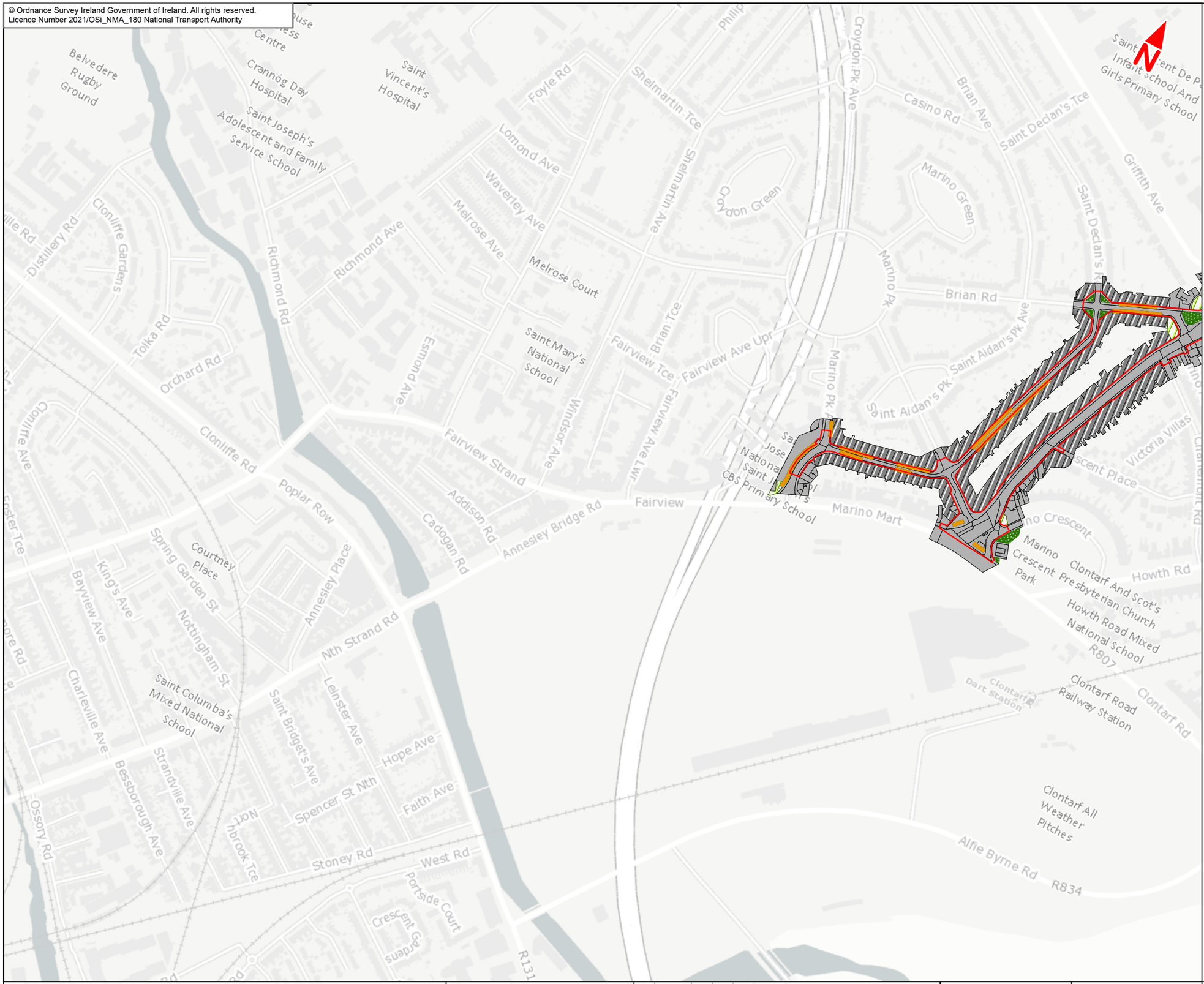

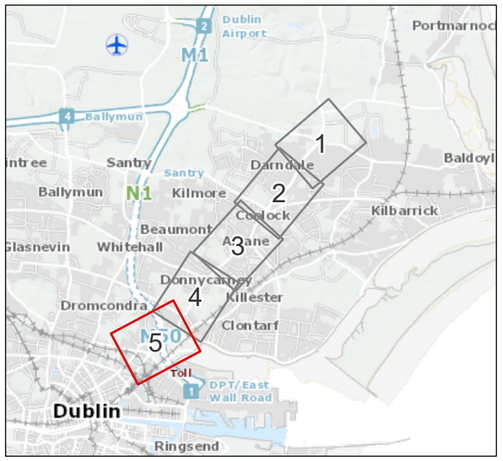

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme

Fossitt Habitat Types

- WL2
- BC4
- BL3
- GA2
- WD5

Other Habitat Type

- Res

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.5
Habitat Survey Results - Fossitt 2000 Habitat Classification

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0205	5 of 5	A	M01

12.6.1
Bat Activity Survey Results

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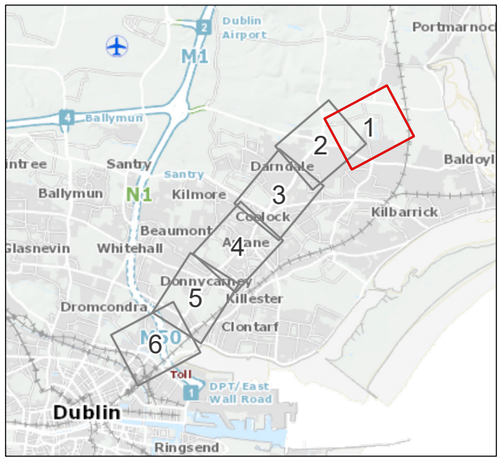

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Bat Survey Transects

Bat Species

- *Nyctalus leisleri*
- *Pipistrellus pipistrellus*
- *Pipistrellus pygmaeus*

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.1
Bat Activity Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0401	1 of 6	A	M01

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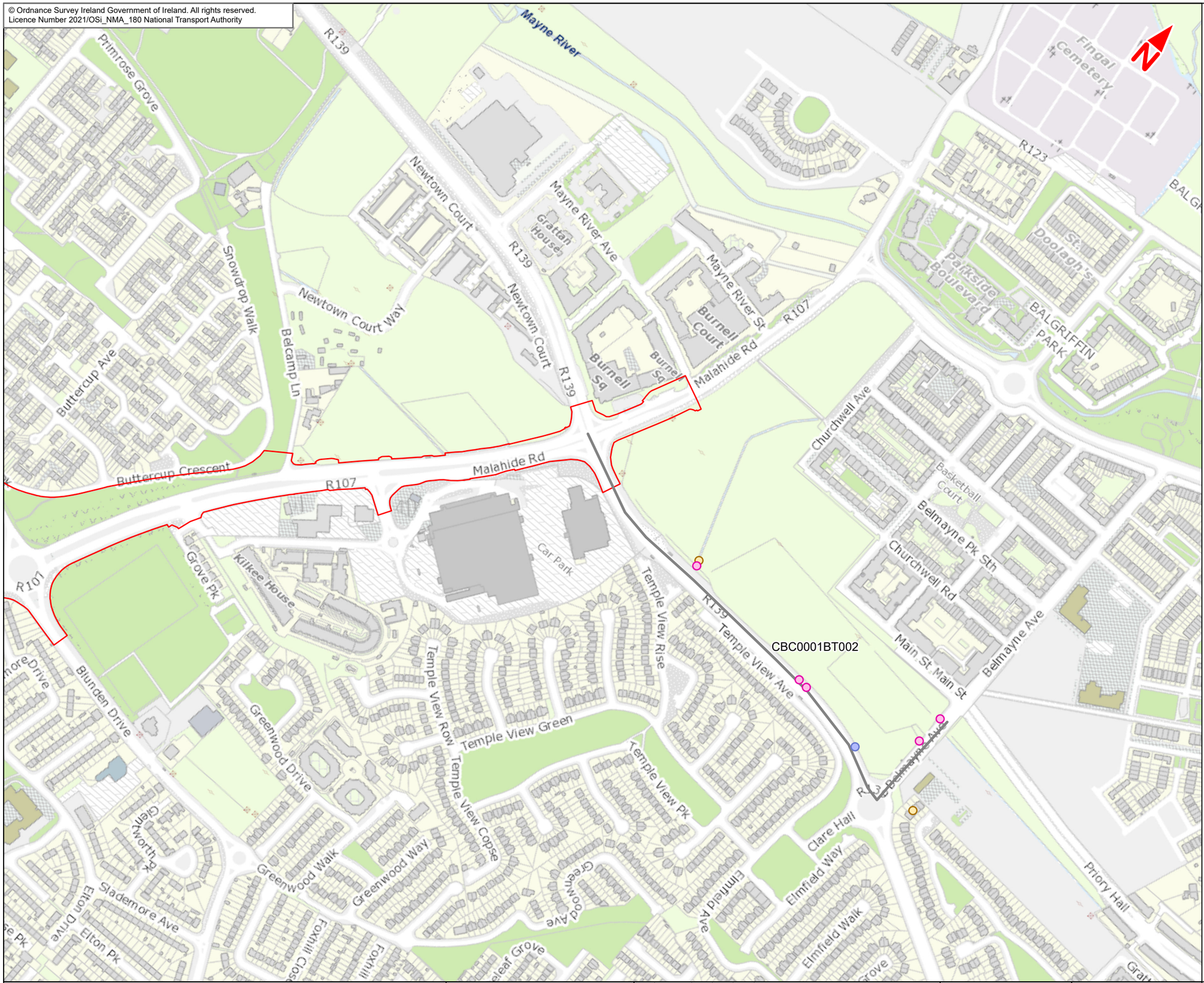

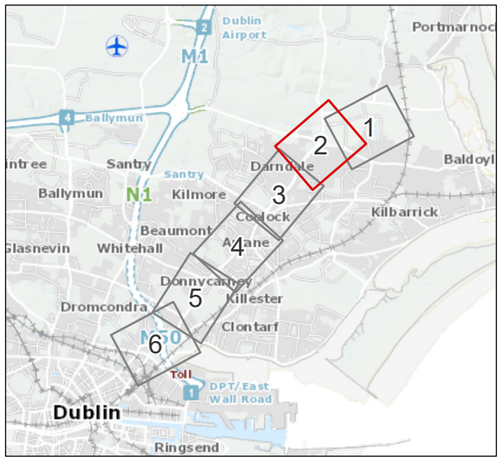

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Bat Survey Transects

Bat Species

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- *Pipistrellus pipistrellus*
- *Pipistrellus pygmaeus*

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Project Code: BCIDE	Originator Code: JAC	QMS Code		

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.1
Bat Activity Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0402	2 of 6	A	M01

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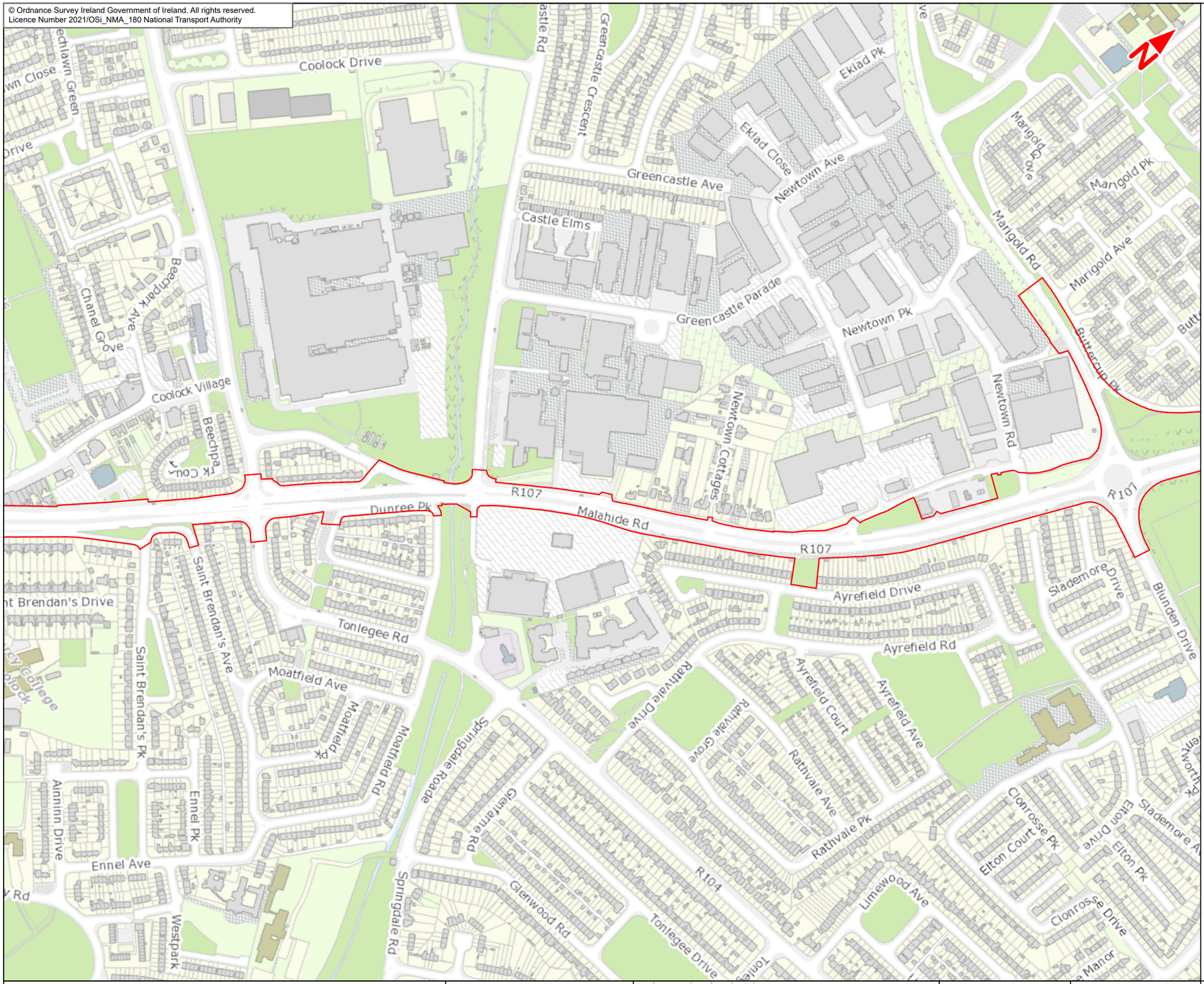

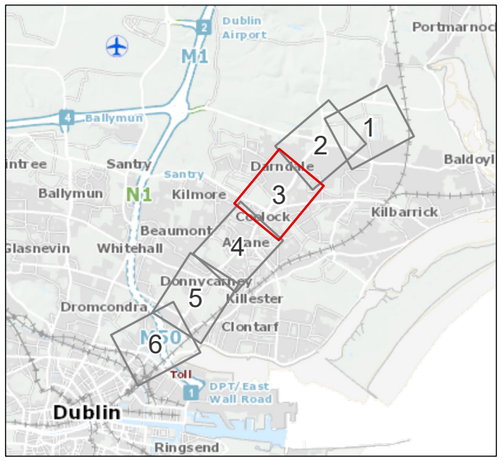

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

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BAR SCALE

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	Nov 2021	EK	PW	DK	ISSUE FOR PHASE 4 : PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
11/30/2021	1:5 000	EK	PW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.1
Bat Activity Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0403	3 of 6	A	M01

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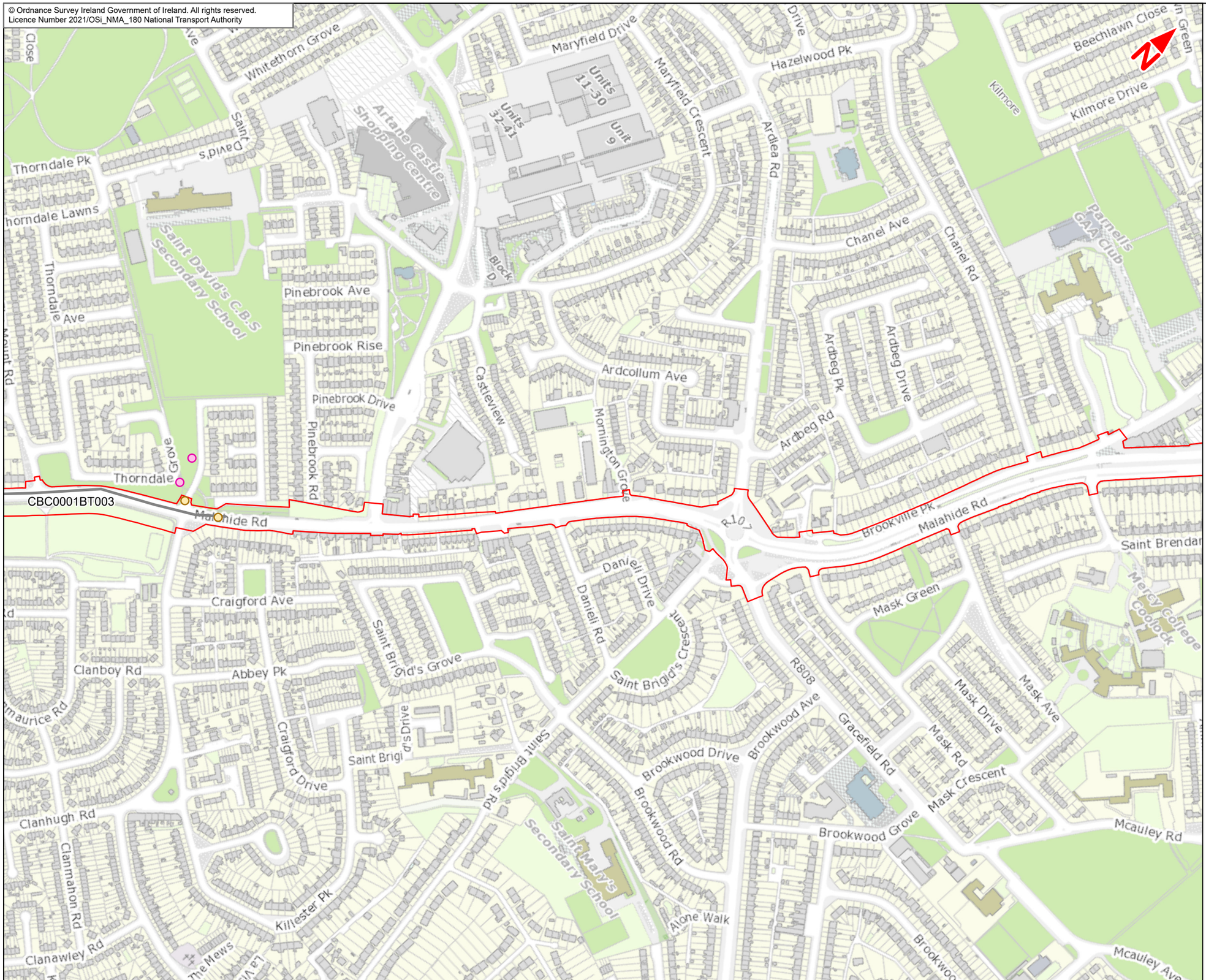

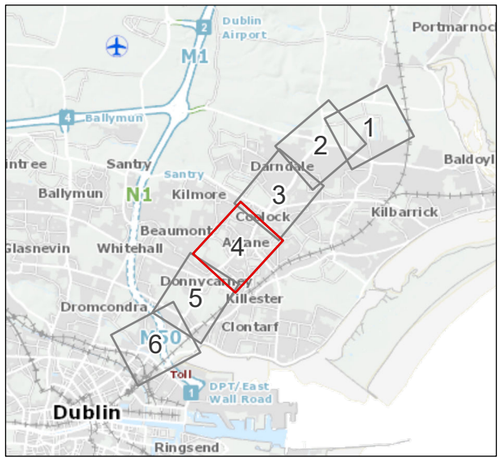

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Bat Survey Transects

Bat Species

- *Nyctalus leisleri*
- *Pipistrellus pipistrellus*

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BCIDE	JAC	

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.1
Bat Activity Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0404	4 of 6	A	M01

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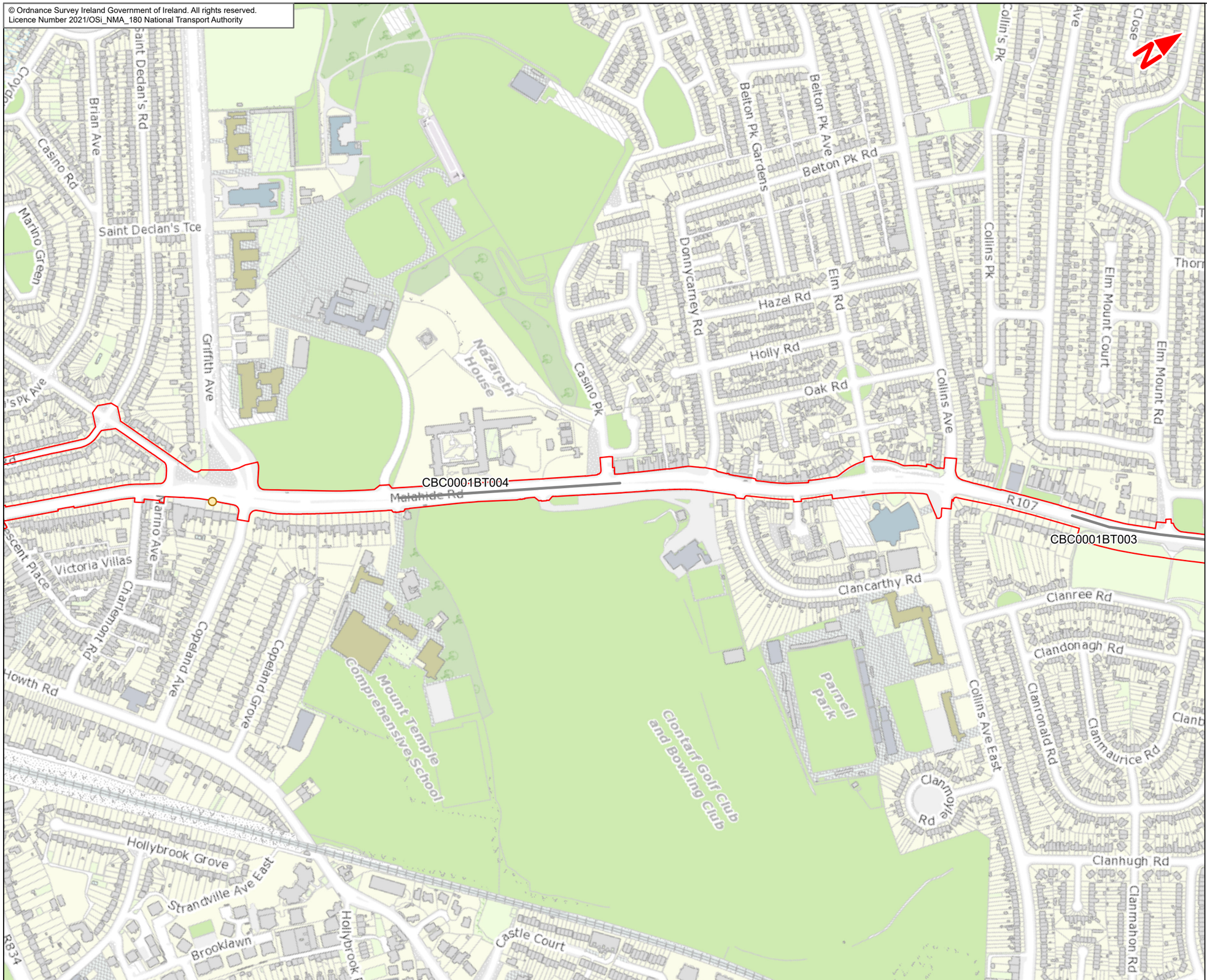

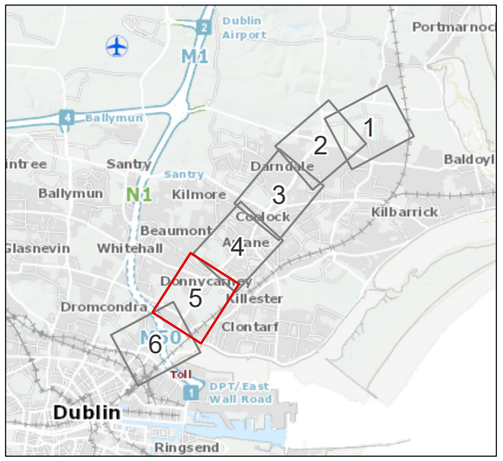

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Bat Survey Transects

Bat Species

- *Nyctalus leisleri*

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Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.1
Bat Activity Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0405	5 of 6	A	M01

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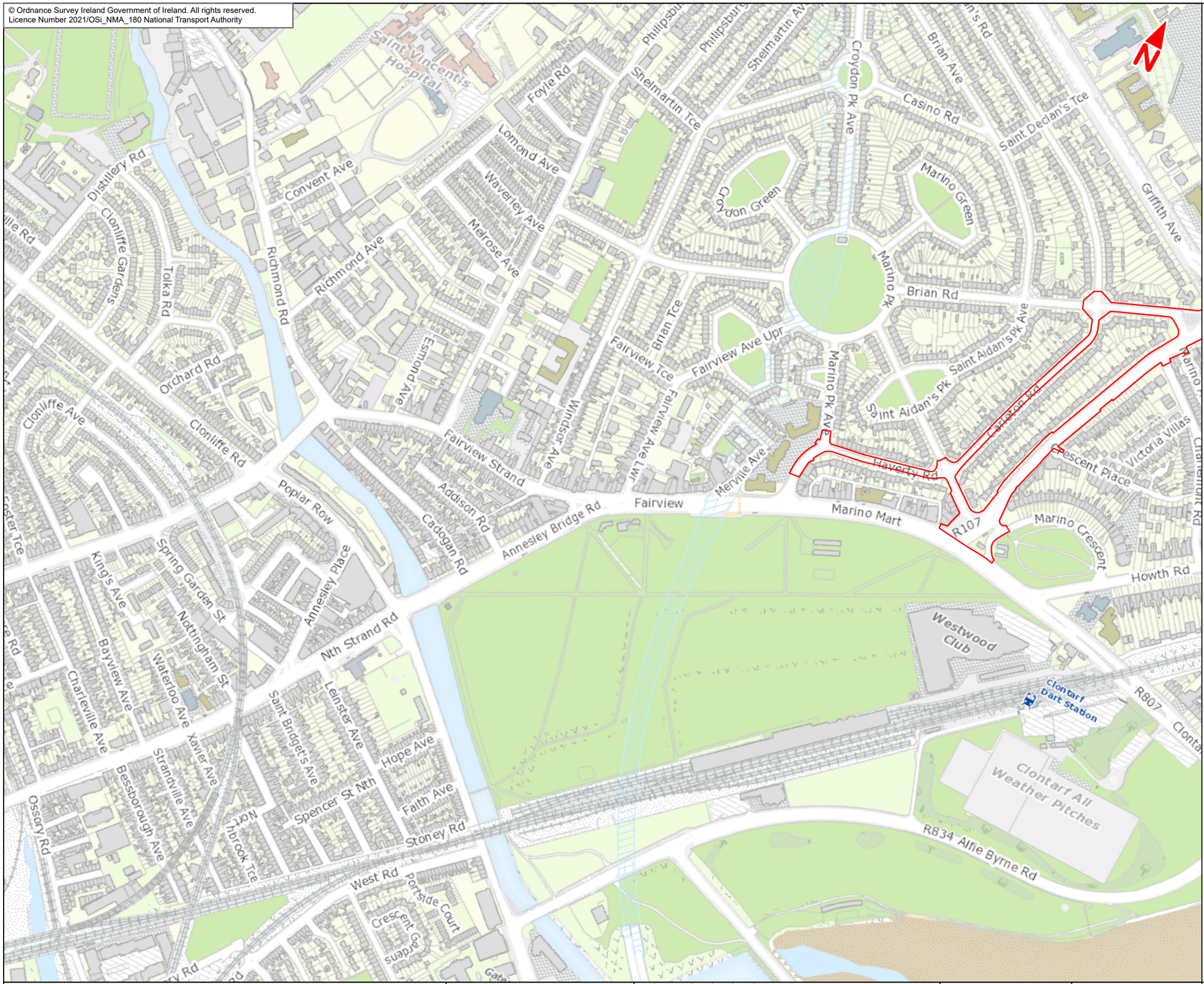

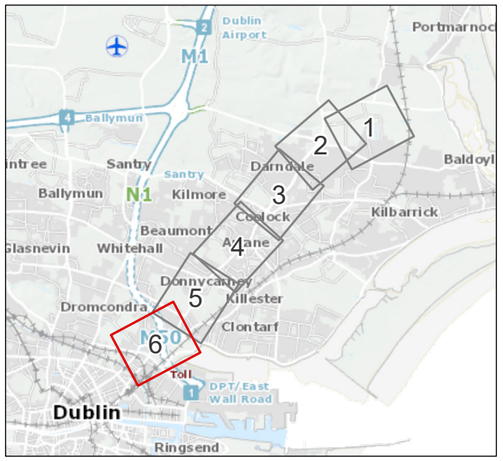

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.1
Bat Activity Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0406	6 of 6	A	M01

12.6.2
Potential Roost Feature Survey Results

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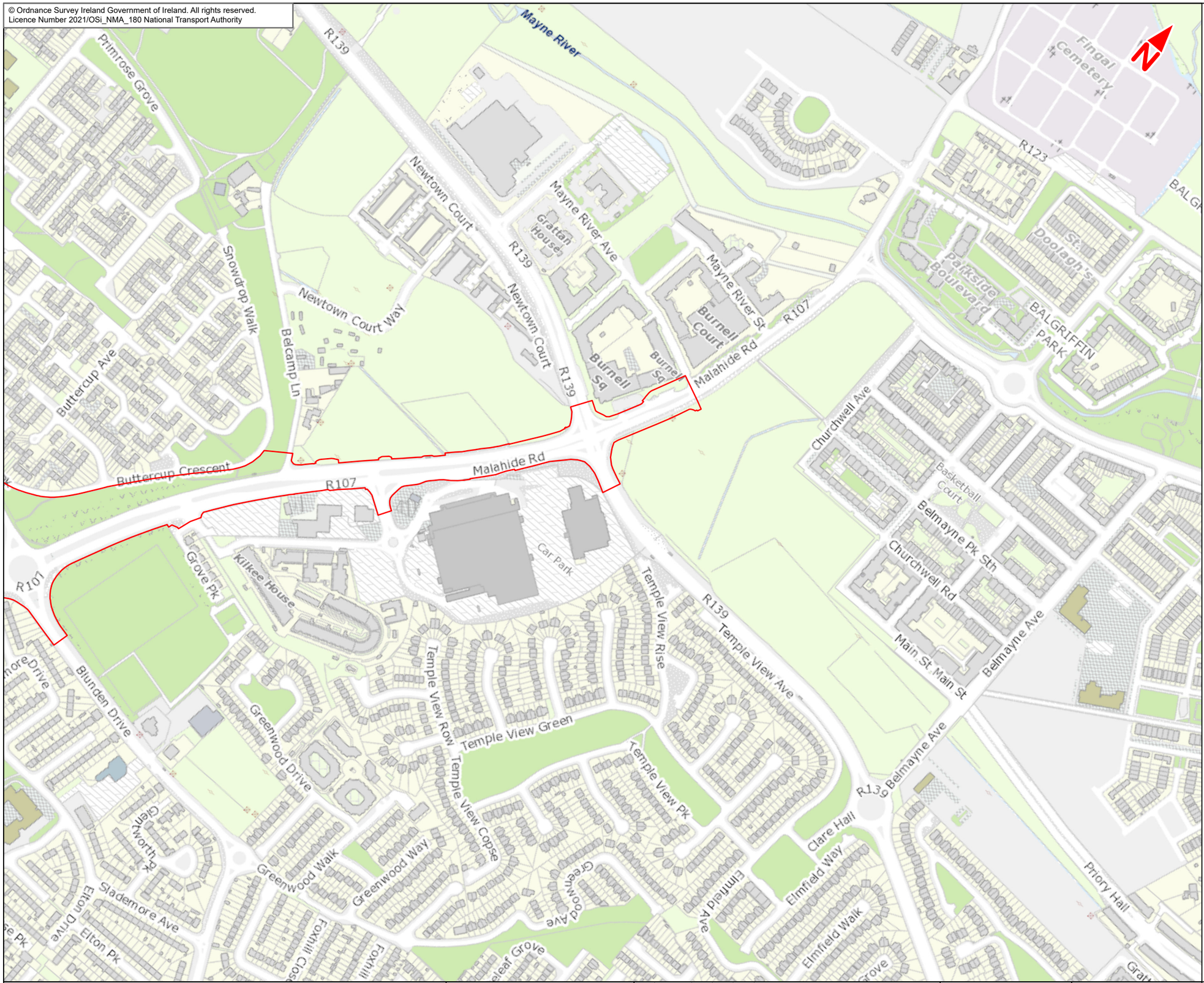

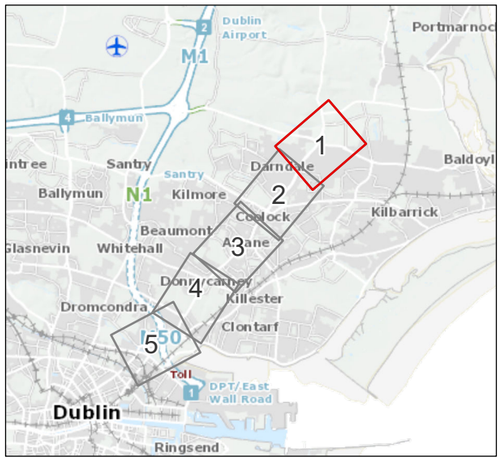

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

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Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
11/30/2021	1:5 000	EK	PW	DK
Project Code: BCIDE	Originator Code: JAC	QMS Code		

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.2
Potential Roost Feature Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0501	1 of 5	A	M01

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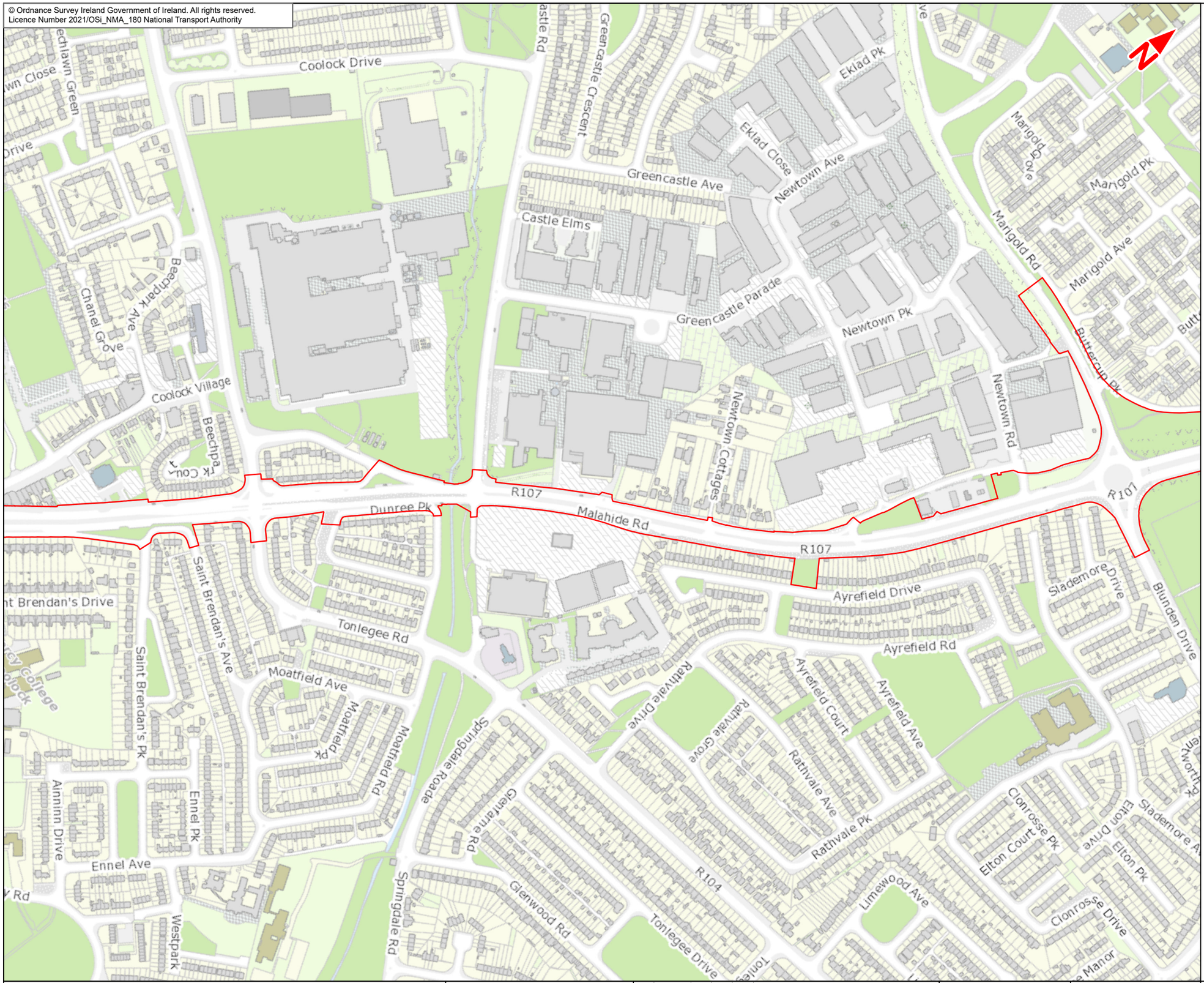

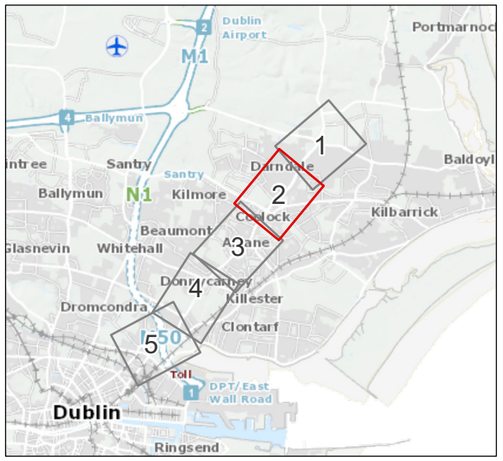

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

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BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.2
Potential Roost Feature Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0502	2 of 5	A	M01

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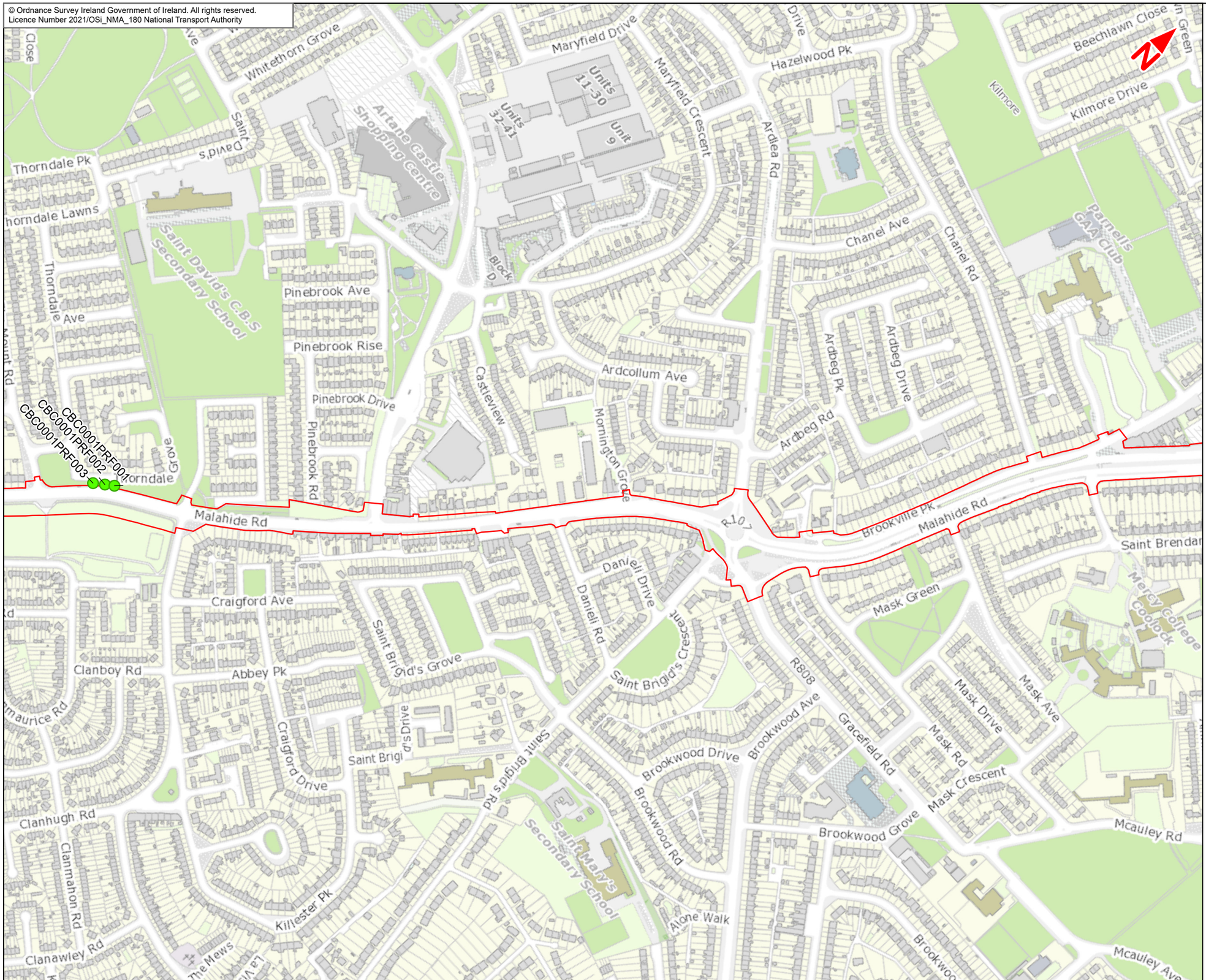

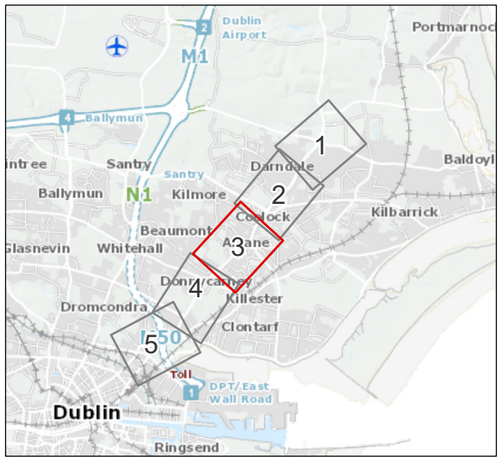

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Potential Roost Features

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Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.2
Potential Roost Feature Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0503	3 of 5	A	M01

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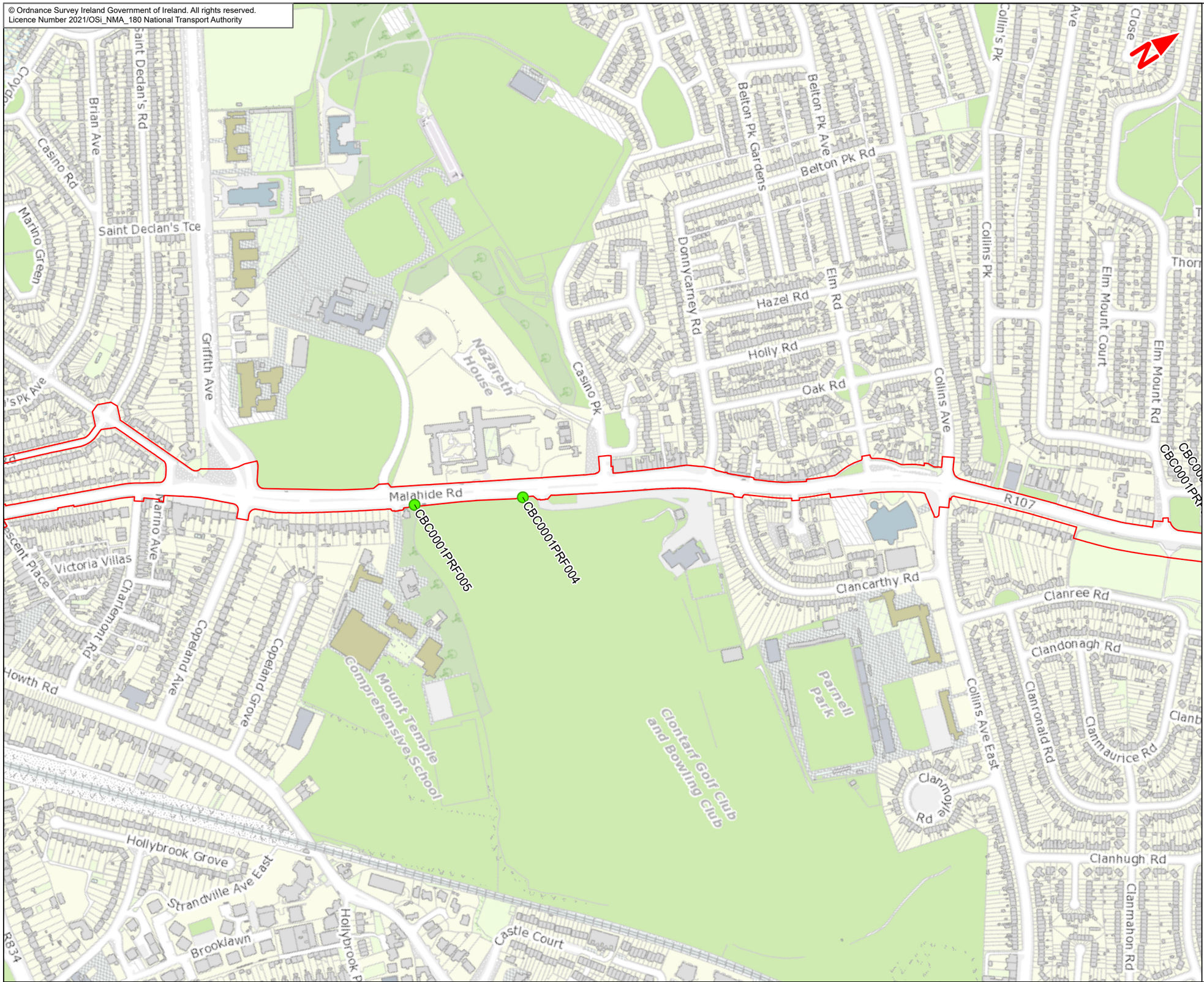

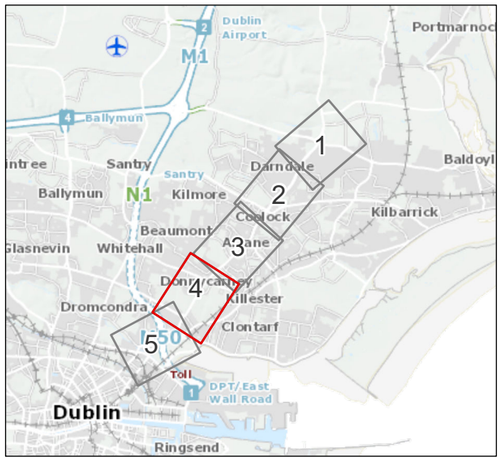

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Potential Roost Features

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
11/30/2021	1:5 000	EK	PW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.2
Potential Roost Feature Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0504	4 of 5	A	M01

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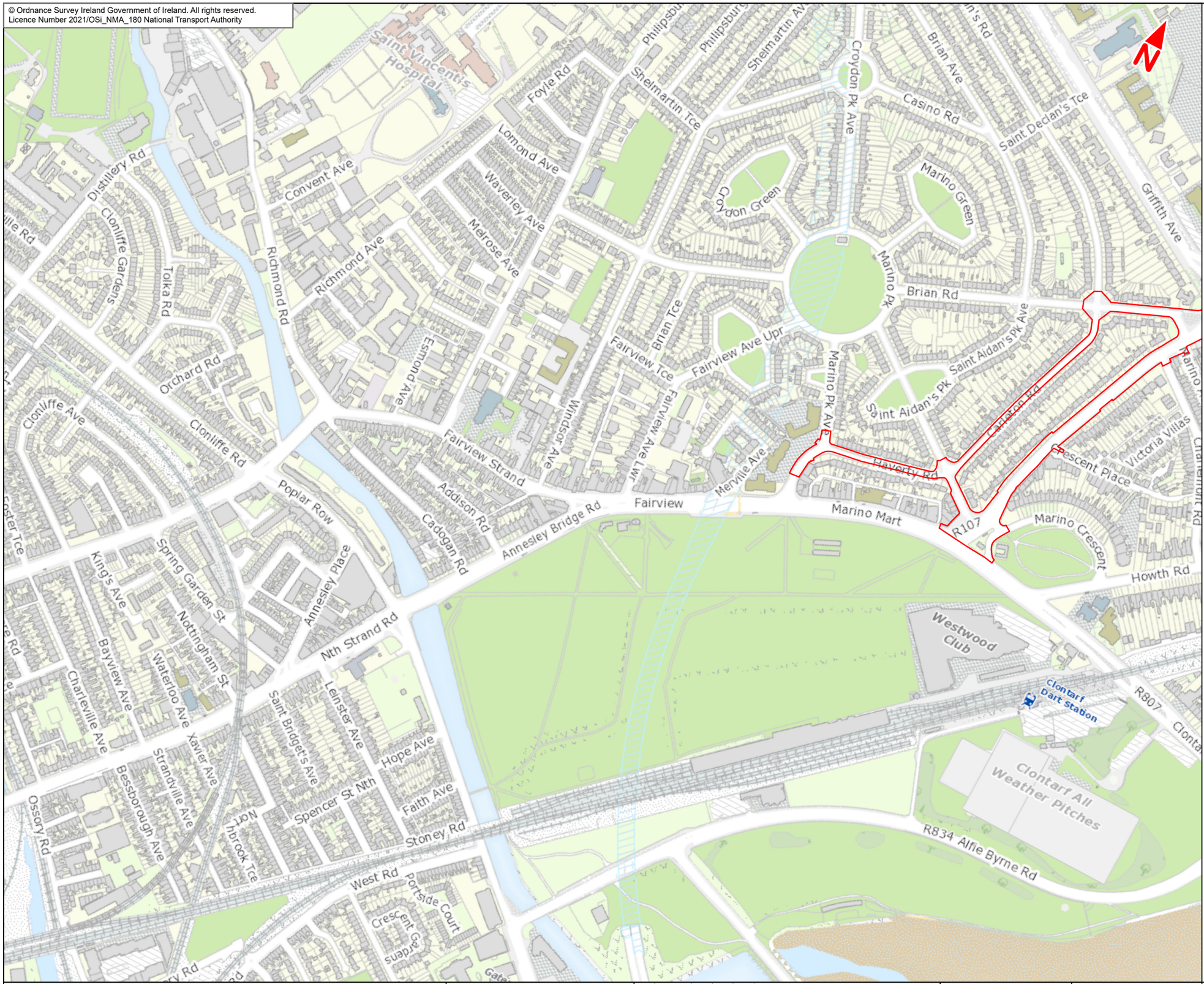

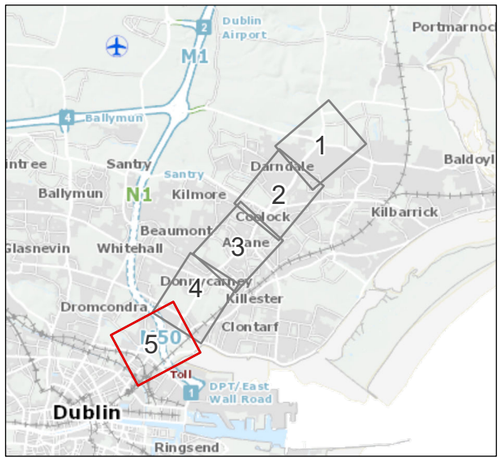

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

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0 50 100 150 200 250 m

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BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.6.2
Potential Roost Feature Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0505	5 of 5	A	M01

12.7
Winter Bird Survey Results

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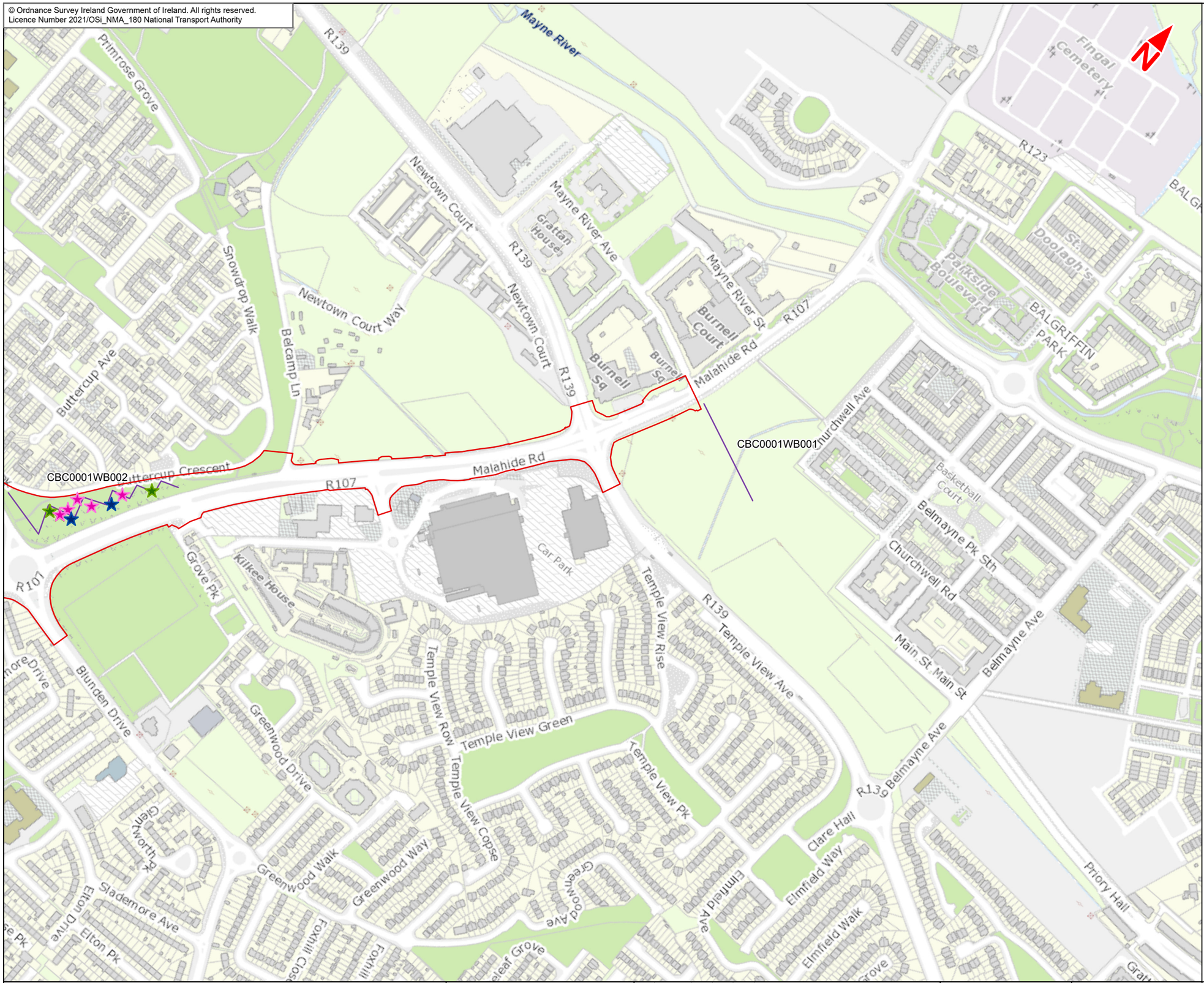

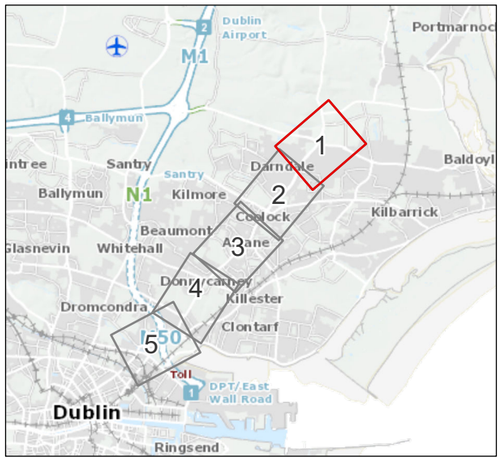

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Winter Bird Survey Transects

BoCCI Amber List Bird Species

- Black-headed gull
- Herring gull
- Light bellied brent goose

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Project Code: BCIDE	Originator Code: JAC	QMS Code		

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.7
Wintering Bird Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0601	1 of 5	A	M01

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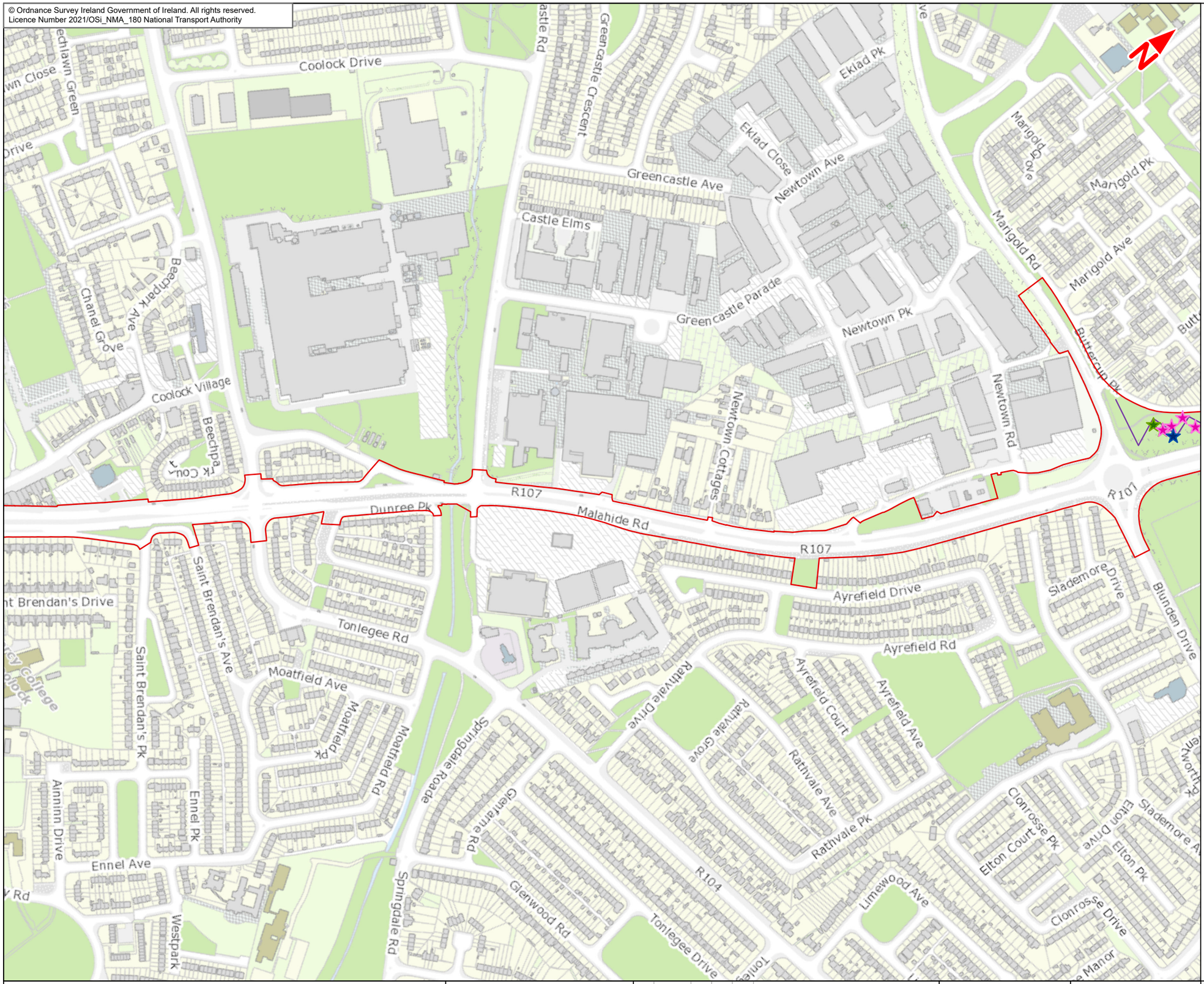

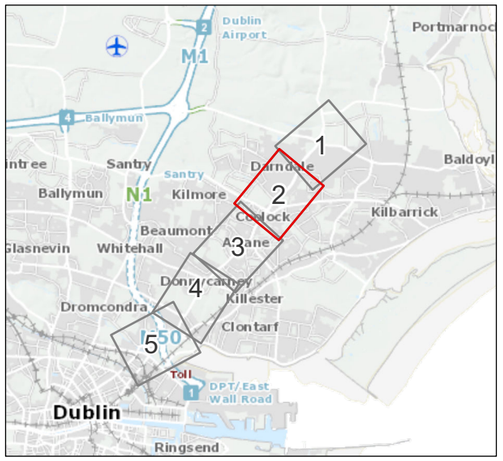

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Winter Bird Survey Transects

BoCCI Amber List Bird Species

- Black-headed gull
- Herring gull
- Light bellied brent goose

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.7
Wintering Bird Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0602	2 of 5	A	M01

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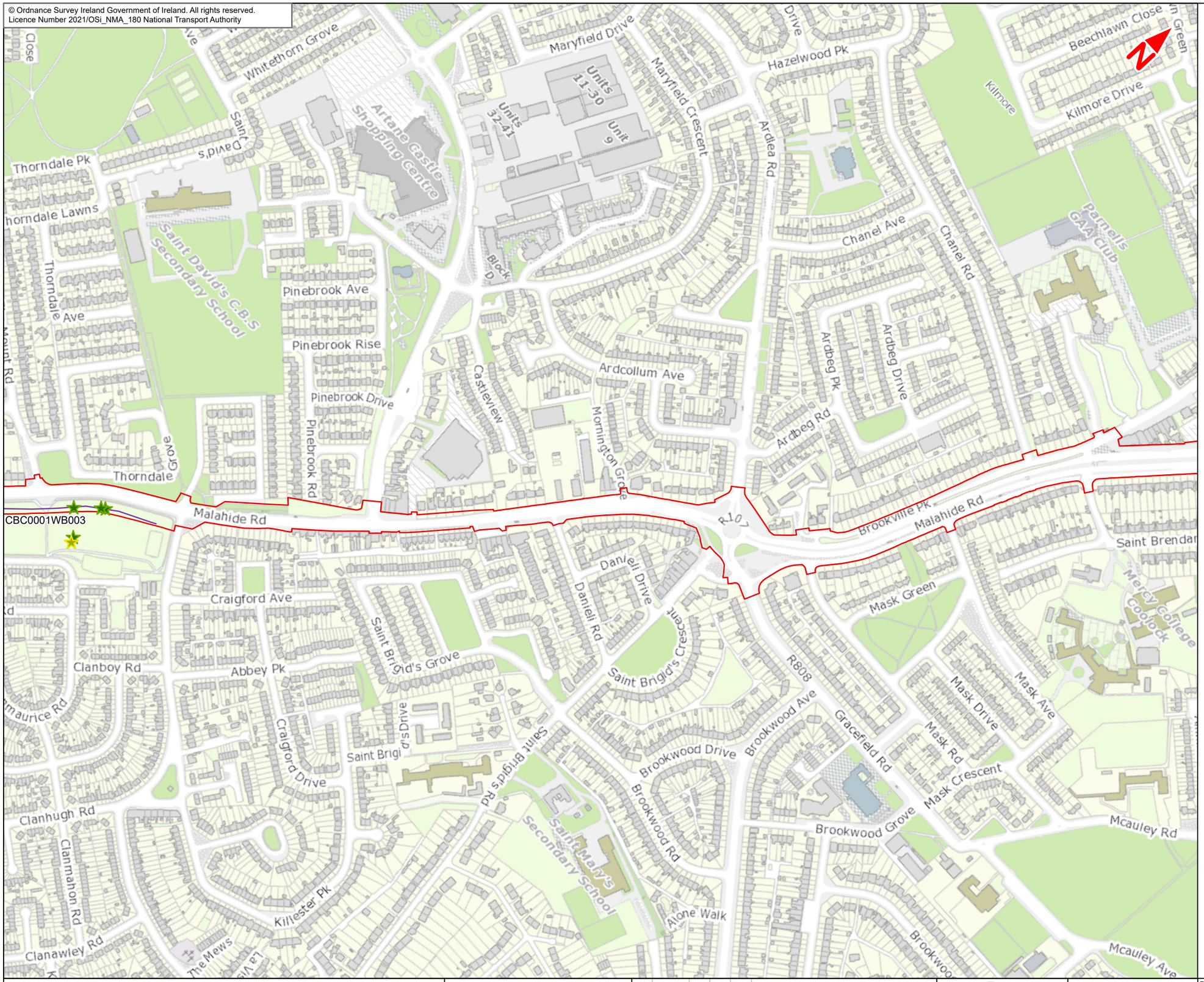

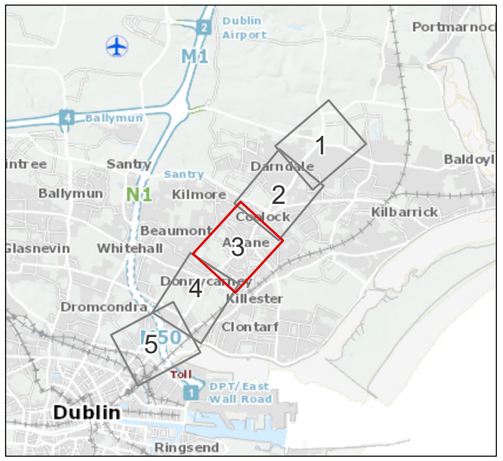

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Winter Bird Survey Transects

BoCCI Amber List Bird Species

- Black-headed gull
- Common gull

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Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.7
Wintering Bird Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0603	3 of 5	A	M01

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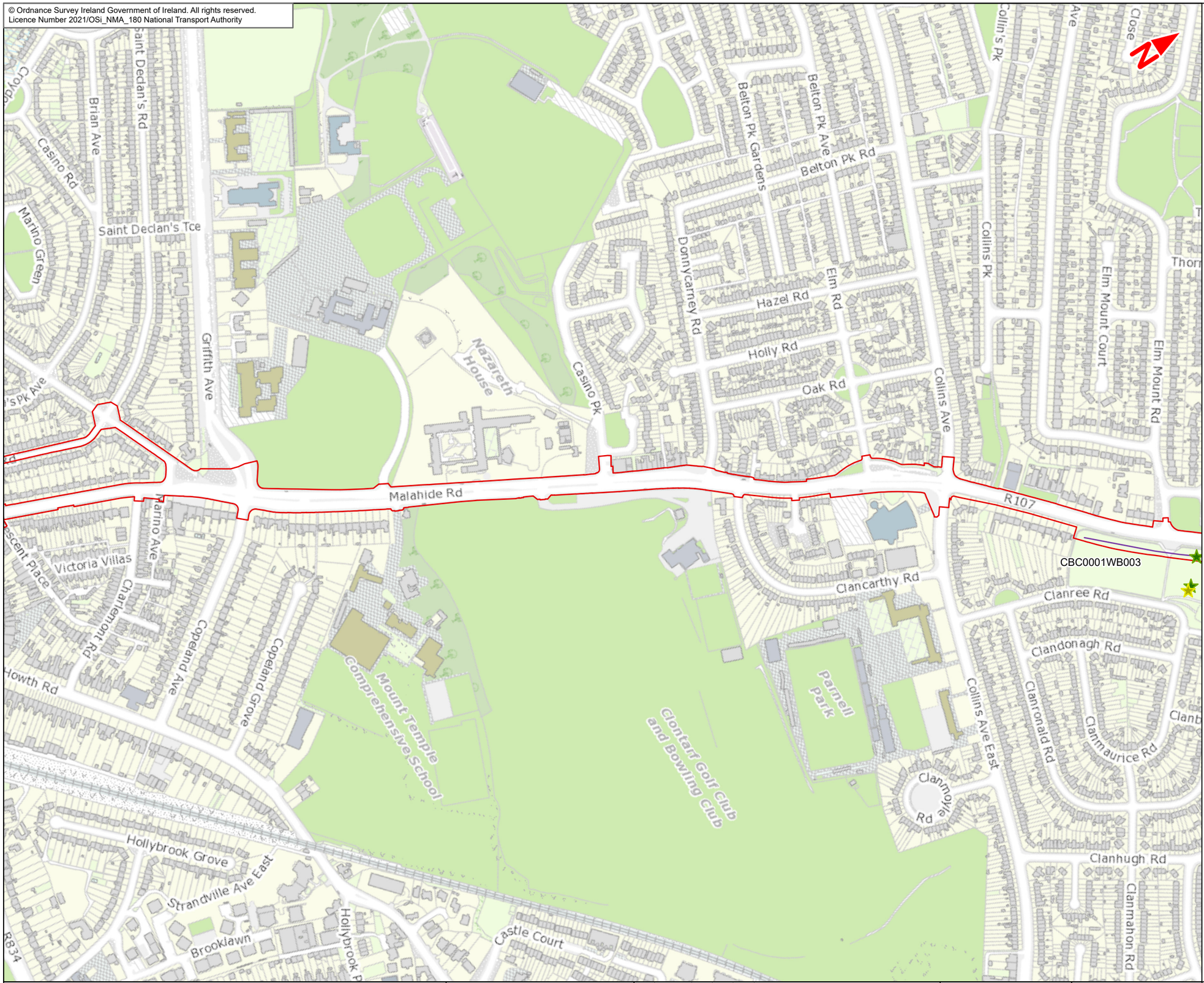

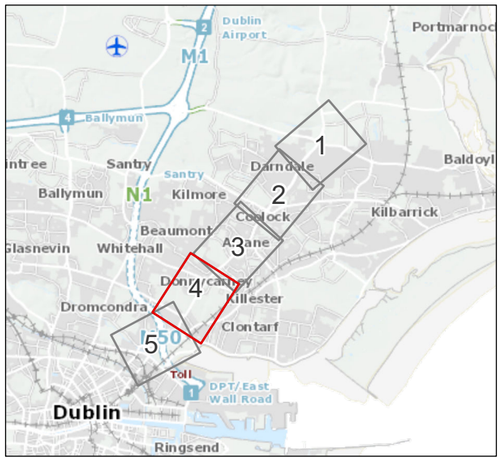

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Winter Bird Survey Transects

BoCCI Amber List Bird Species

- Black-headed gull
- Common gull

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Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.7
Wintering Bird Survey Results

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_BD-0001_XX_00-DR-GG-0604	4 of 5	A	M01

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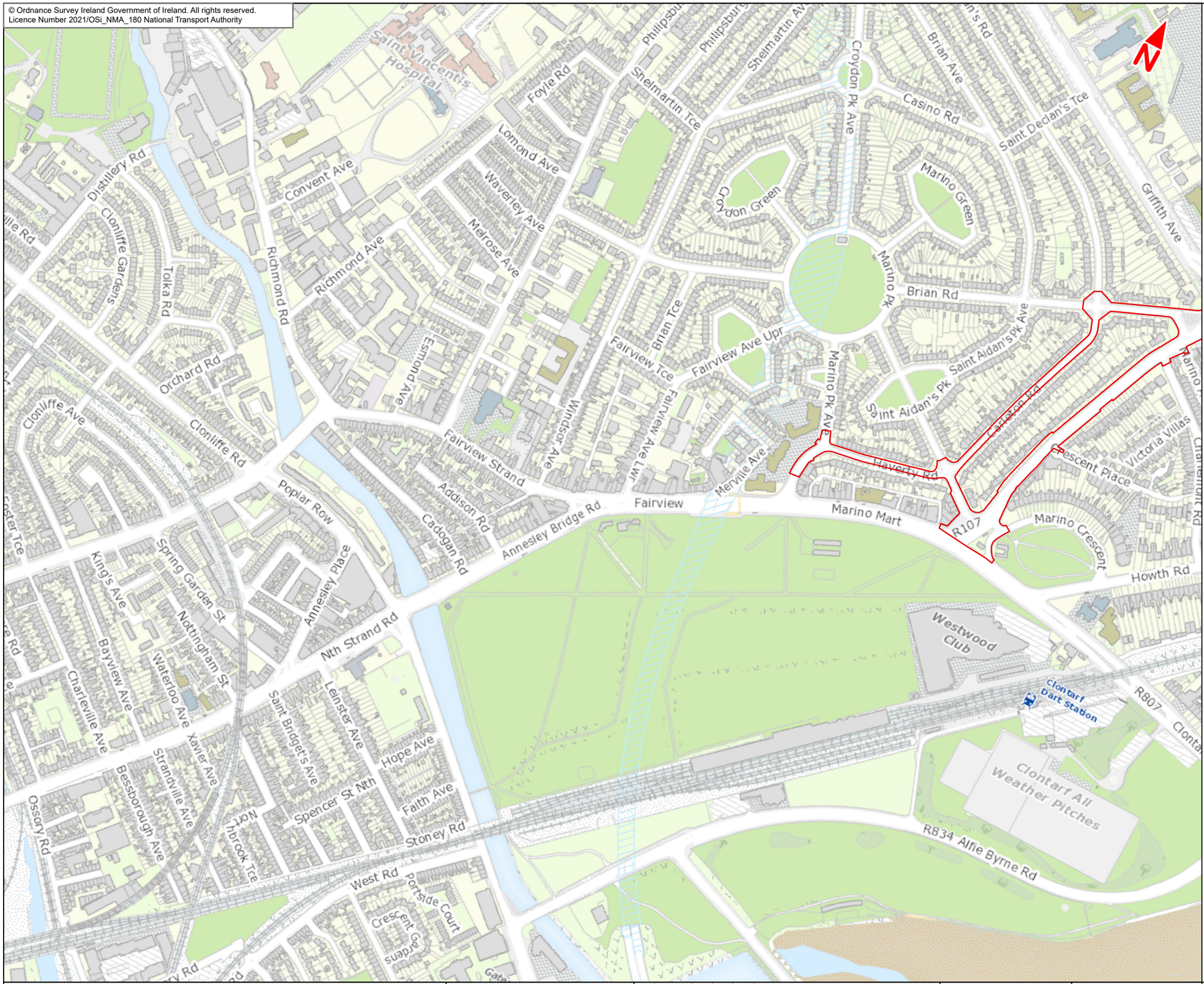

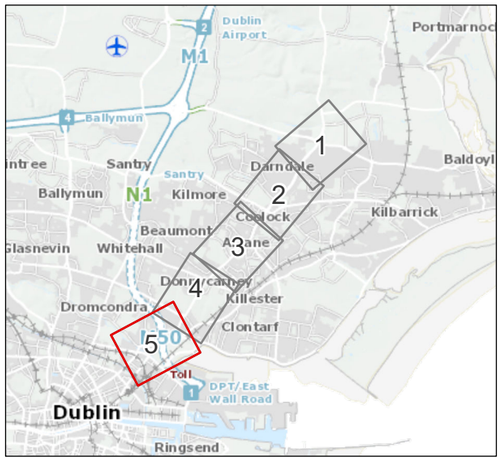

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

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Drawing Title: Clongriffin to City Centre Core Bus Corridor Scheme
Figure 12.7
Wintering Bird Survey Results

Drawing File Name	Sheet Number	Status	Rev
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