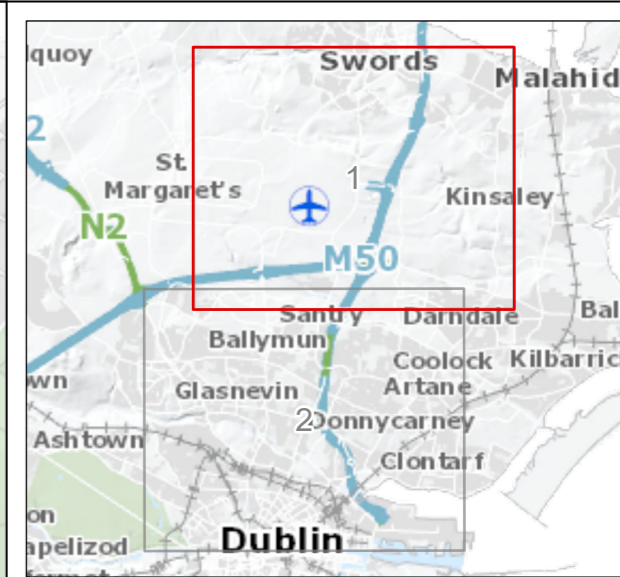
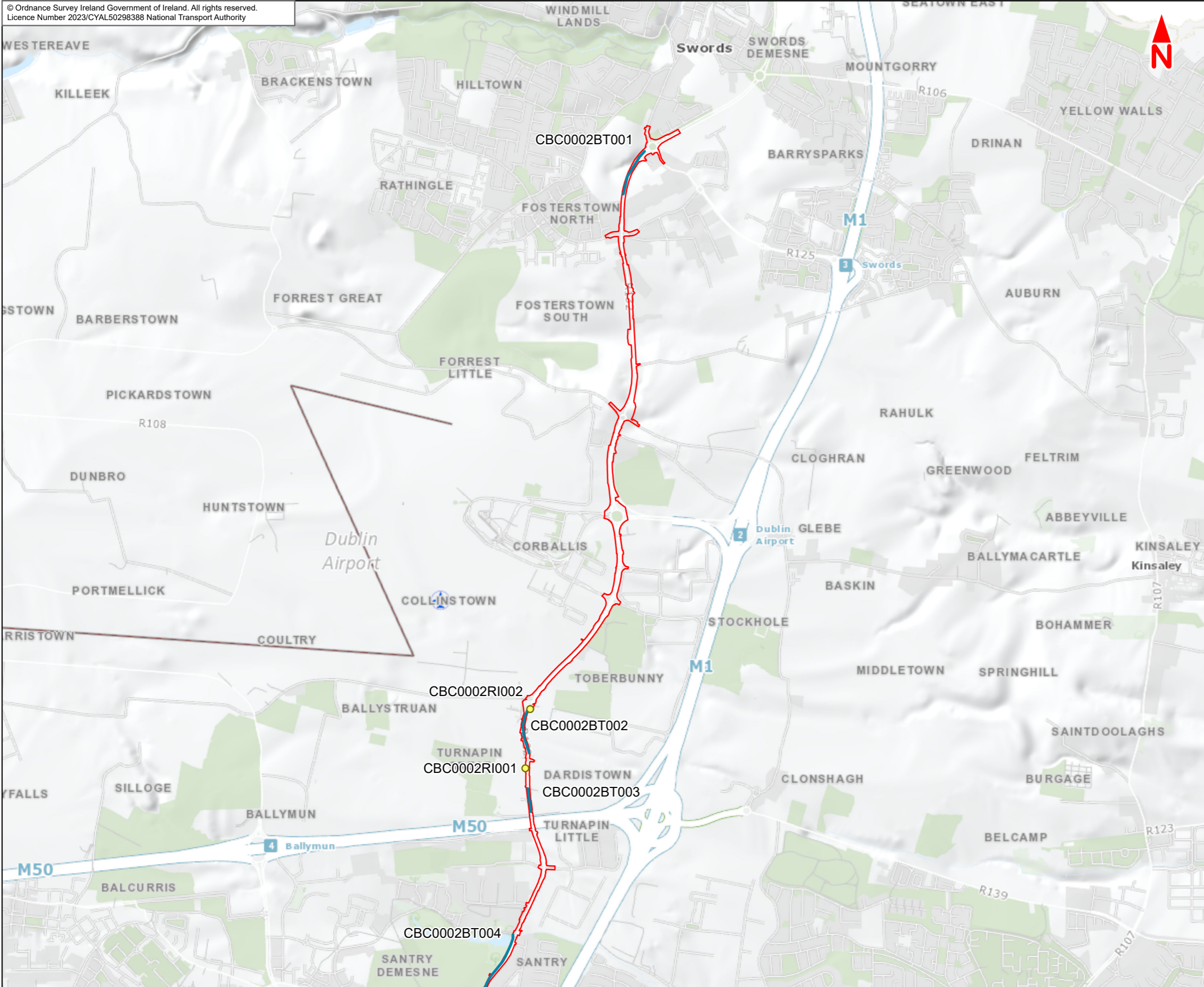


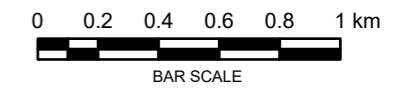


12.1.1
Ecological Study Areas:
Bat Activity Transect Routes



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
 - Building / Bridge Inspections

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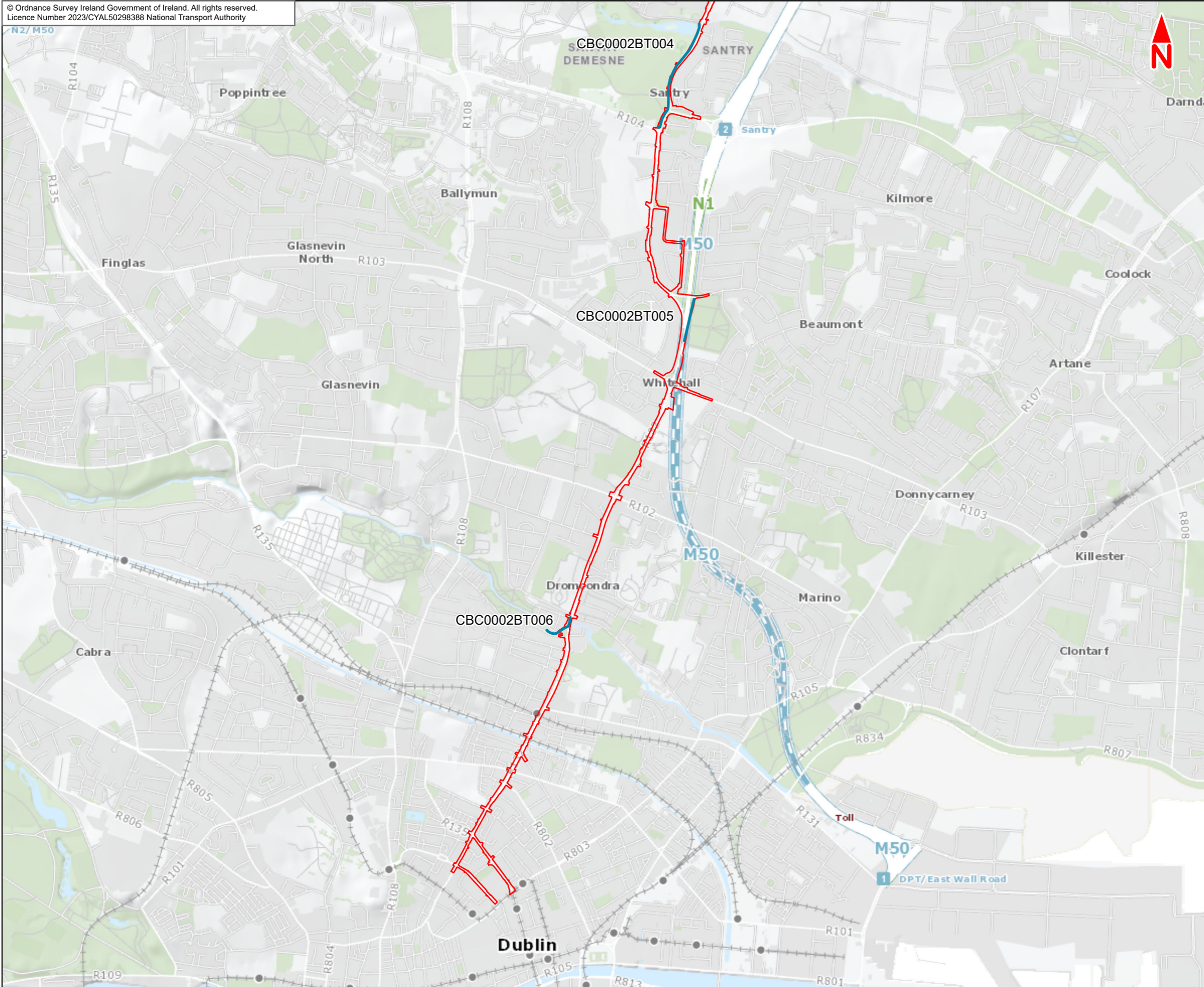
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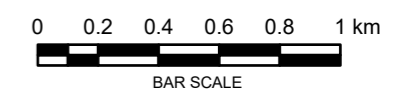
NTA Údarás Náisiúnta Iompair National Transport Authority		Jacobs ARUP SYSTRA		
Date	Scale @ A3	Drawn	Checked	Approved
4/28/2023	1:25 000	TJ	PW	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.1.1 Ecological Study Areas: Bat Activity Transect Routes and Building / Bridge Roost Feature Inspections				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0101	1 of 2	A	M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects

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Client

Date: 4/28/2023
Scale @ A3: 1:25 000

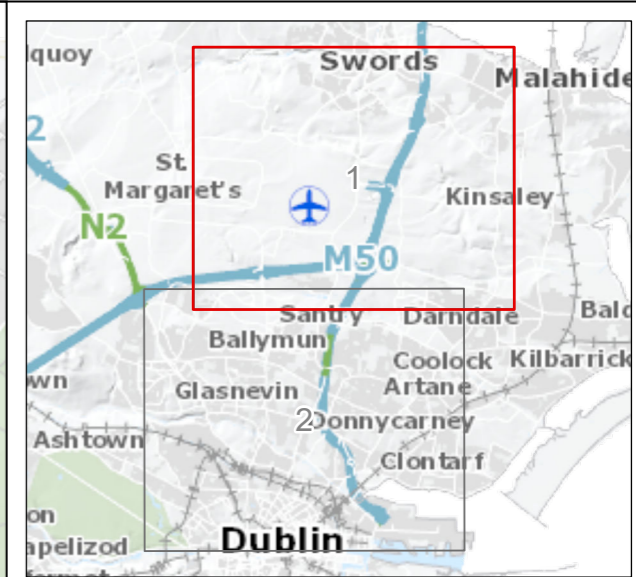
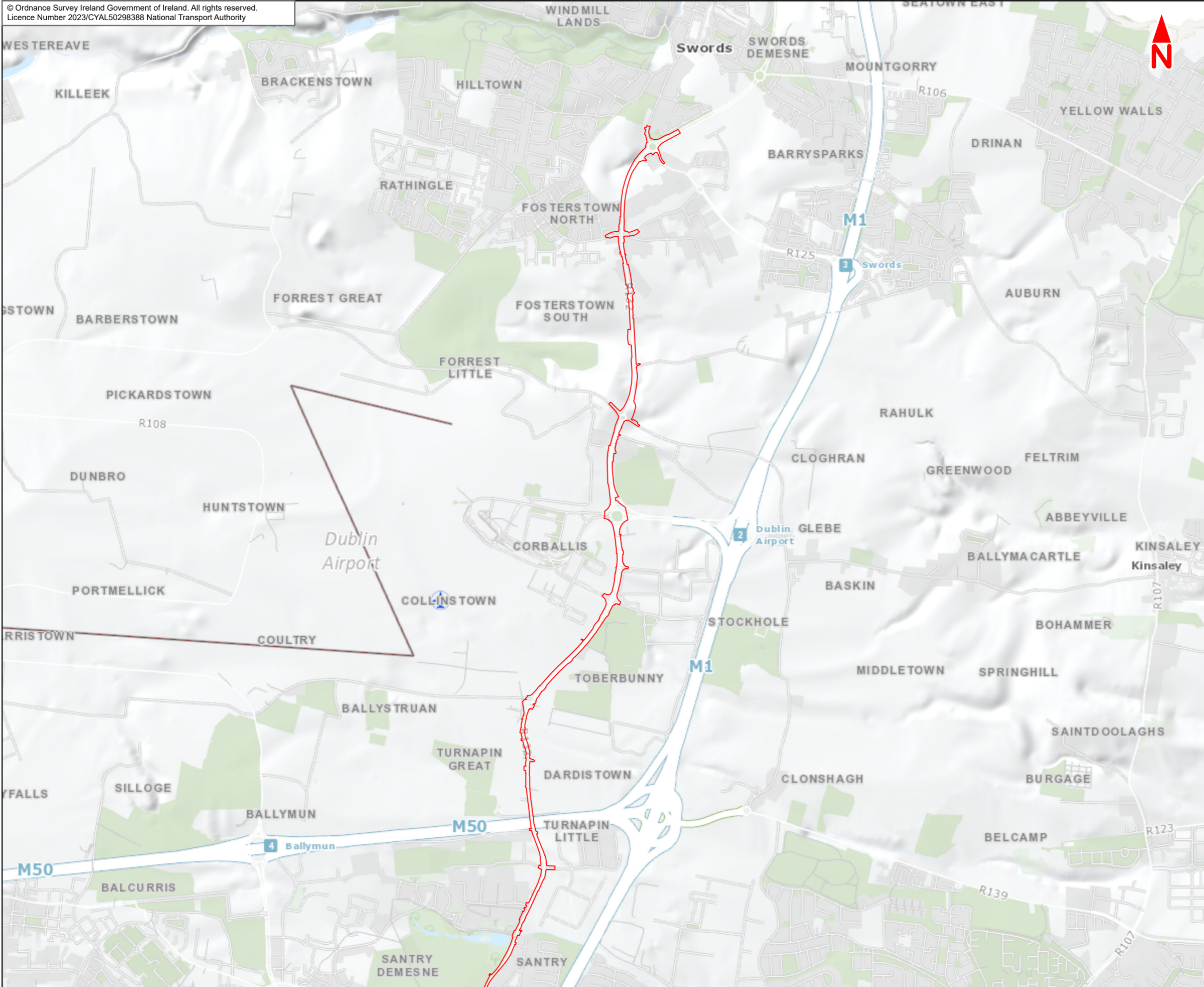
Consultant

Drawn: TJ
Checked: PW
Approved: DK

Programme Title				BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title				Swords to City Centre Core Bus Corridor Scheme Figure 12.1.1 Ecological Study Areas: Bat Activity Transect Routes and Building / Bridge Roost Feature Inspections			
Drawing File Name	Sheet Number	Status	Rev				
BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0102	2 of 2	A	M01				

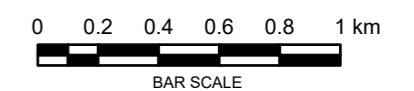
The background of the slide is a vibrant yellow. It is decorated with several abstract, organic shapes in shades of blue and green. These shapes are interconnected and layered, creating a sense of depth and movement. Interspersed among these shapes are several white circles of varying sizes, some of which are partially enclosed by the blue and green forms. The overall aesthetic is modern and clean, typical of a professional presentation.

12.1.2
Ecological Study Areas:
Mammal, Aquatic and
Riparian Survey Sites



Legend :
 Swords to City Centre
 Core Bus Corridor Scheme

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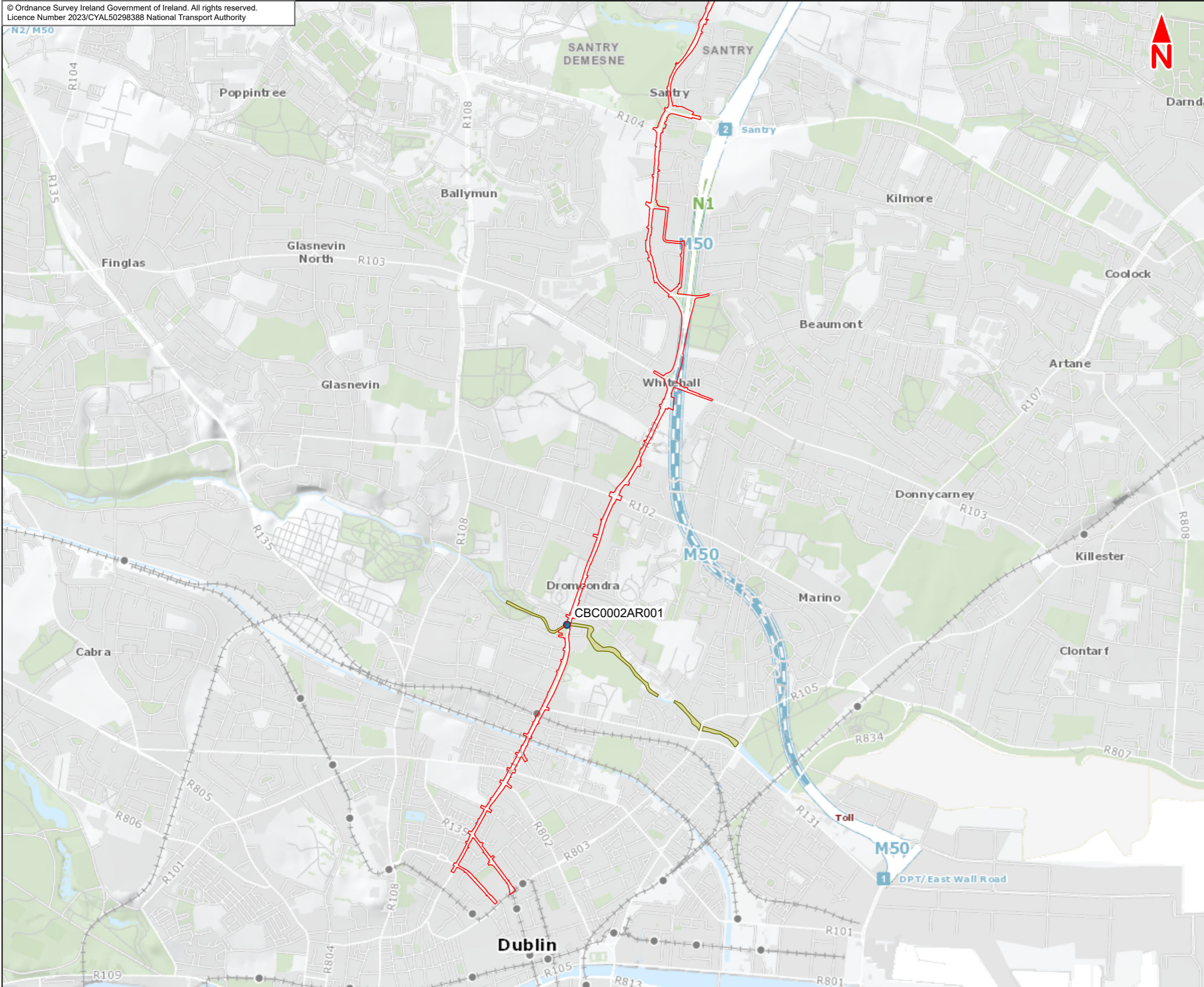
Rev	Date	Drn	Chk'd	App'd	Description
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Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

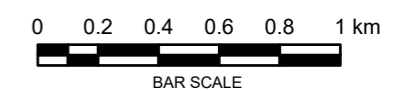
Date: 4/28/2023 | Scale @ A3: 1:25 000
 Drawn: EK | Checked: PW | Approved: DK
 Project Code: BCIDE | Originator Code: JAC

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.1.2 Ecological Study Areas: Mammal, Aquatic and Riparian Survey Sites				
Drawing File Name: BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0301	Sheet Number: 1 of 2	Status: A	Rev: M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Aquatic and Riparian Survey Sites
 - Extent of Otter and Kingfisher Survey

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Consultant: **JACOBS ARUP SYSTRA**

Date: 4/28/2023 | Scale @ A3: 1:25 000

Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

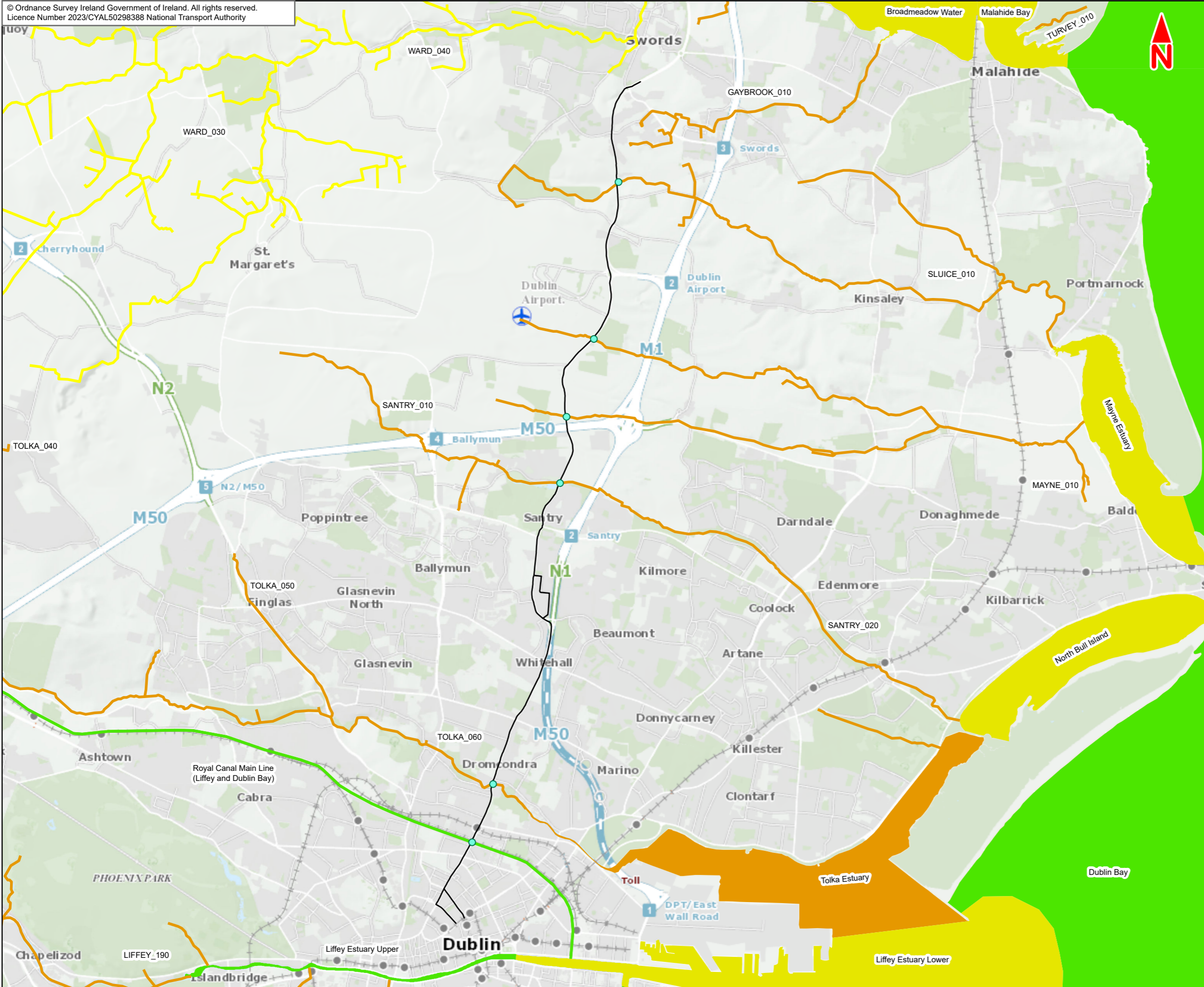
QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.1.2 Ecological Study Areas: Mammal, Aquatic and Riparian Survey Sites			
Drawing File Name: BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0302	Sheet Number: 2 of 2	Status: A	Rev: M01

The background of the slide is a vibrant yellow. It is decorated with several abstract, organic shapes in shades of blue and green. These shapes are interconnected and feature white circular cutouts. The shapes are primarily located on the right side and bottom of the slide, creating a dynamic, modern aesthetic. The text is positioned on the left side of the slide, in a clean, sans-serif font.

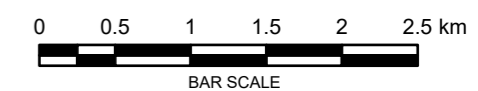
12.2

Hydrological Connectivity to the Proposed Scheme



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Scheme Waterbody Crossings
- Canal Waterbody WFD Status 2016 - 2021**
- Good
- River Waterbody WFD Status 2016 - 2021**
- Good
 - Moderate
 - Poor
- Transitional Waterbody WFD Status 2016 - 2021**
- Good
 - Moderate
 - Poor
- Coastal Waterbody WFD Status 2016 - 2021**
- Good
 - Moderate

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Consultant: **JACOBS ARUP SYSTRA**

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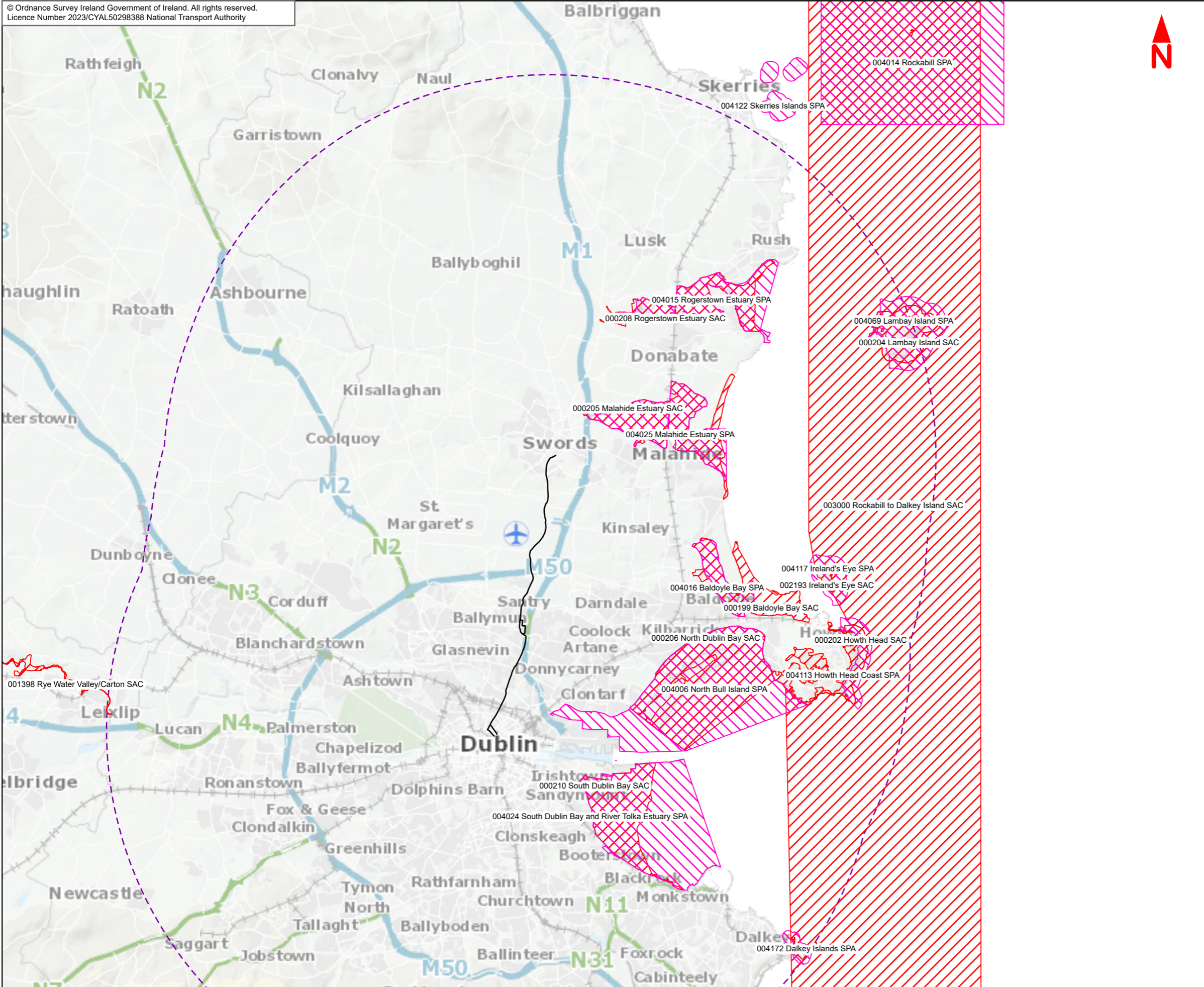
Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.2 Hydrological Connectivity to the Proposed Scheme			
Drawing File Name: BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0003	Sheet Number: 1 of 1	Status: A	Rev: M01

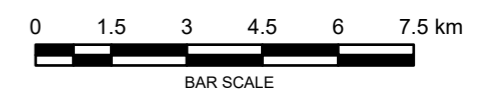


12.3
European Sites in the Vicinity
of the Proposed Scheme



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

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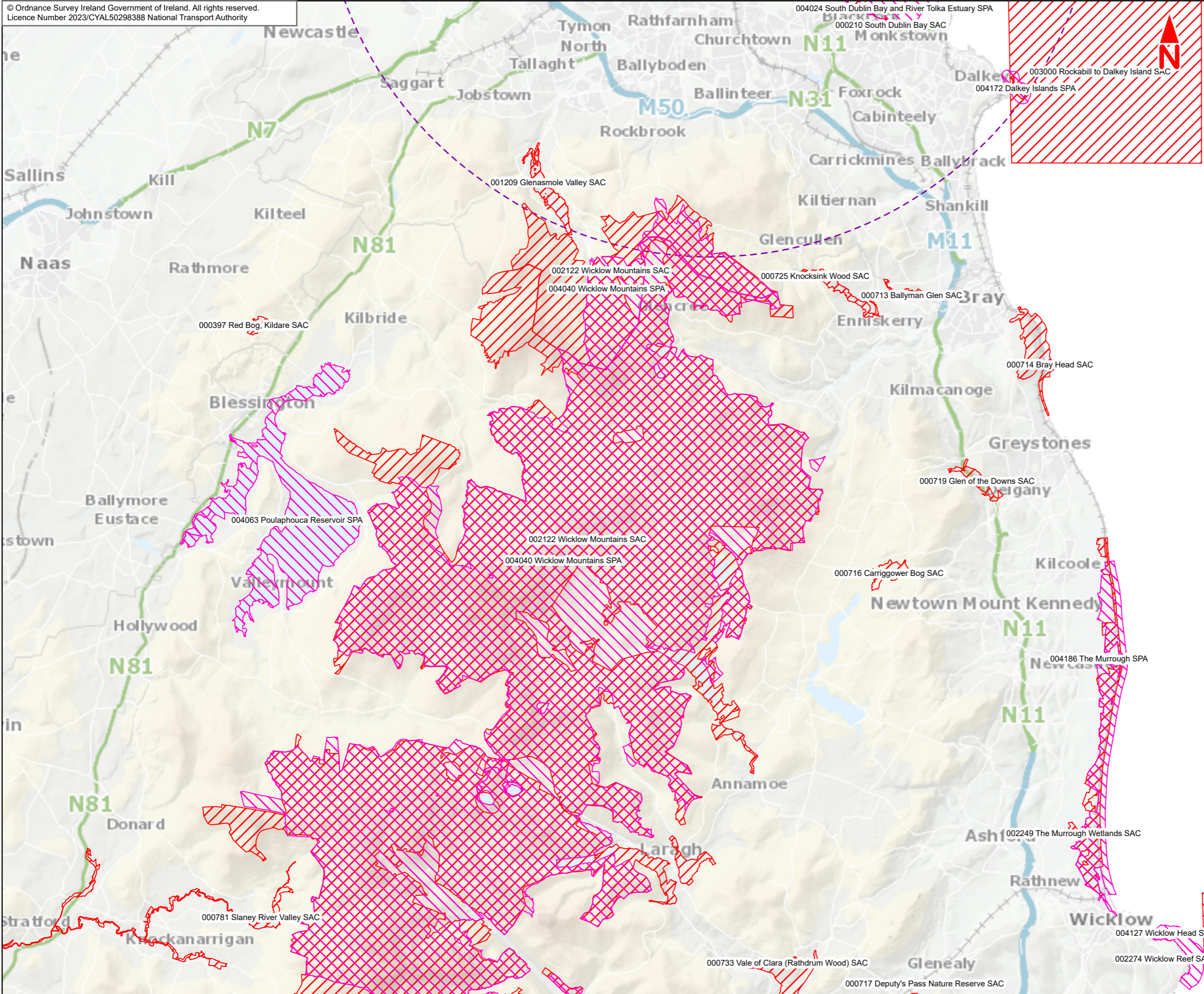


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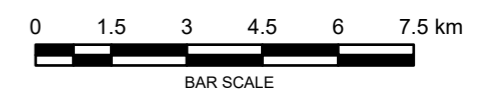
Consultant
JACOBS ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.3 European sites in the Vicinity of the Proposed Scheme				
Date 4/12/2023	Scale @ A3 1:150 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0001	Sheet Number 1 of 2	Status A	Rev M01	



- Legend :**
- 15km from Proposed Scheme
 - Special Protection Areas (SPA)
 - Special Area of Conservation (SAC)

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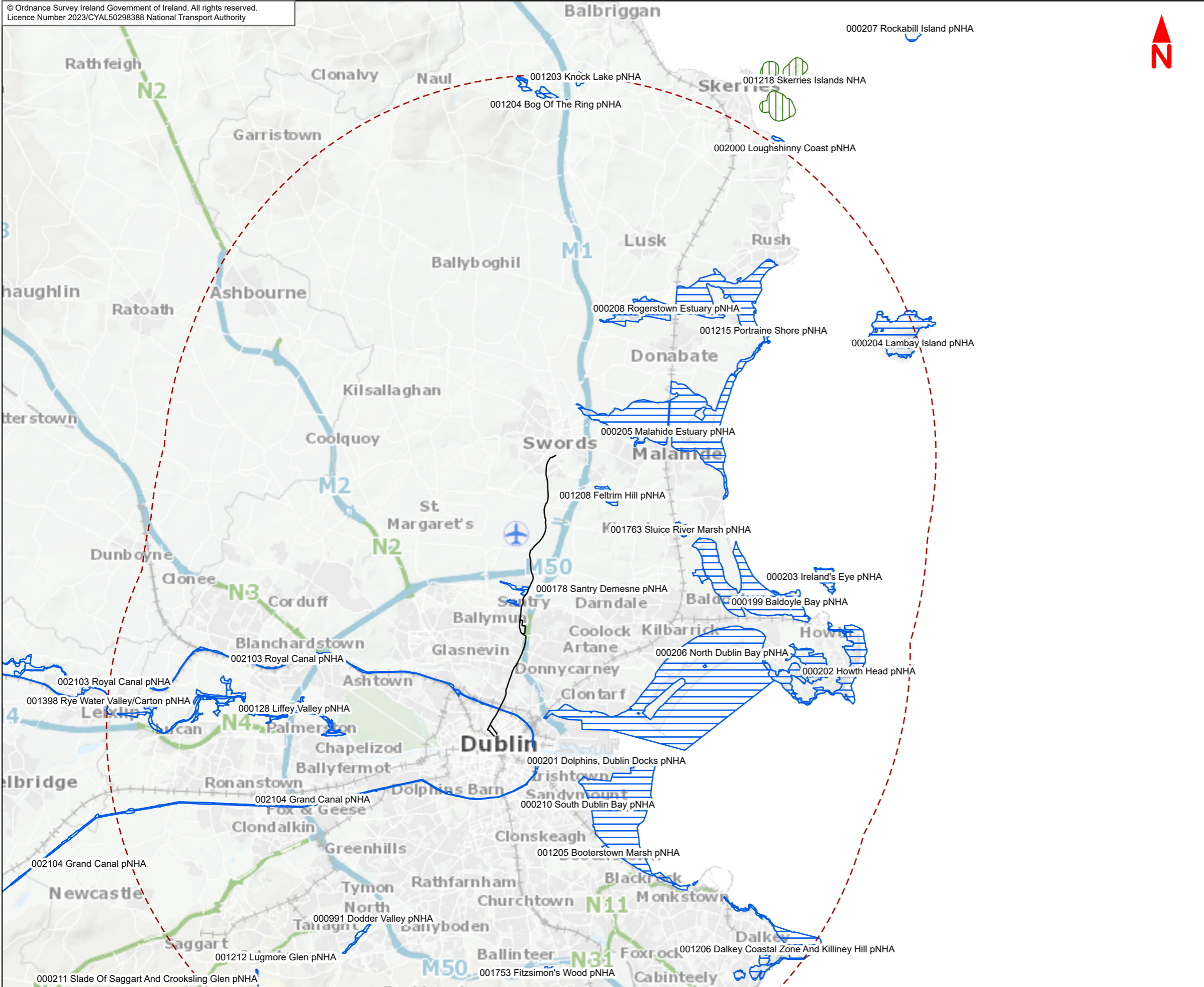
Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.3 European sites in the Vicinity of the Proposed Scheme				
Date 4/12/2023	Scale @ A3 1:150 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0091	Sheet Number 2 of 2	Status A	Rev M01	

12.4

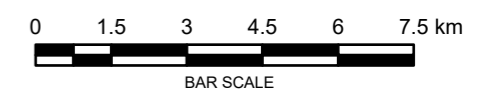
Natural Heritage Areas and
Proposed Natural Heritage
Areas in the Vicinity of the
Proposed Scheme





- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - 15km from Proposed Scheme
 - Natural Heritage Area
 - Proposed Natural Heritage Area

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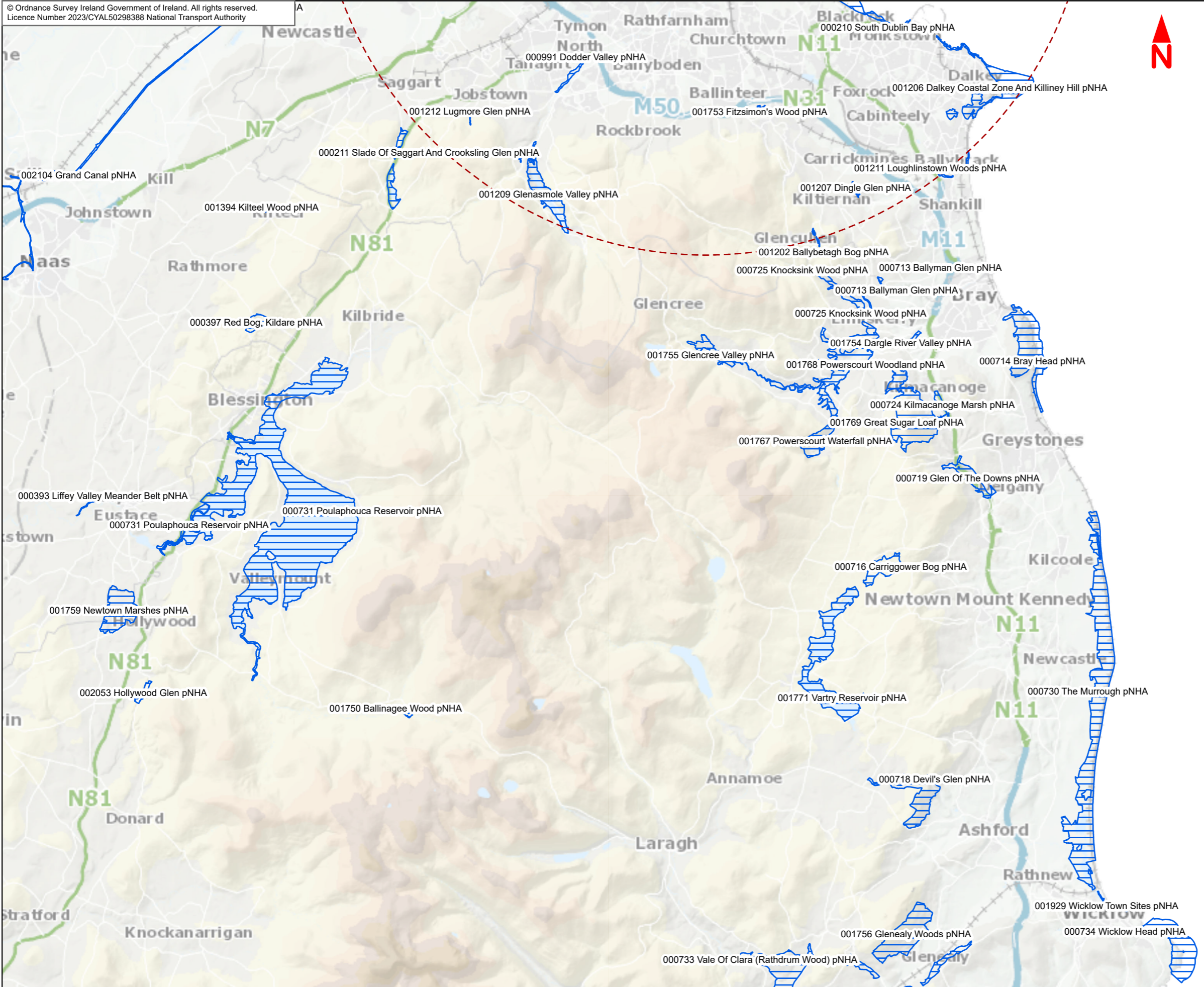


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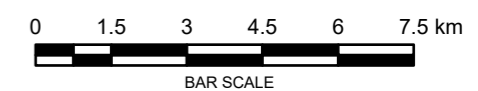
Consultant

Programme Title					BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title					Swords 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				
Date	4/12/2023	Scale @ A3	1:150 000	Drawn	EK	Checked	PW	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code					
Drawing File Name	BCIDE-JAC-ENV_BD-0002_XX_00-DR-GG-0002	Sheet Number	1 of 2	Status	A	Rev	M01		



Legend :
 15km from Proposed Scheme
 Proposed Natural Heritage Area

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Udarás Náisiúnta Iompair
National Transport Authority

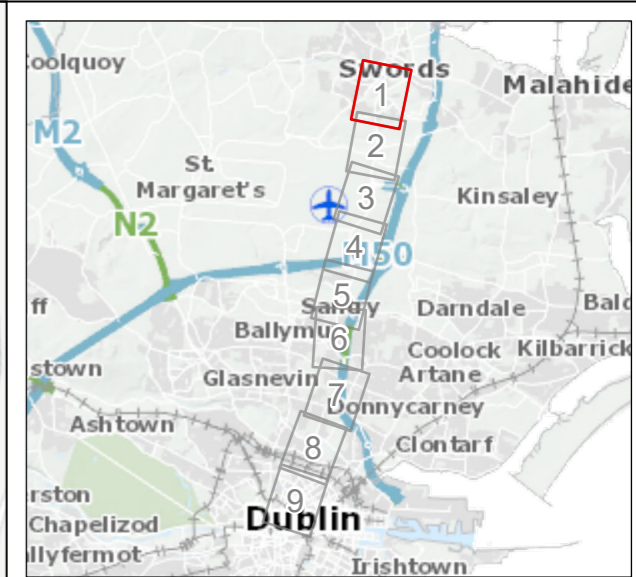
Consultant: **JACOBS ARUP SYSTRA**

Date: 4/12/2023 Scale @ A3: 1:150 000
 Drawn: EK Checked: PW Approved: DK
 Project Code: BCIDE Originator Code: JAC QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title: Swords 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: BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0092	Sheet Number: 2 of 2	Status: A	Rev: M01	

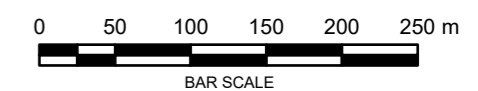


12.5
Habitat Survey Results
- Fossitt 2000 Habitat
Classification



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- WL1
 - WL2
 - BC1
 - BL3
 - ED2
 - FW4
 - GA1
 - GA2
 - GS2
 - GS4
 - WD1
 - WD5
 - WL1
 - WL2
 - WS1
 - WS2
 - WS3
- Other Habitat Types**
- Res

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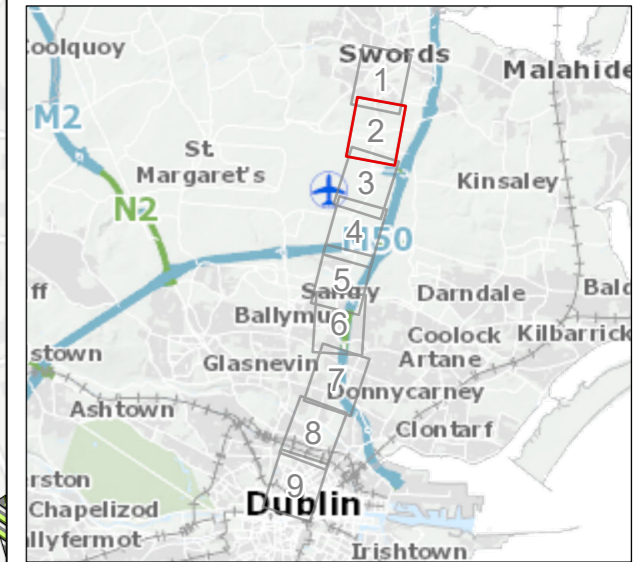
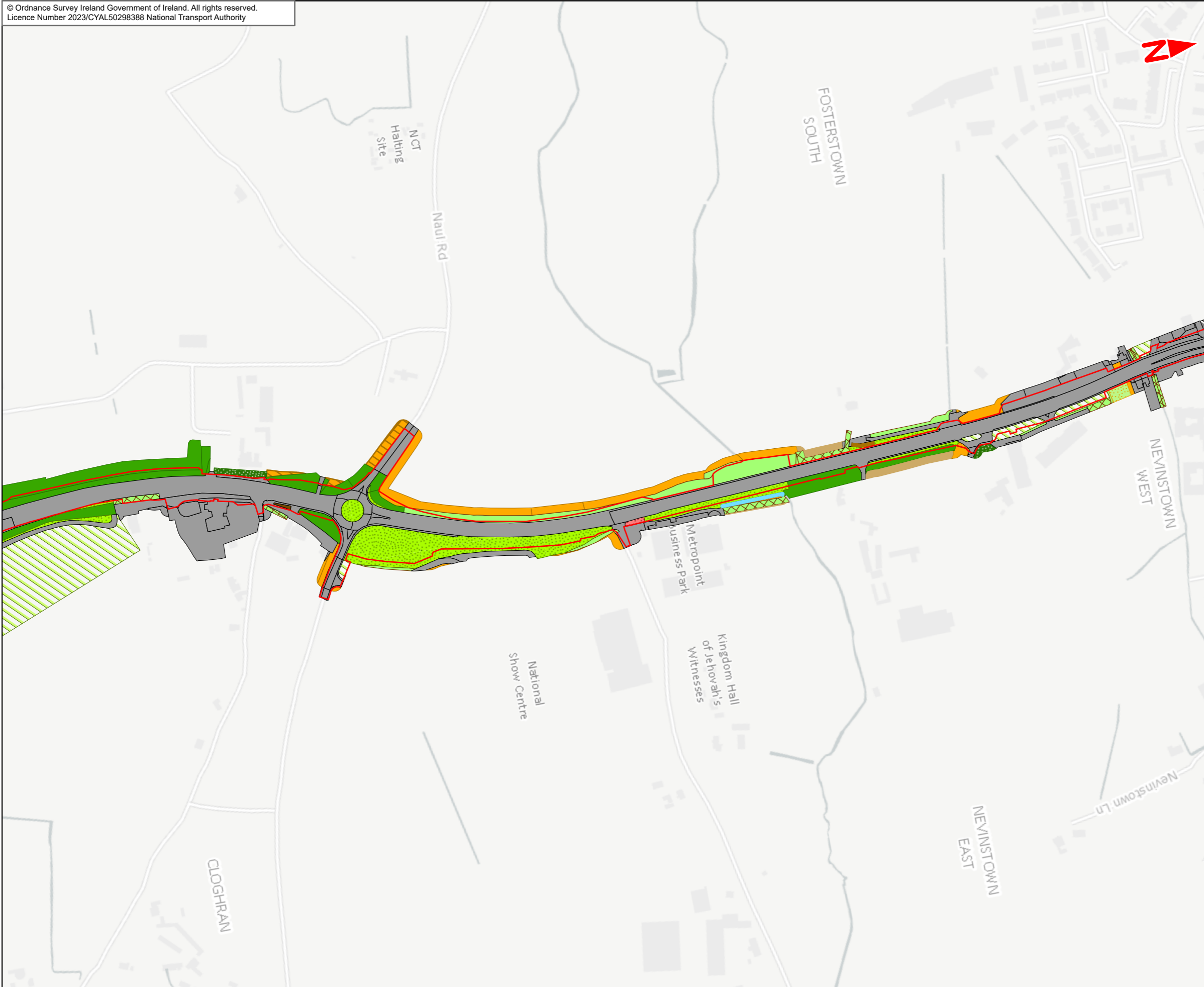
Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 4/12/2023 Scale @ A3: 1:5 000
 Drawn: EK Checked: PW Approved: DK
 Project Code: BCIDE Originator Code: JAC QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0201	Sheet Number: 1 of 9	Status: A	Rev: M01





Legend :

- Swords to City Centre Core Bus Corridor Scheme

Fossitt Habitat Types

- FW4
- WL1
- WL2
- BC1
- BC4
- BL3
- ED3
- GA1
- GA2
- GS2
- WD1
- WD5
- WL1
- WL2
- WS1
- WS2
- WS3

Other Habitat Types

- Res

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Consultant: **JACOBS ARUP SYSTRA**

Date: 4/12/2023 | Scale @ A3: 1:5 000

Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

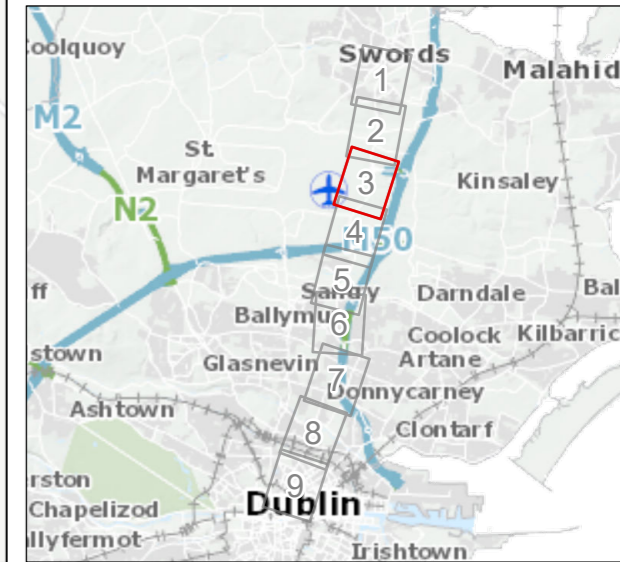
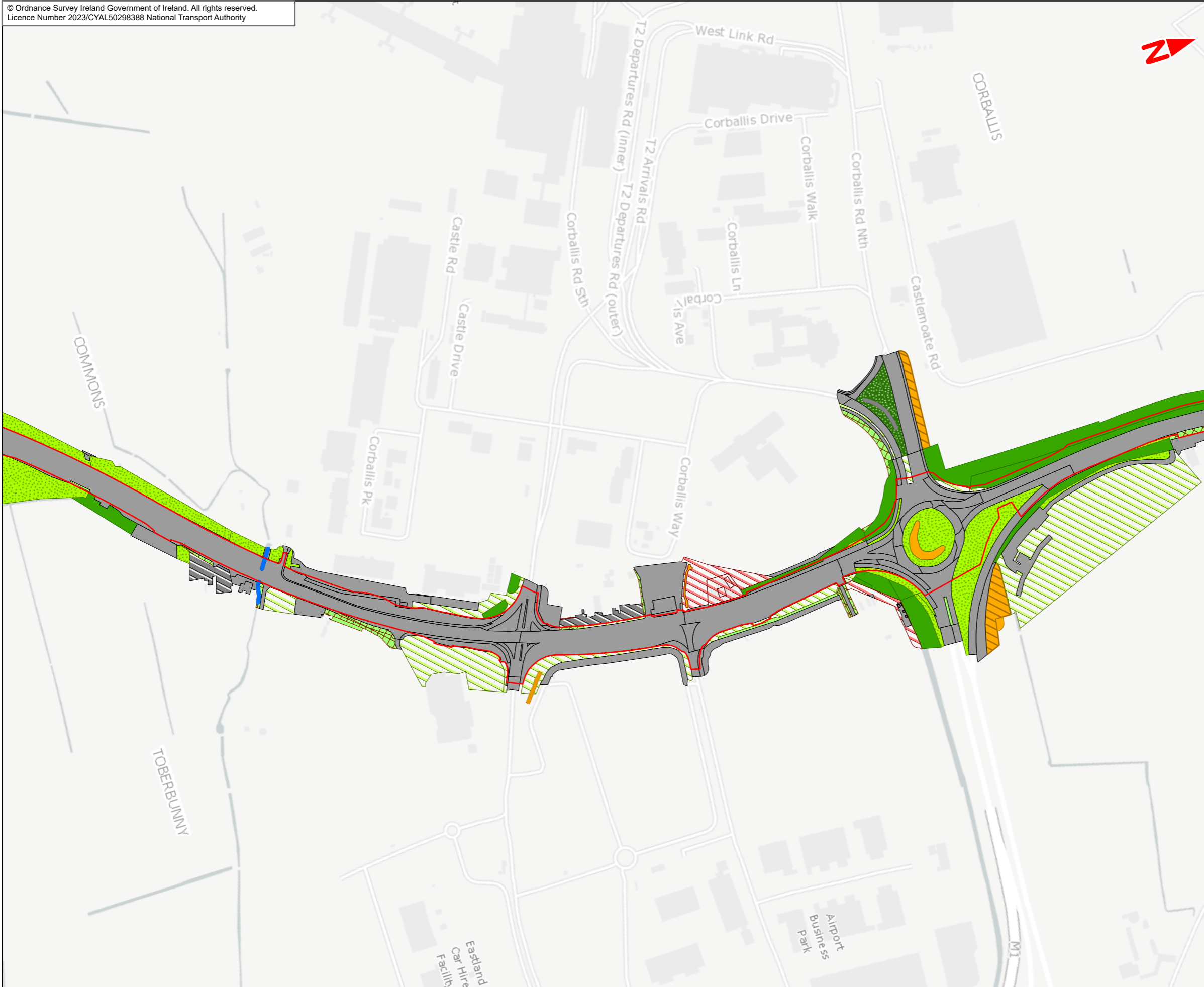
QMS Code: _____

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

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

Drawing File Name: BCIDE-JAC-ENV_BD-0002_XX_00-DR-GG-0202 | Sheet Number: 2 of 9 | Status: A | Rev: M01





Legend :

Swords to City Centre
Core Bus Corridor Scheme

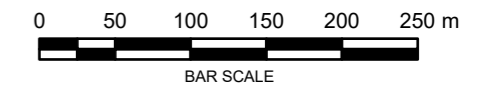
Fossitt Habitat Types

- BL3
- FW2
- WL2
- BL3
- ED2
- GA2
- GS2
- WD1
- WD5
- WL1
- WL2
- WS1
- WS2

Other Habitat Types

- Res

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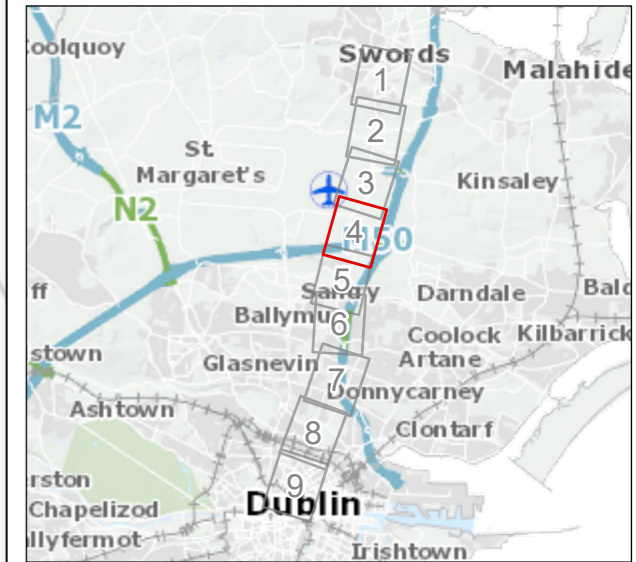
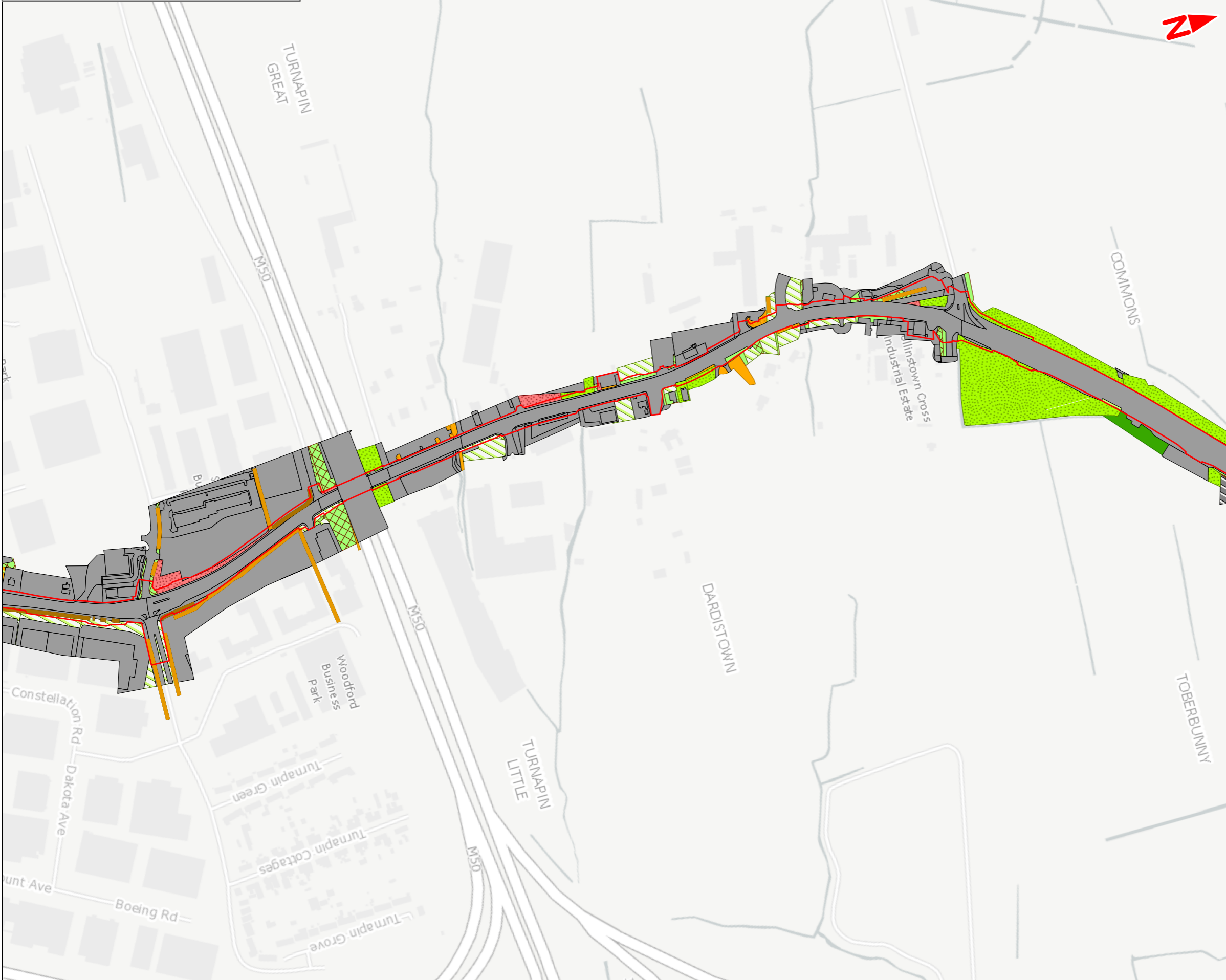
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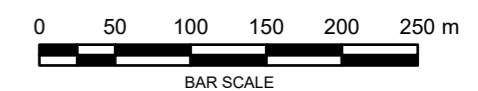
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0203	Sheet Number 3 of 9	Status A	Rev M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- WL1
 - WL2
 - BL3
 - ED3
 - GA2
 - GS2
 - WD1
 - WL1
 - WL2
 - WS1
 - WS3
- Other Habitat Types**
- Res

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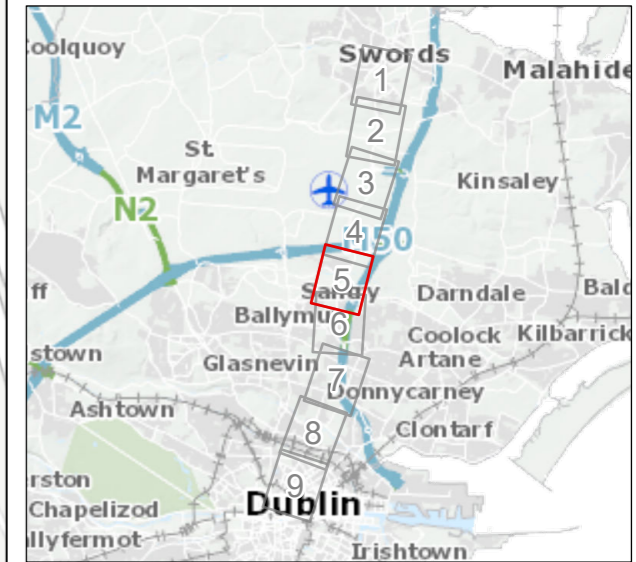
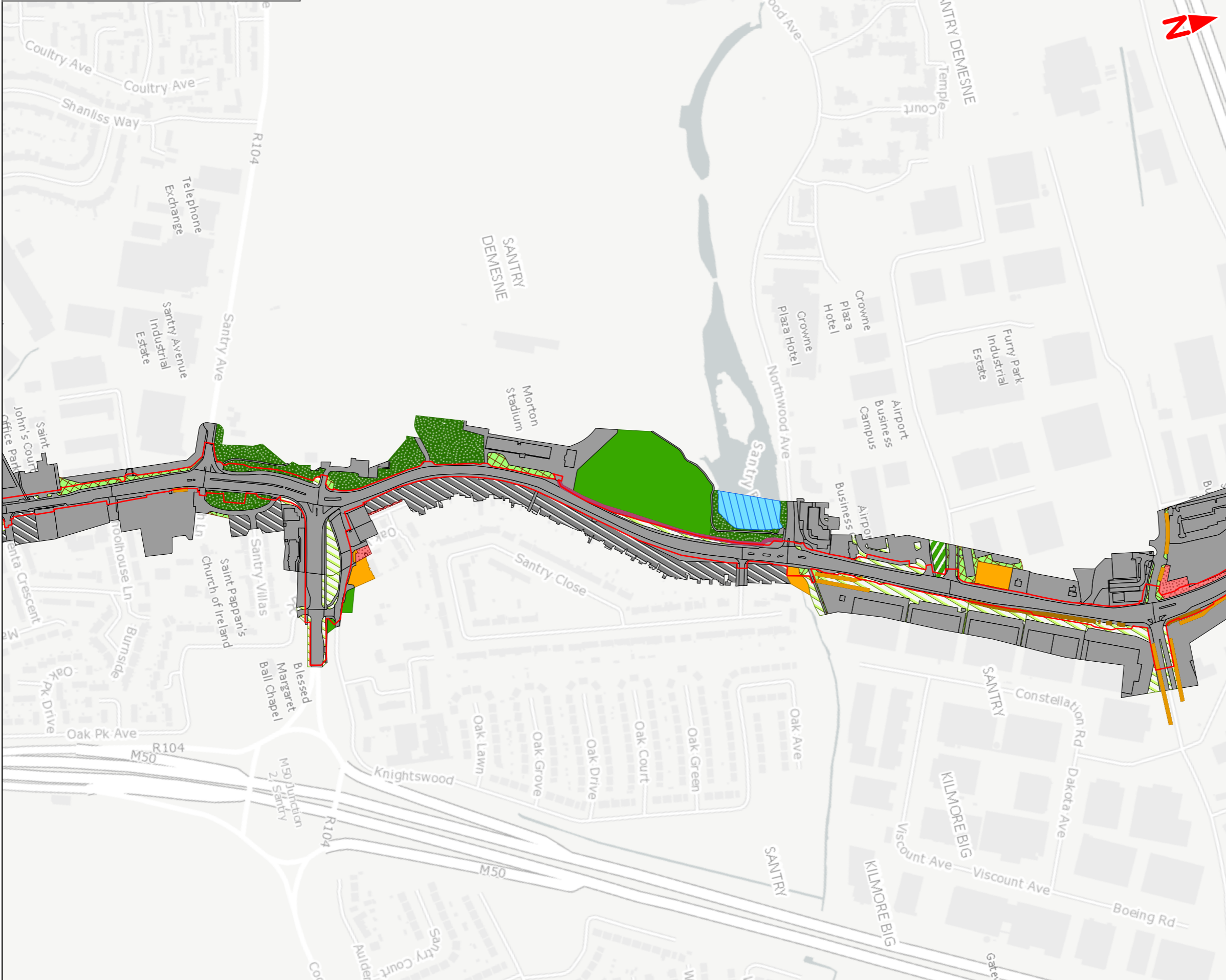
Project Code BCIDE
Originator Code JAC

Consultant
JACOBS ARUP SYSTRA

Drawn EK
Checked PW
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QMS Code

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0204	Sheet Number 4 of 9	Status A	Rev M01



Legend :
 Swords to City Centre Core Bus Corridor Scheme

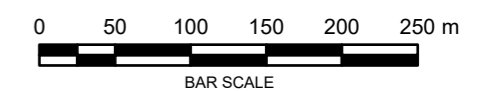
Fossitt Habitat Types

- BL1
- WL1
- WL2
- BL3
- ED3
- FL8
- GA2
- WD1
- WD2
- WD5
- WL1
- WL2
- WS1

Other Habitat Types

- Res

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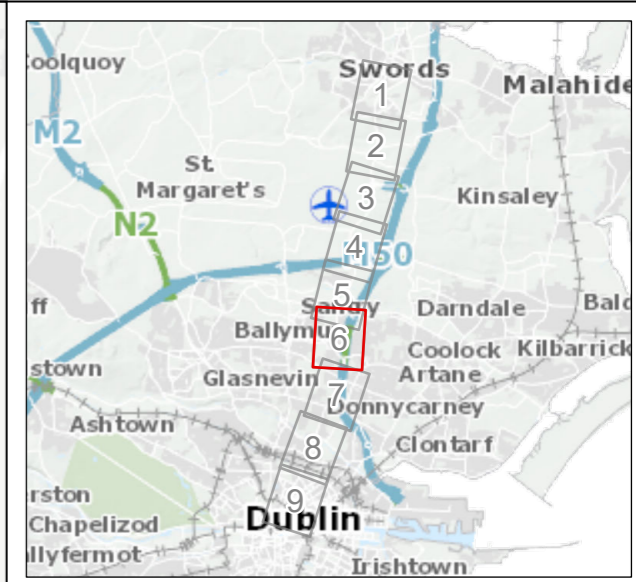
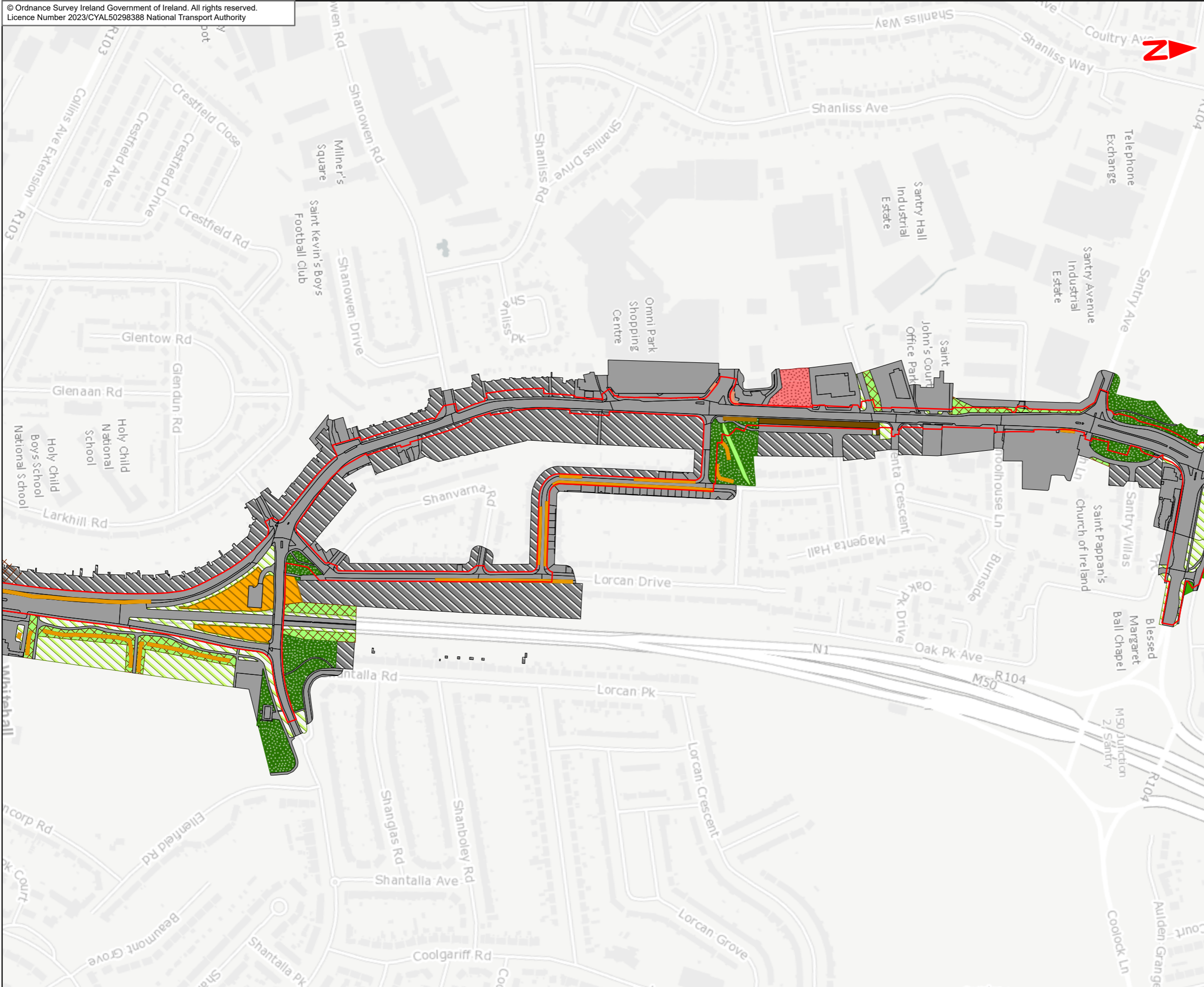
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Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0205	Sheet Number 5 of 9	Status A	Rev M01	

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Project Code BCIDE	Originator Code JAC	QMS Code		



Legend :

- Swords to City Centre Core Bus Corridor Scheme

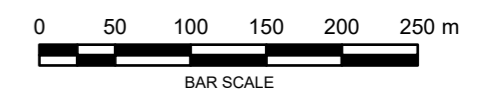
Fossitt Habitat Types

- WL1
- WL2
- WS3
- BC4
- BL3
- ED3
- GA2
- WD1
- WD5
- WL1
- WL2
- WS1
- WS2

Other Habitat Types

- Res

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

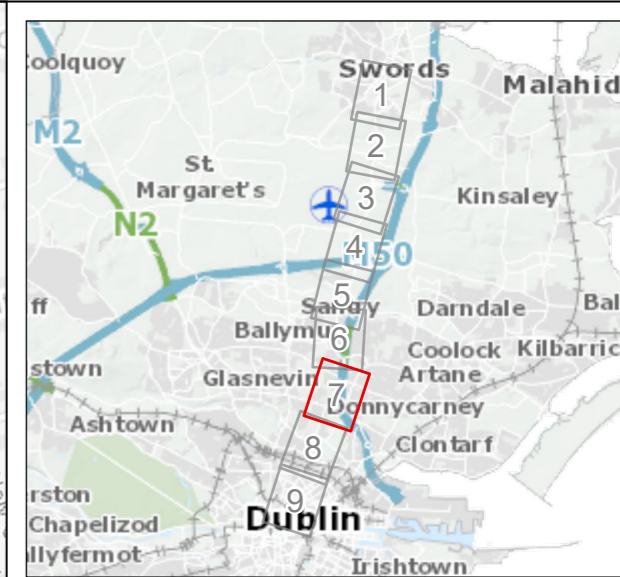
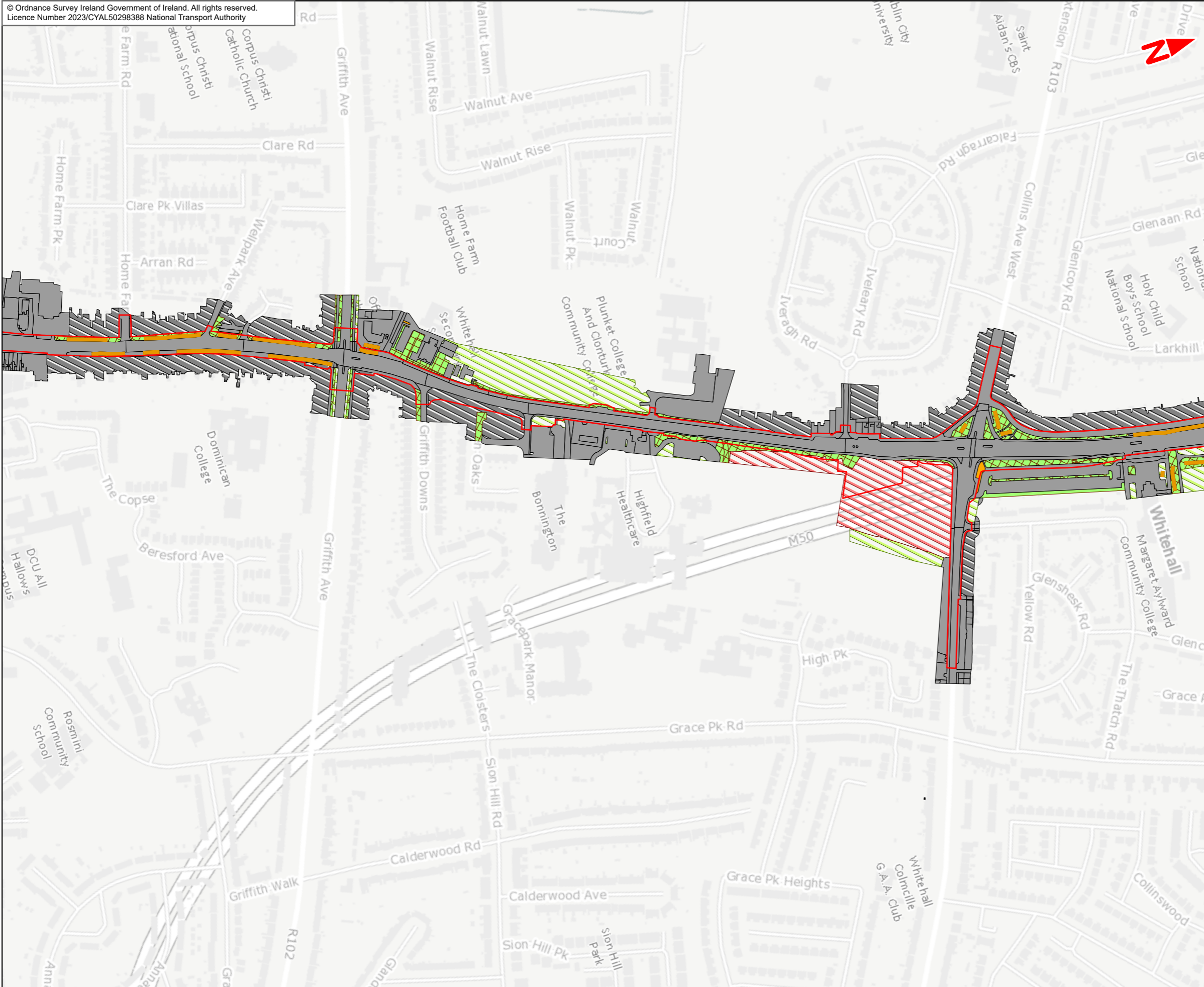
Date: 4/12/2023 Scale @ A3: 1:5 000

Project Code: BCIDE Originator Code: JAC

Drawn: EK Checked: PW Approved: DK

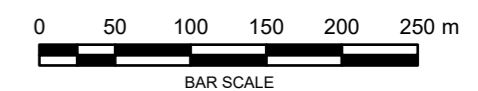
QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV BD-002_XX 00-DR-GG-0206	Sheet Number: 6 of 9	Status: A	Rev: M01



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Fossitt Habitat Types**
 - WL2
 - BL3
 - ED2
 - GA2
 - WL1
 - WL2
 - WS1
 - WS3
 - Other Habitat Types**
 - Res

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M01	Apr 2023	EK	PW	DK	ISSUE FOR PHASE 4 : PLANNING

Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

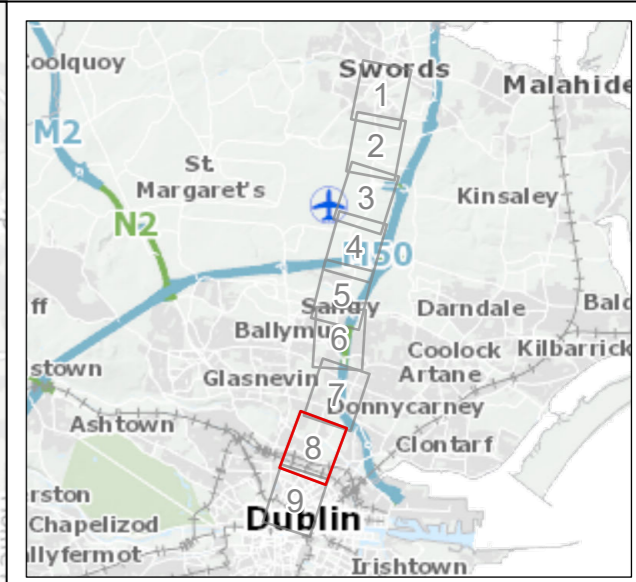
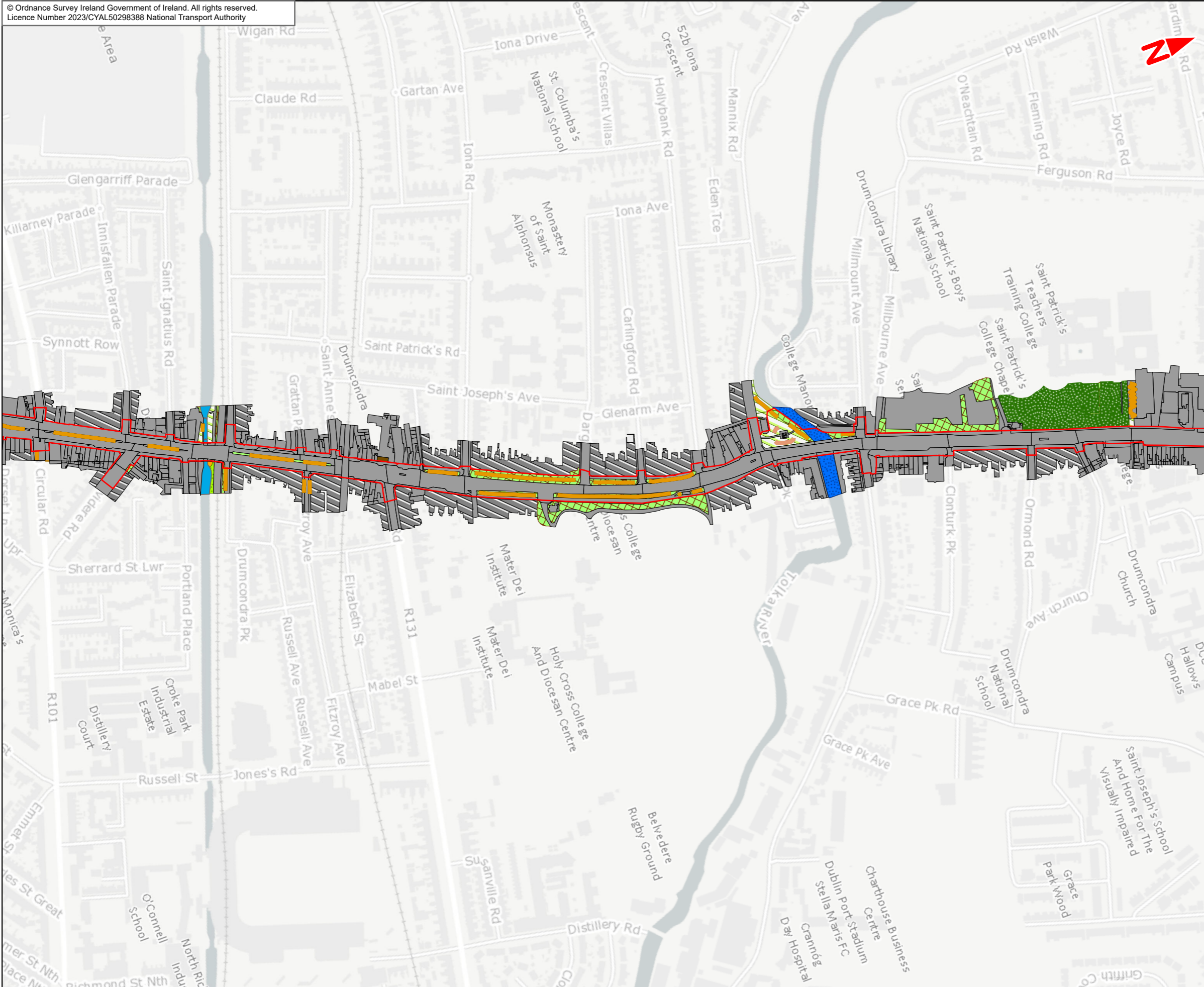
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Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV_BD-002_XX_00-DR-GG-0207	Sheet Number: 7 of 9	Status: A	Rev: M01



Legend :

Swords to City Centre Core Bus Corridor Scheme

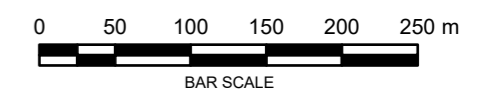
Fossitt Habitat Types

- WL2
- WS3
- BC4
- BL3
- FW2
- FW3
- GA2
- GS2
- WD5
- WL1
- WL2
- WS1

Other Habitat Types

- Res

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Client: **NTA**
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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

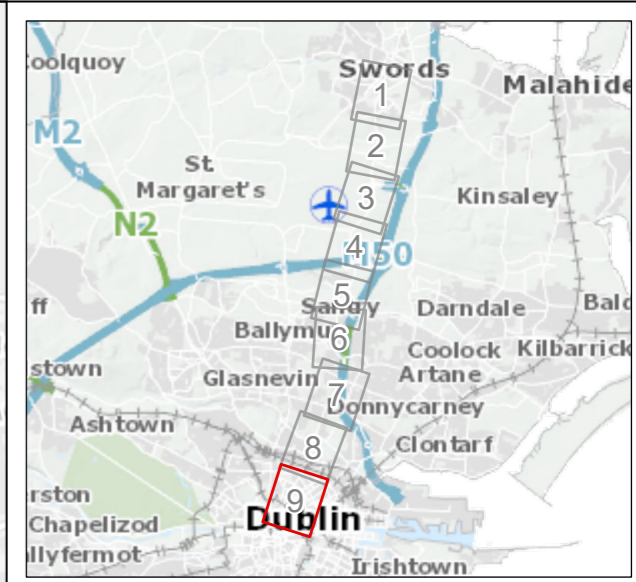
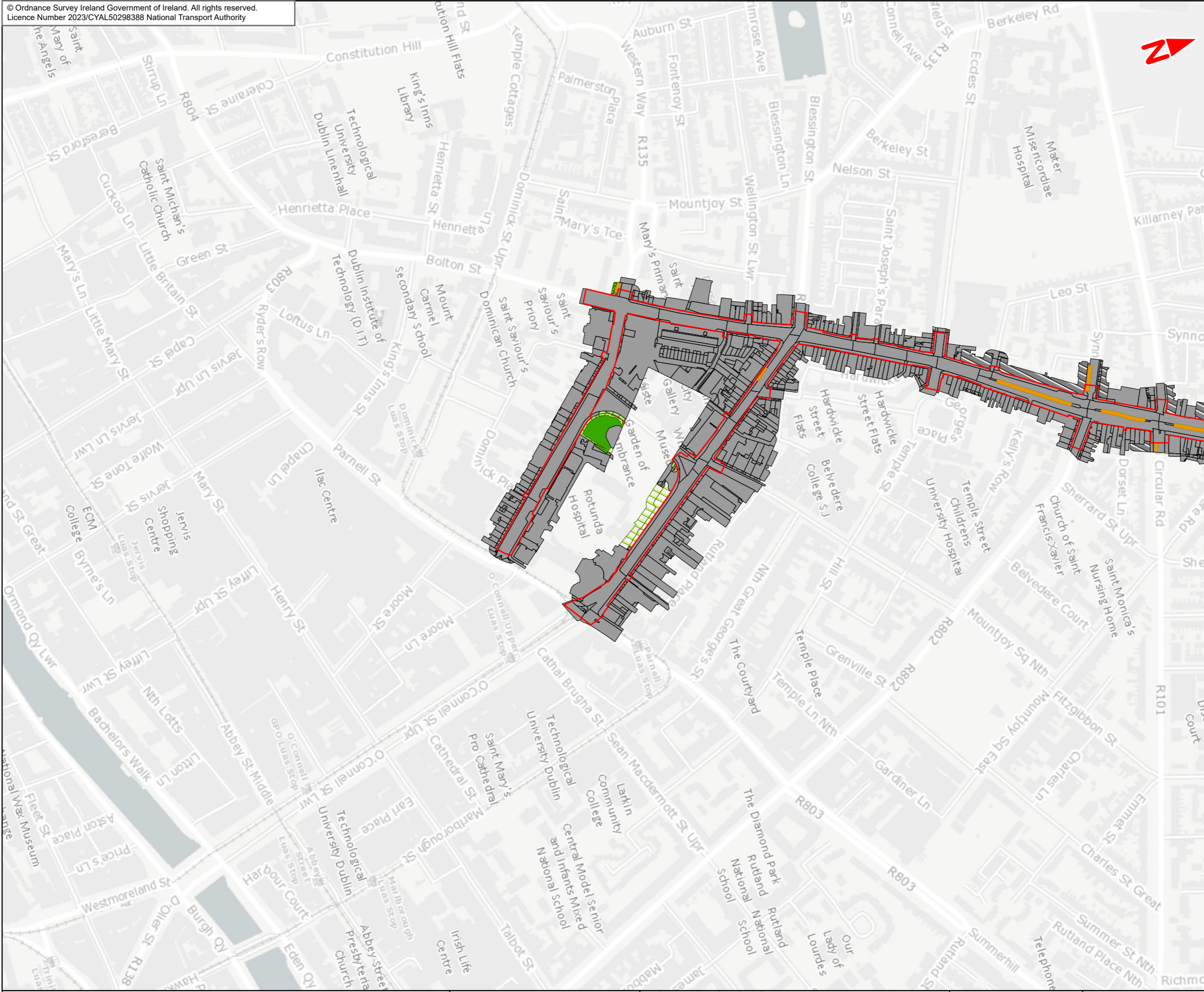
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Project Code: BCIDE Originator Code: JAC

Drawn: EK Checked: PW Approved: DK

QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0208	Sheet Number: 8 of 9	Status: A	Rev: M01



Legend :

- Swords to City Centre Core Bus Corridor Scheme

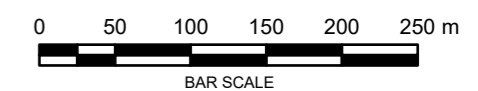
Fossitt Habitat Types

- WL2
- BL3
- GA2
- WD1
- WD5
- WL2

Other Habitat Types

- Res

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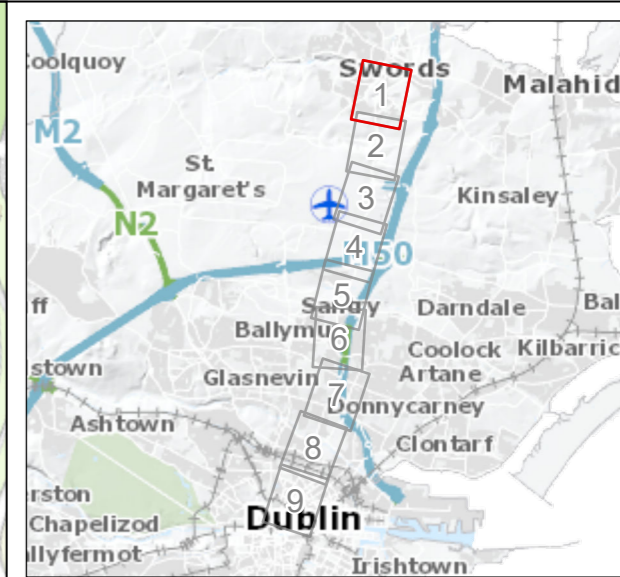
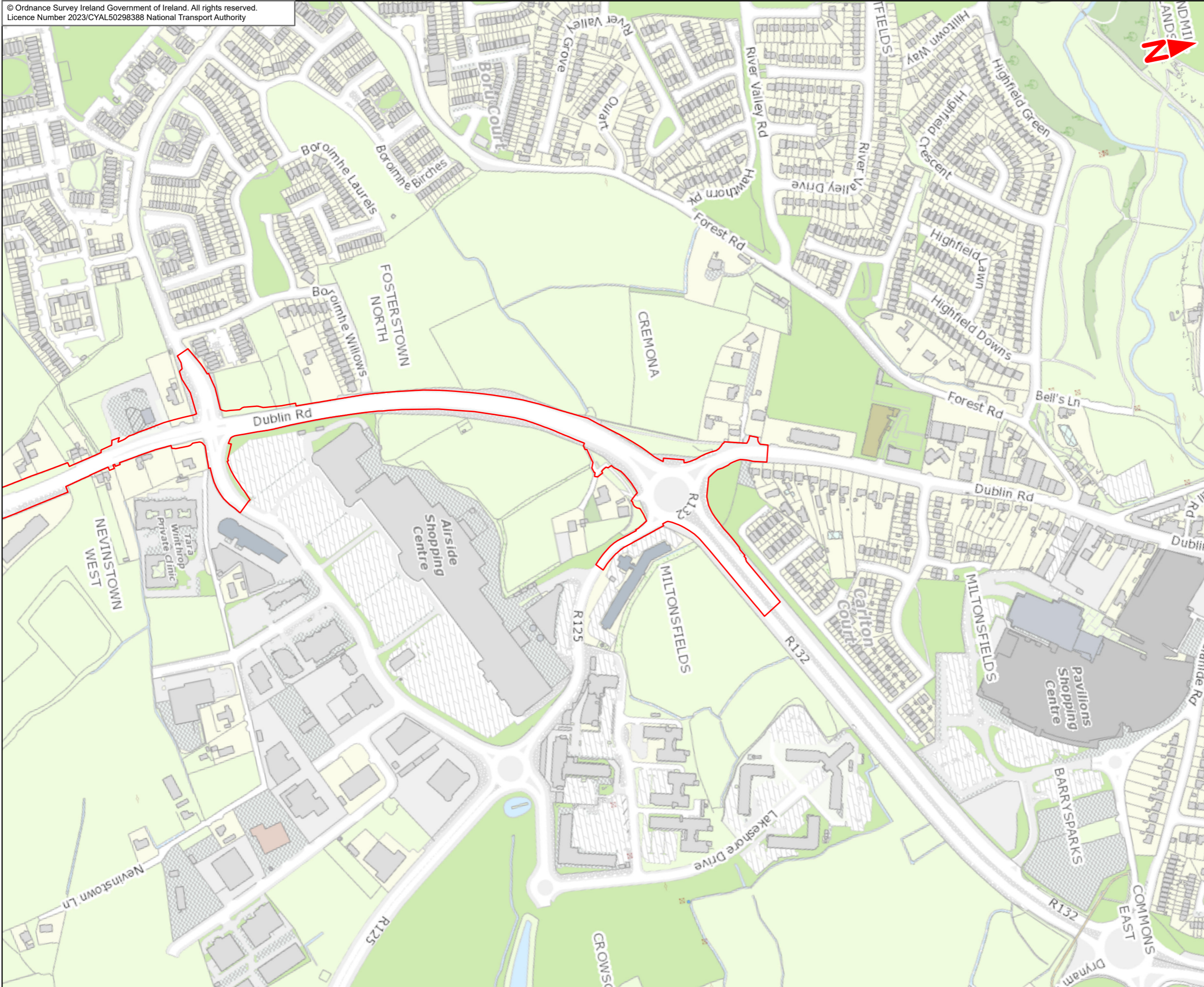
Rev	Date	Drn	Chk'd	App'd	Description
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Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification				
Drawing File Name BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0209	Sheet Number 9 of 9	Status A	Rev M01	

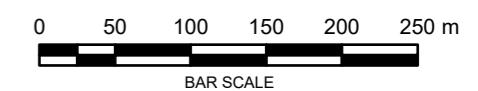
The background features a vibrant yellow field with abstract, overlapping shapes in dark blue, light blue, and teal. Several white circles of varying sizes are scattered throughout, some appearing as cutouts within the colored shapes. The overall style is modern and graphic.

12.6 Non-Native Invasive Plant Species Survey Results



Legend :
 Swords to City Centre Core Bus Corridor Scheme

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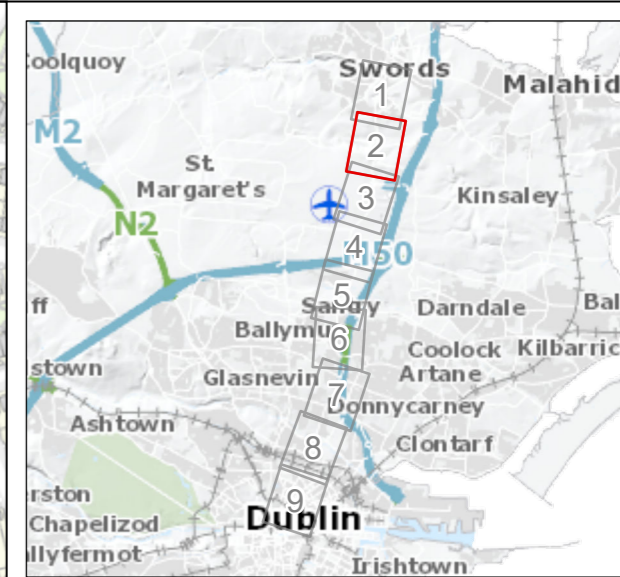
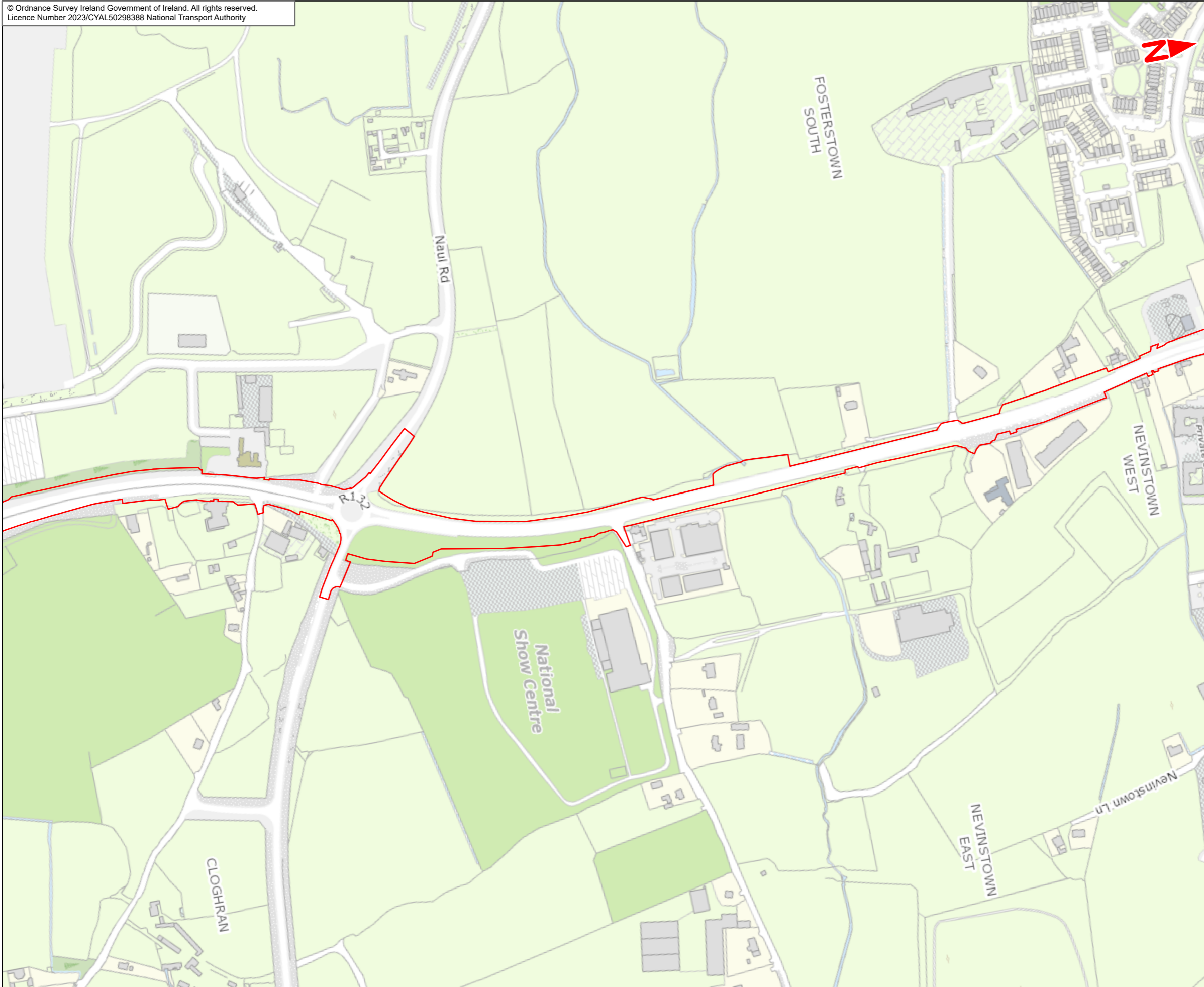
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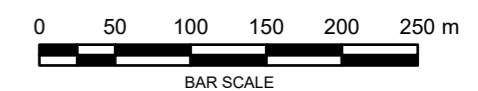
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/28/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0701	Sheet Number 1 of 9	Status A	Rev M01	



Legend :
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Client: **NTA**
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 National Transport Authority

Consultant: **Jacobs ARUP SYSTRA**

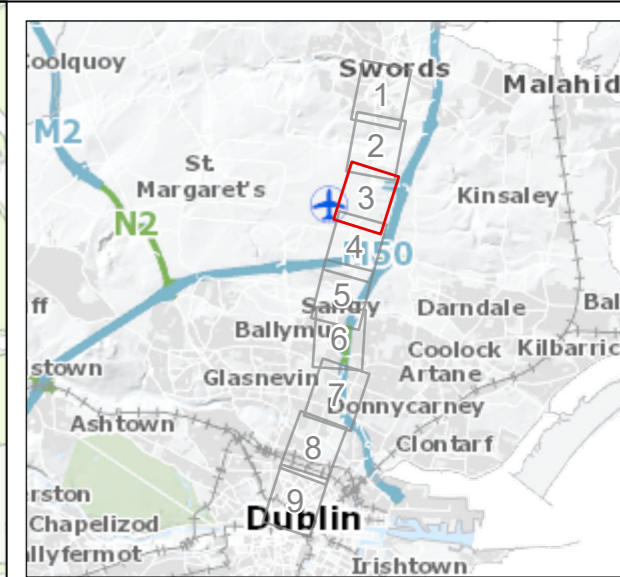
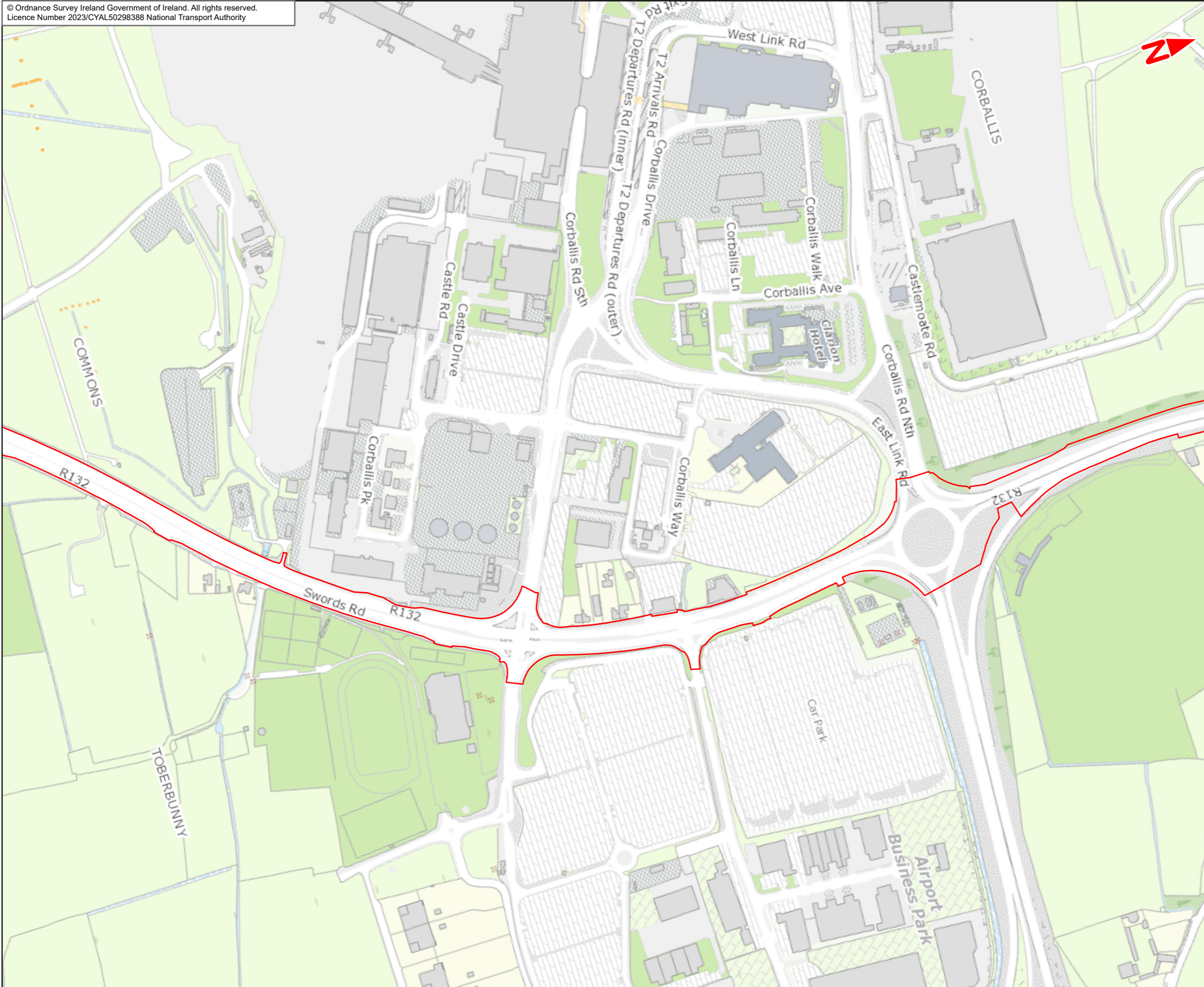
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 Scale @ A3: 1:5 000

Project Code: BCIDE
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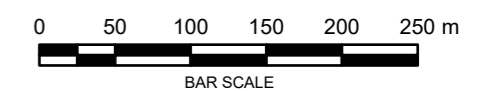
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0702	Sheet Number: 2 of 9	Status: A	Rev: M01



Legend :
 Swords to City Centre
 Core Bus Corridor Scheme

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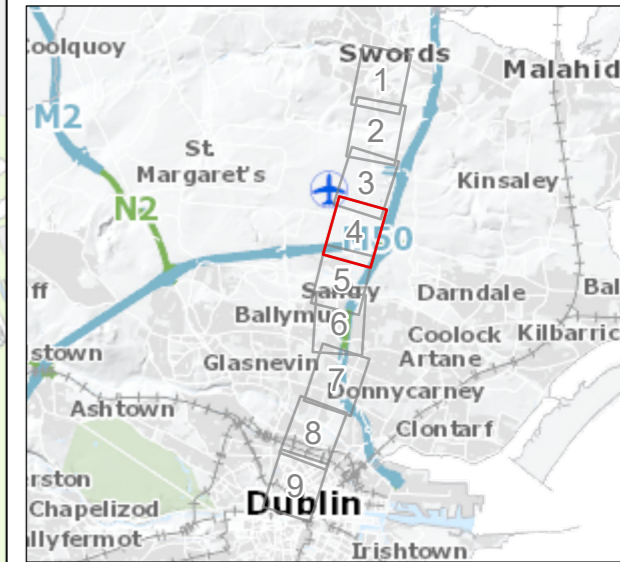
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Consultant
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ARUP SYSTRA

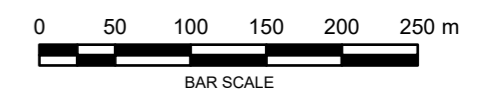
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Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0703	Sheet Number 3 of 9	Status A	Rev M01	

Date 4/28/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		



Legend :
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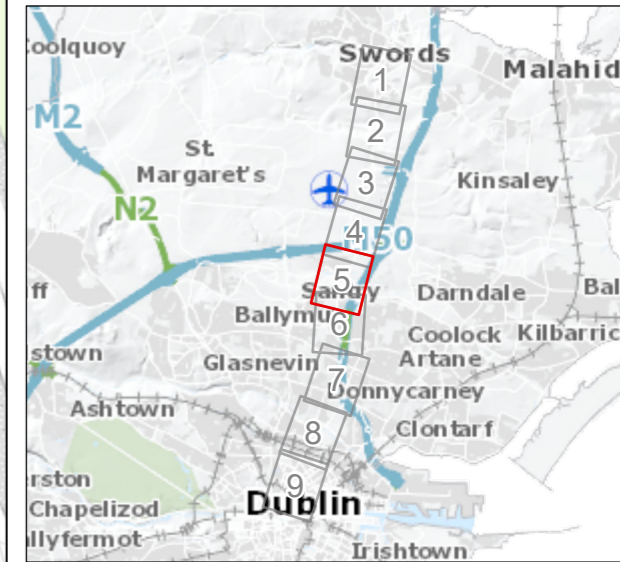
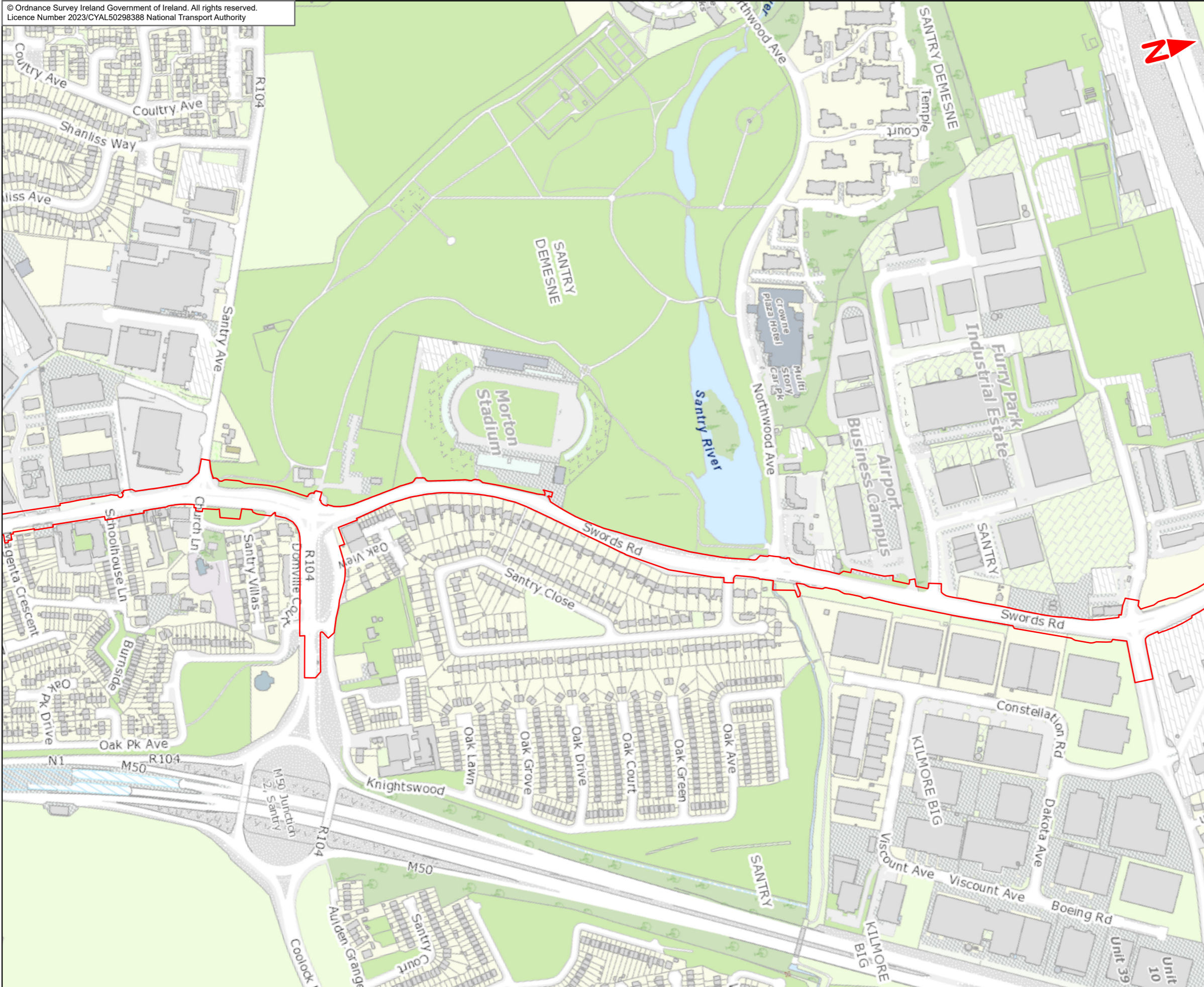
Consultant
JACOBS
ARUP SYSTRA

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 Swords to City Centre Core Bus Corridor Scheme
 Figure 12.6
 Non-Native Invasive Plant Species Survey Results

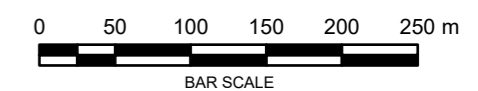
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Project Code	BCIDE	Originator Code	JAC	QMS Code					

Drawing File Name	BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0704	Sheet Number	4 of 9	Status	A	Rev	M01
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Legend :
 Swords to City Centre
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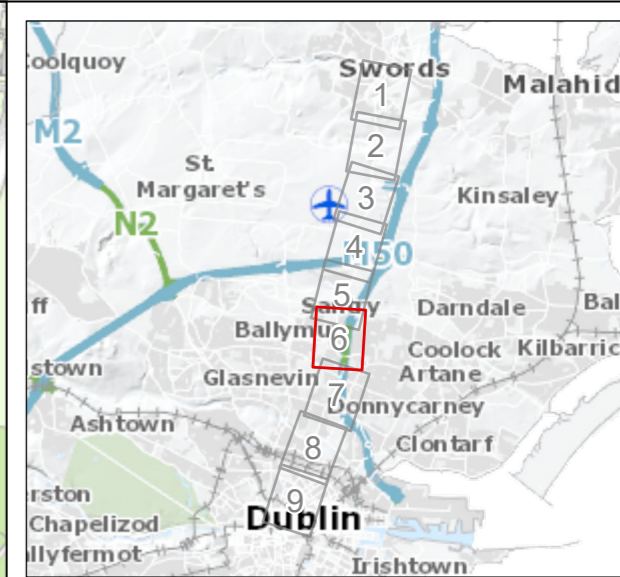
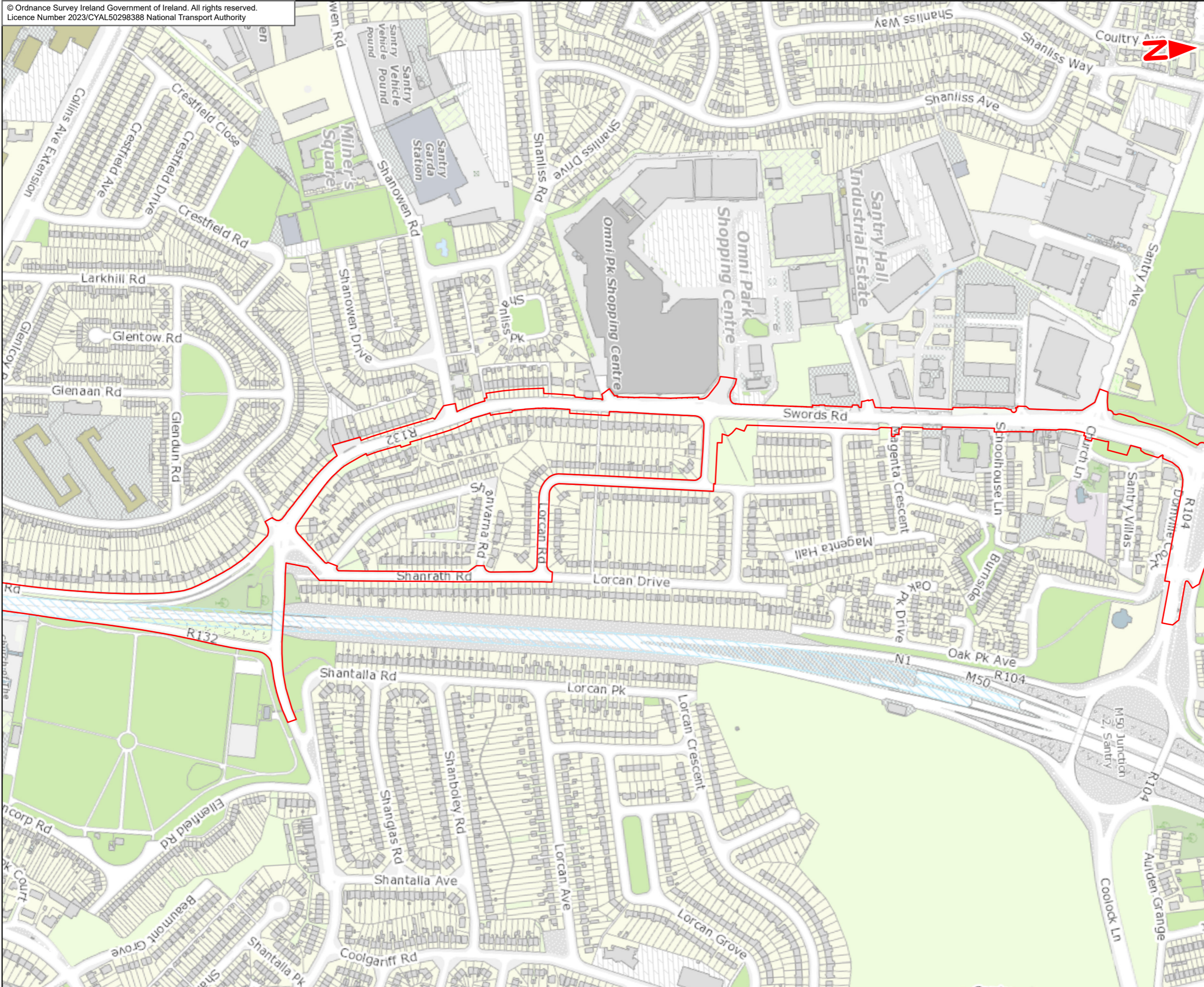


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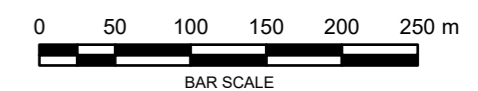
Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Date 4/28/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0705
Sheet Number 5 of 9		Status A	Rev M01	



Legend :
 Swords to City Centre
 Core Bus Corridor Scheme

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 National Transport Authority

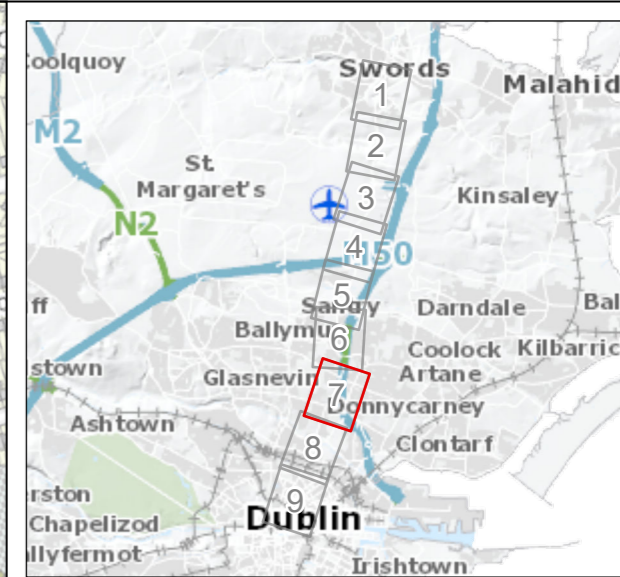
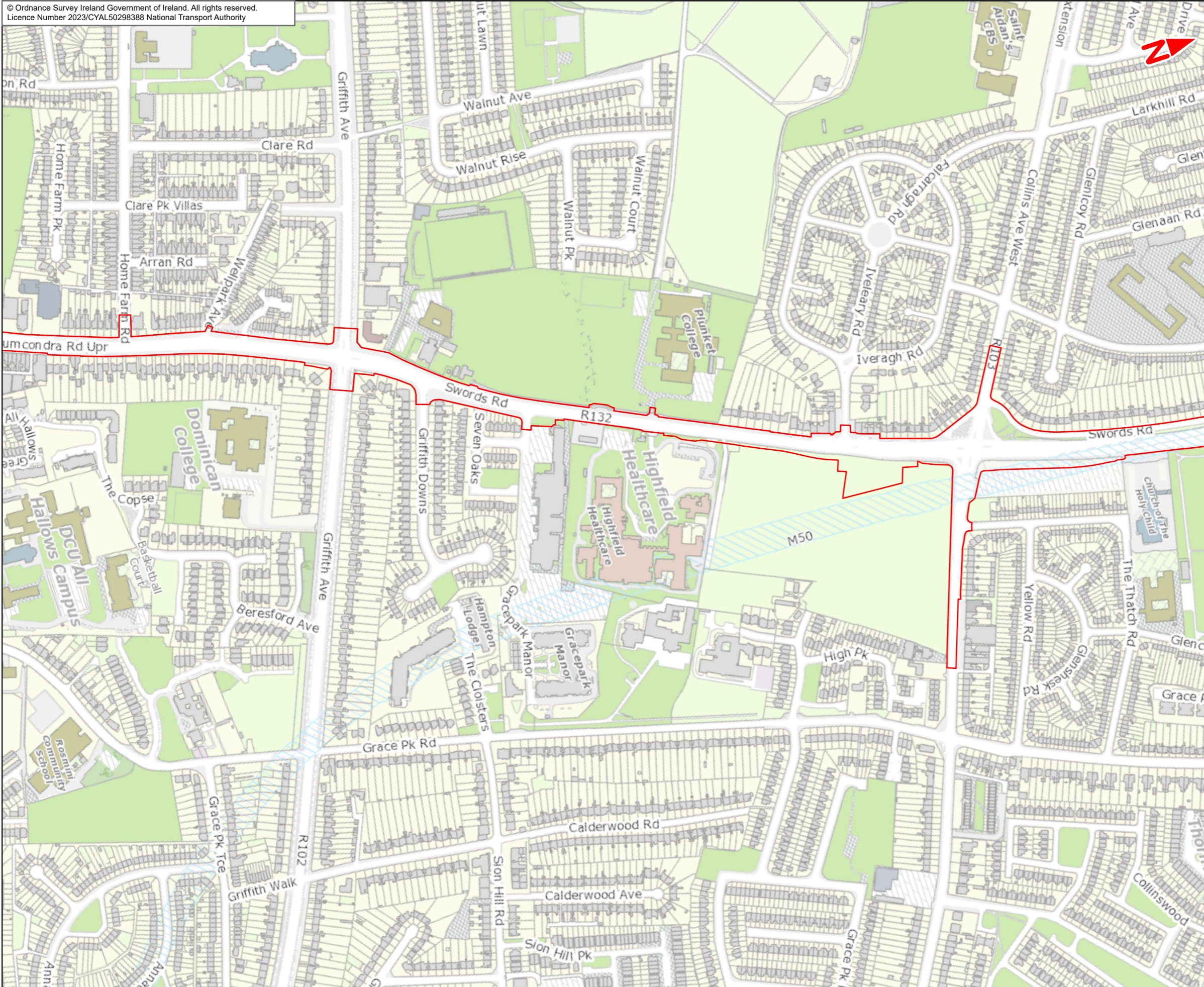
Consultant
JACOBS
ARUP SYSTRA

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 Swords to City Centre Core Bus Corridor Scheme
 Figure 12.6
 Non-Native Invasive Plant Species Survey Results

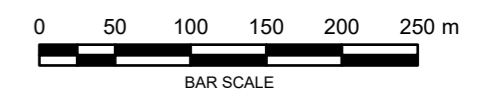
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Project Code	BCIDE	Originator Code	JAC	QMS Code					

Drawing File Name	BCIDE-JAC-ENV_BD-002_XX_00-DR-GG-0706	Sheet Number	6 of 9	Status	A	Rev	M01
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Legend :
 Swords to City Centre
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Client: **NTA**
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National Transport Authority

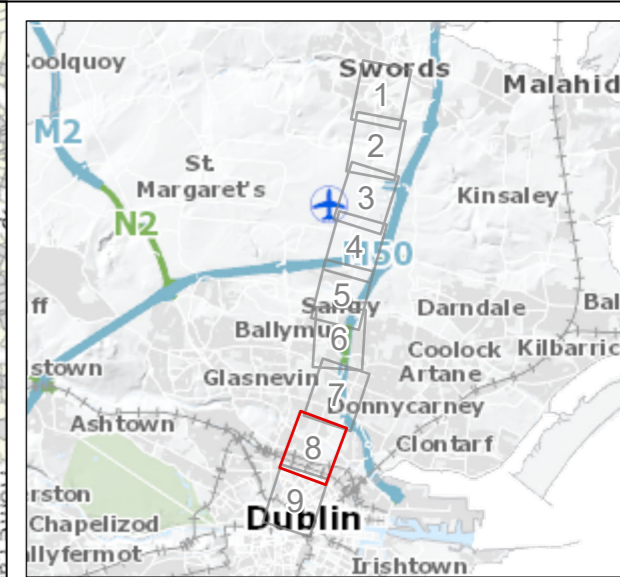
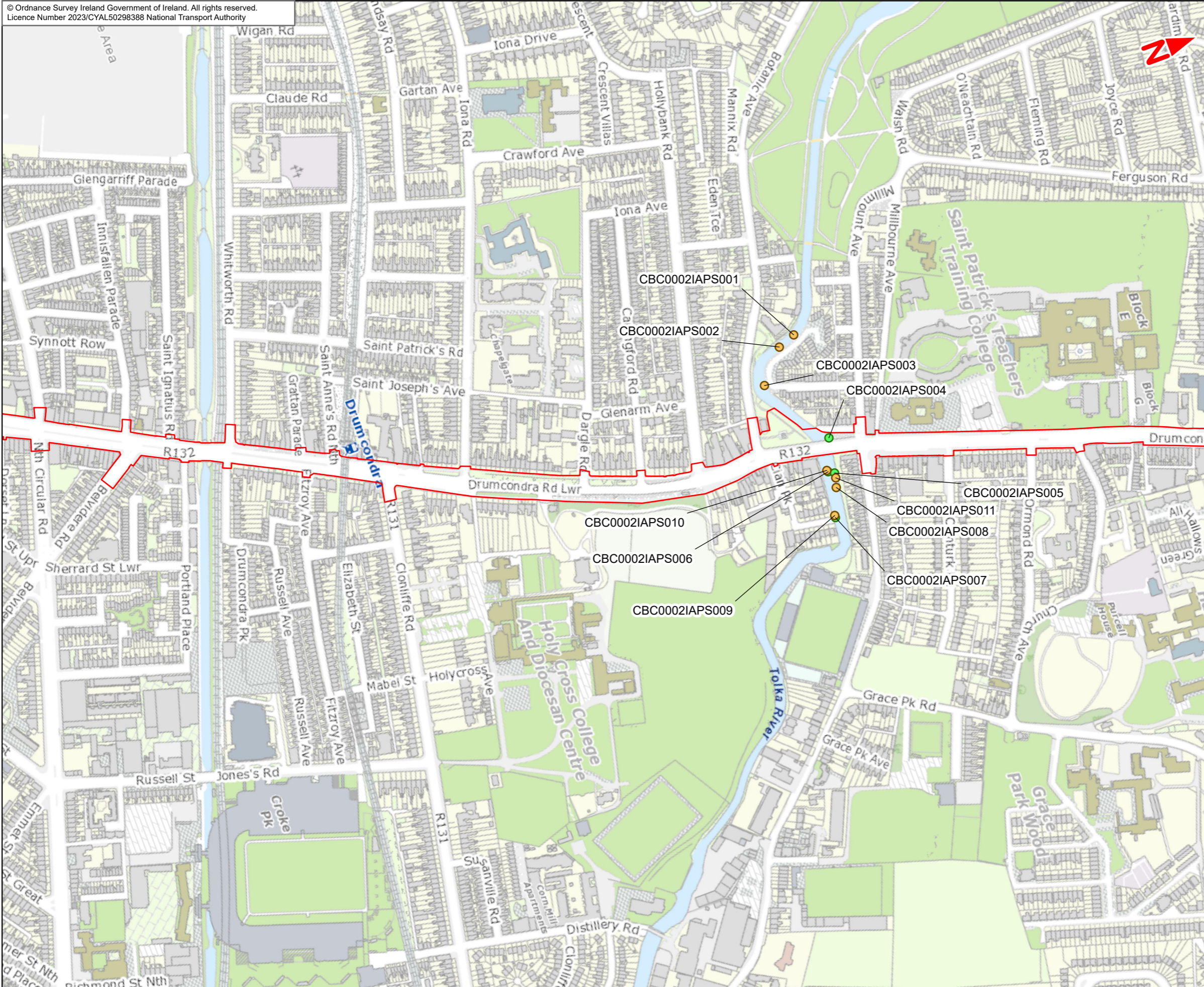
Consultant: **JACOBS ARUP SYSTRA**

Date: 4/28/2023
Scale @ A3: 1:5 000

Project Code: BCIDE
Originator Code: JAC

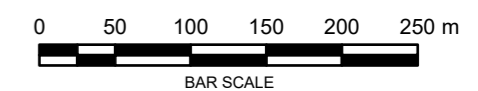
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Checked: PW
Approved: DK

Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	Swords to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results		
Drawing File Name	BCIDE-JAC-ENV_BD-0002_XX_00-DR-GG-0707	Sheet Number	7 of 9
Status	A	Rev	M01



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - *Heracleum mantegazzianum*
 - *Impatiens glandulifera*

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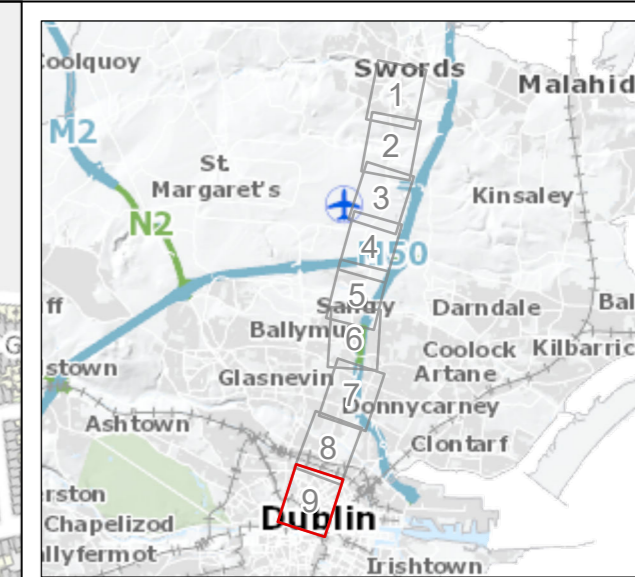
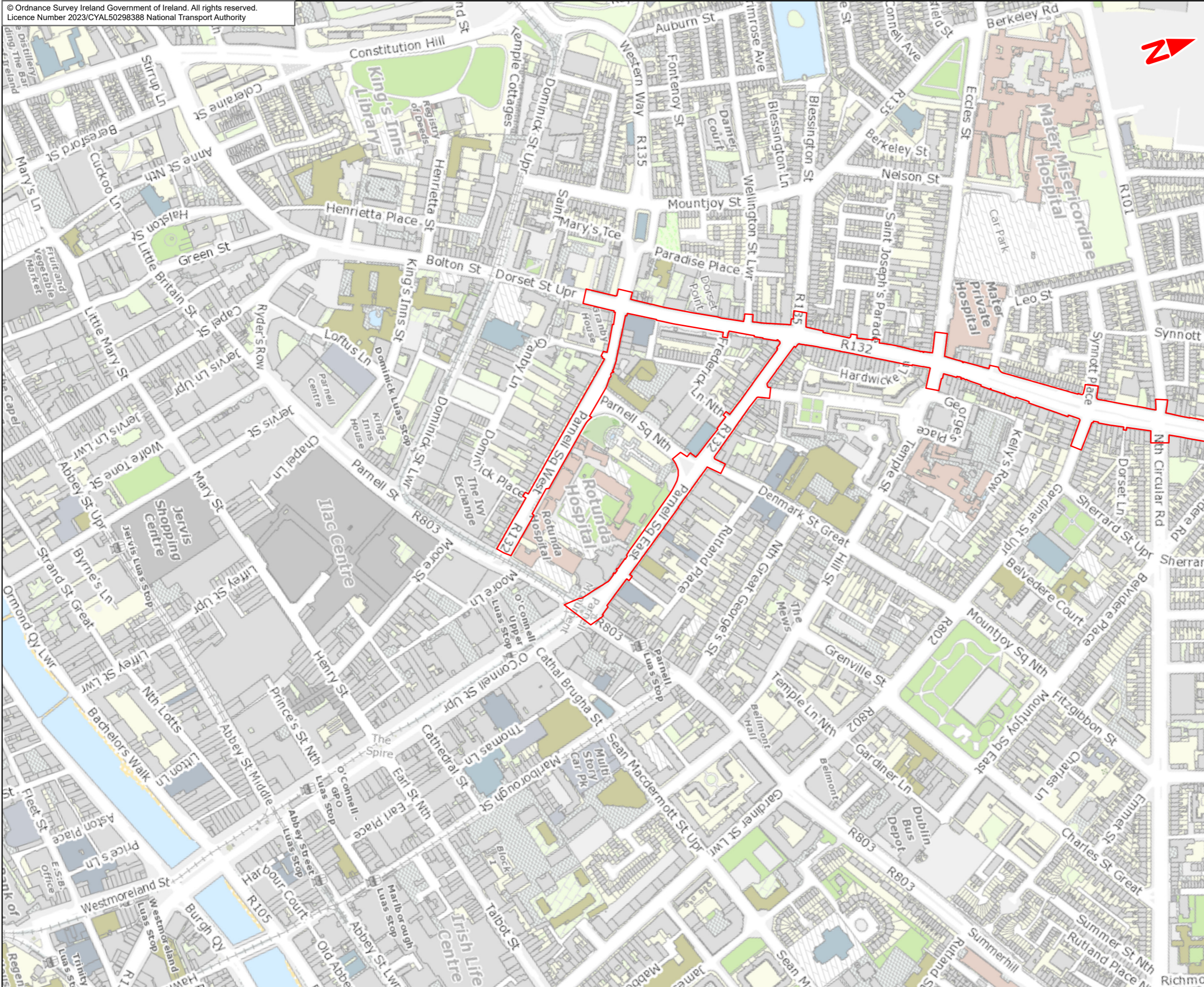


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M01	Apr 2023	EK	PW	DK	ISSUE FOR PHASE 4 : PLANNING

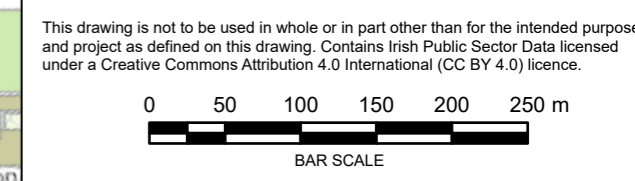
Client

Consultant

Programme Title					BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title					Swords to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Date	4/28/2023	Scale @ A3	1:5 000	Drawn	EK	Checked	PW	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code		Sheet Number	8 of 9	Status	A
Drawing File Name	BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0708	Sheet Number	8 of 9	Status	A	Rev	M01		



Legend :
 Swords to City Centre
 Core Bus Corridor Scheme



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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

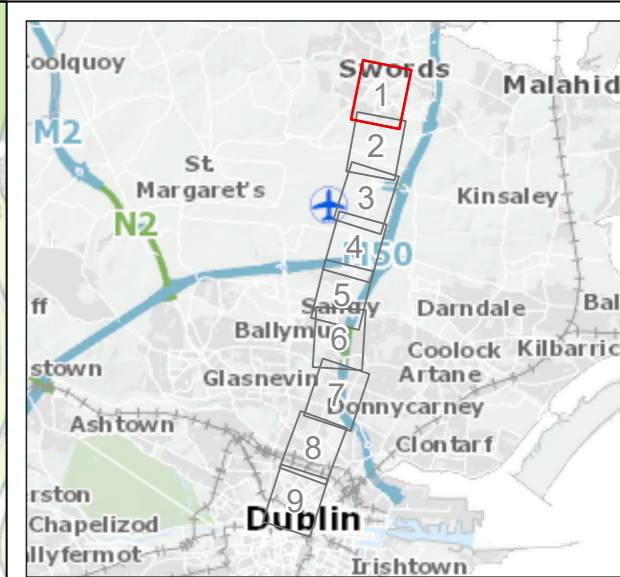
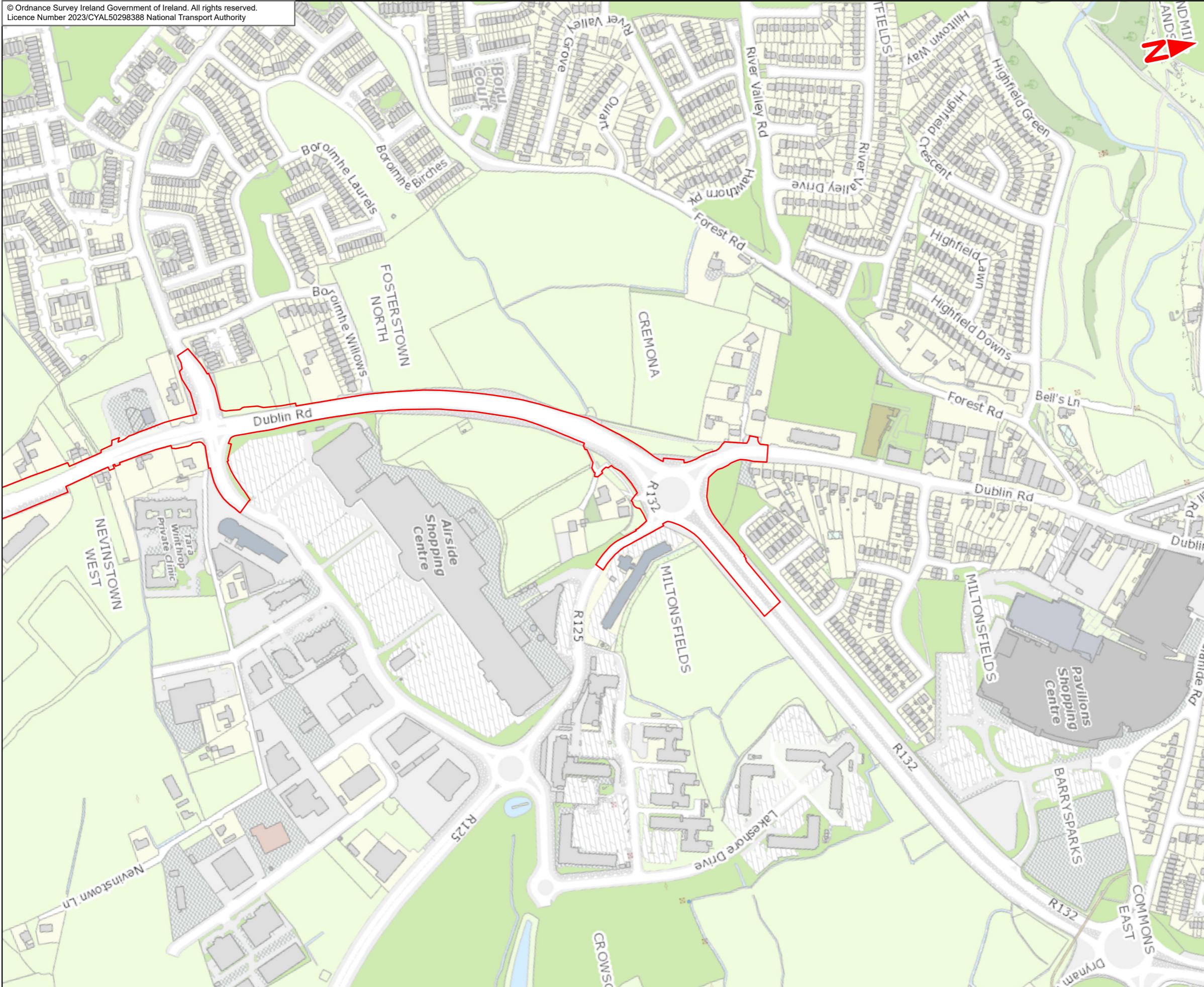
Date: 4/28/2023 Scale @ A3: 1:5 000
 Project Code: BCIDE Originator Code: JAC

Drawn: EK Checked: PW Approved: DK
 QMS Code: _____

Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	Swords to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results		
Drawing File Name	BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0709	Sheet Number	9 of 9
Status	A	Rev	M01

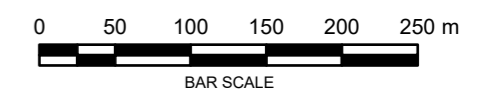
The background of the slide is a vibrant yellow. It is decorated with several abstract, organic shapes in shades of blue and green. These shapes are interconnected and layered, creating a sense of depth and movement. Scattered throughout the design are several white circles of varying sizes, some of which are partially enclosed by the blue and green shapes. The overall aesthetic is modern and clean.

12.7 Mammal, Aquatic and Riparian Survey Results



Legend :
 Swords to City Centre
 Core Bus Corridor Scheme

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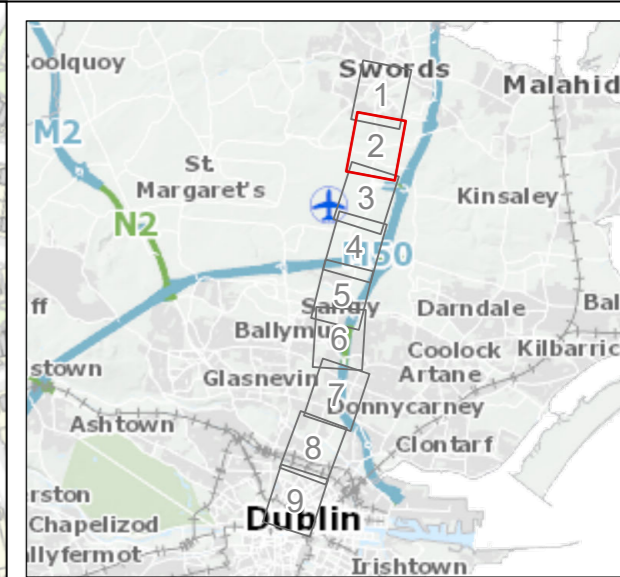
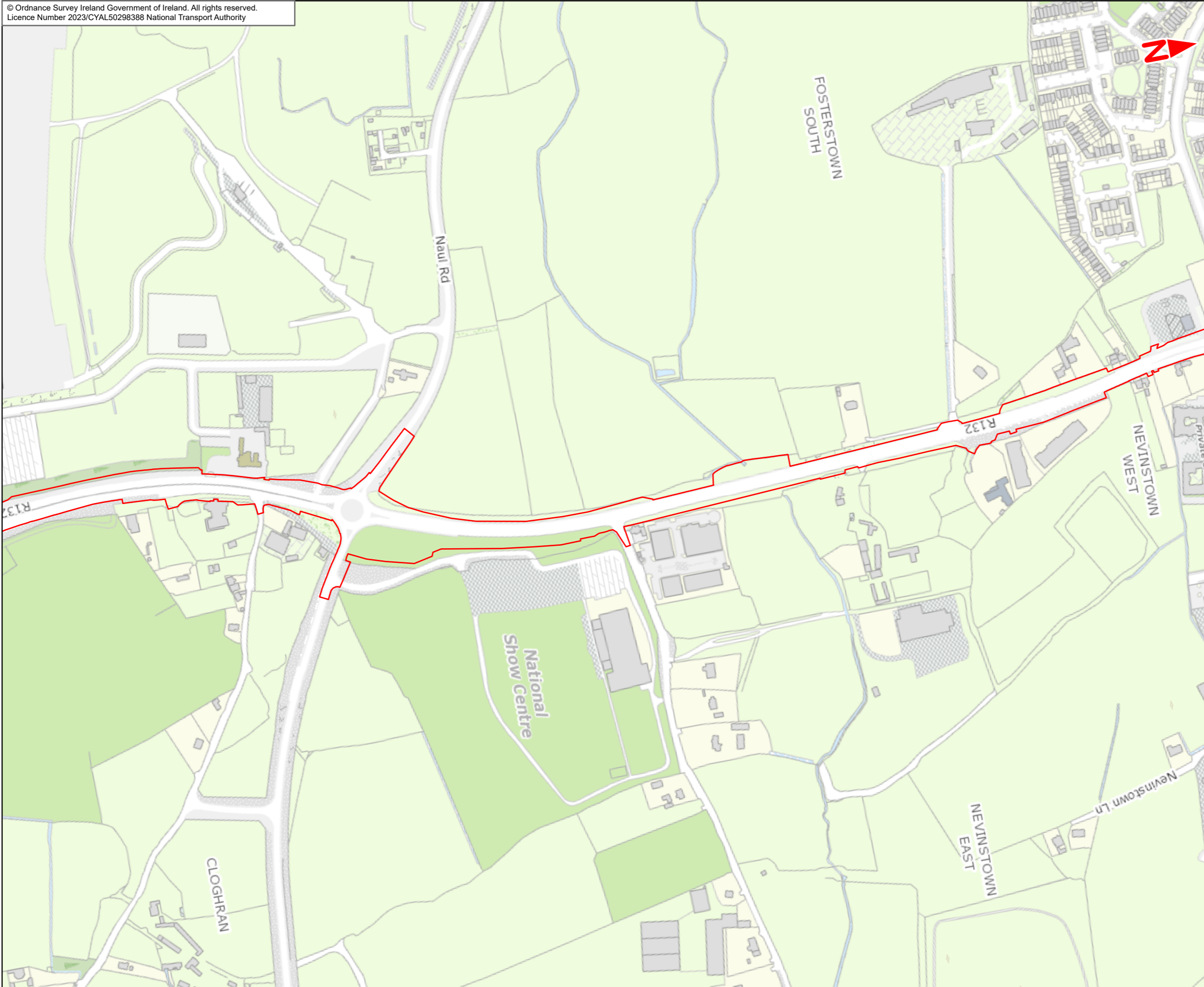
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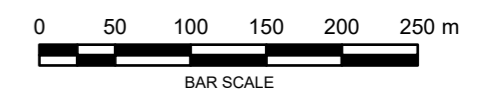
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.7 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0801	Sheet Number 1 of 9	Status A	Rev M01	



Legend :
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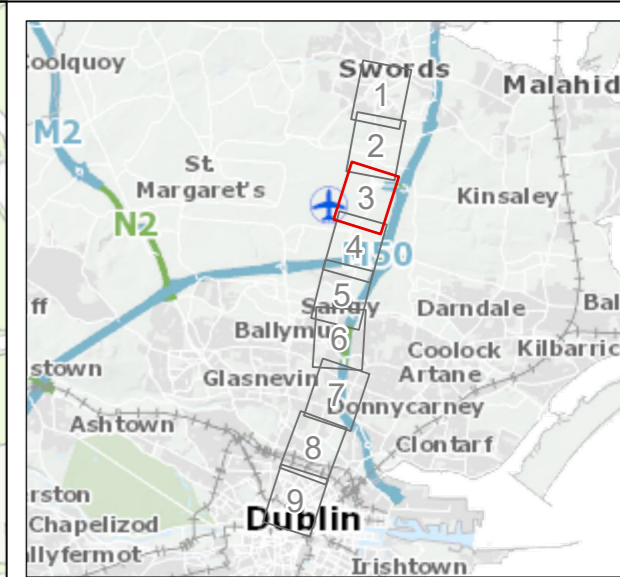
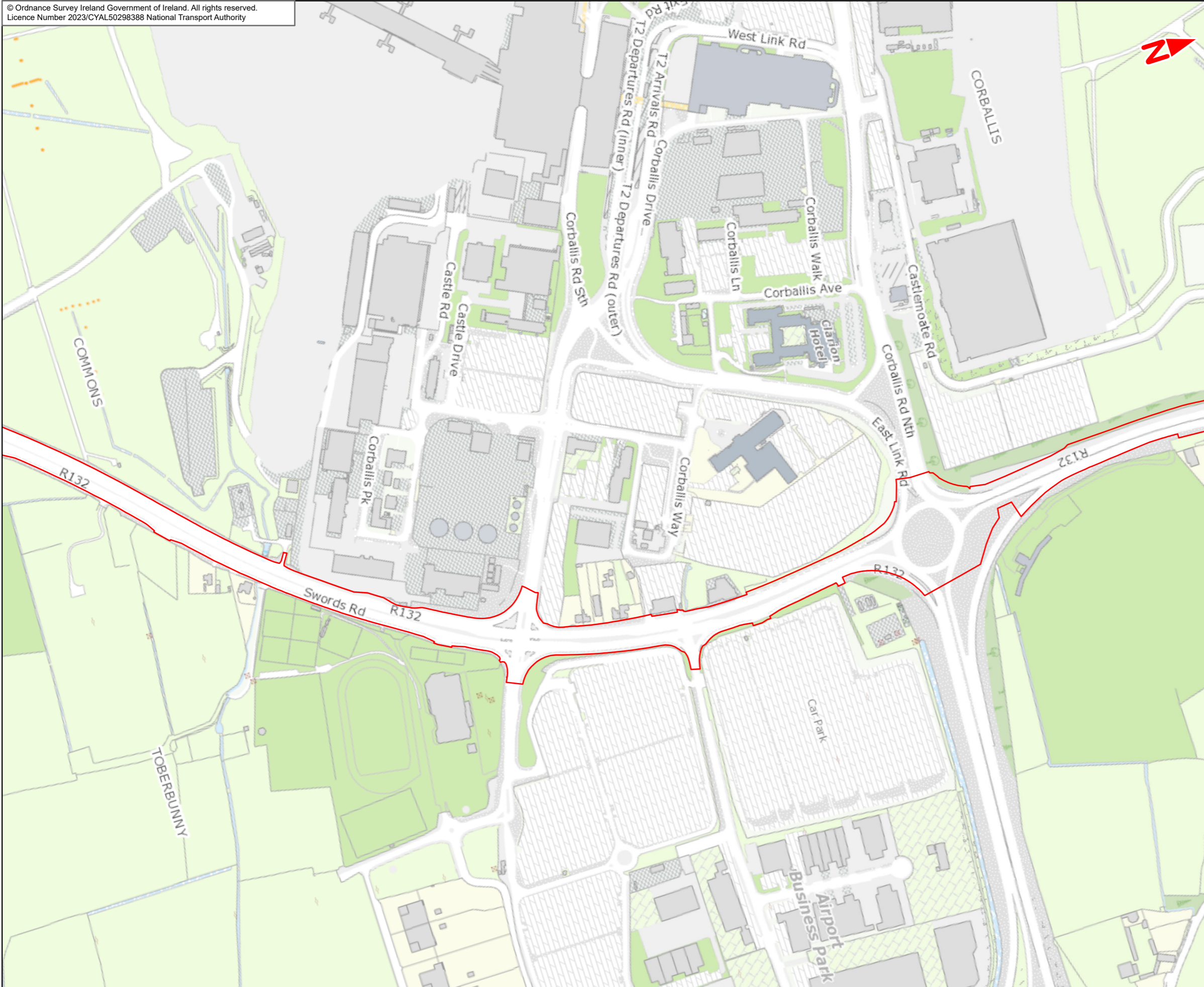
Consultant: **Jacobs ARUP SYSTRA**

Date: 4/12/2023
 Scale @ A3: 1:5 000

Project Code: BCIDE
 Originator Code: JAC

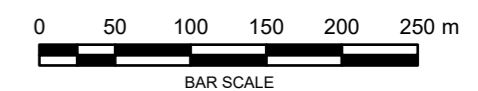
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.7 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0802	Sheet Number: 2 of 9	Status: A	Rev: M01



Legend :
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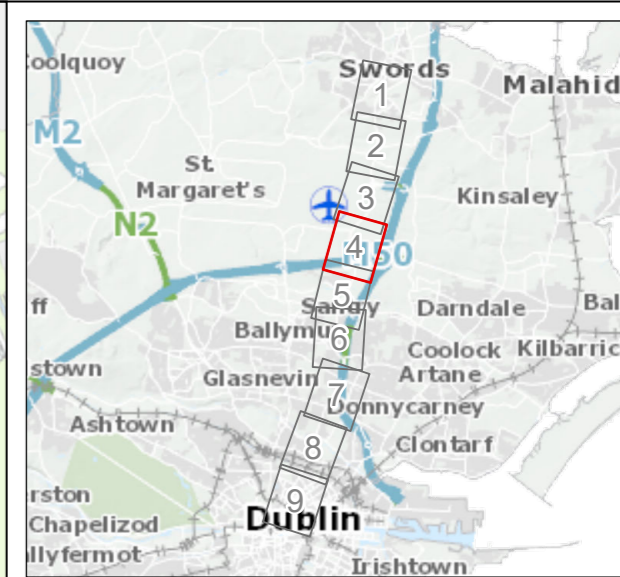
Consultant: **JACOBS ARUP SYSTRA**

Date: 4/12/2023
 Scale @ A3: 1:5 000

Project Code: BCIDE
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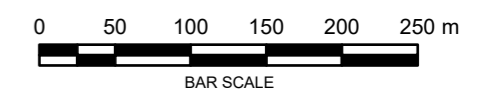
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.7 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0803	Sheet Number: 3 of 9	Status: A	Rev: M01



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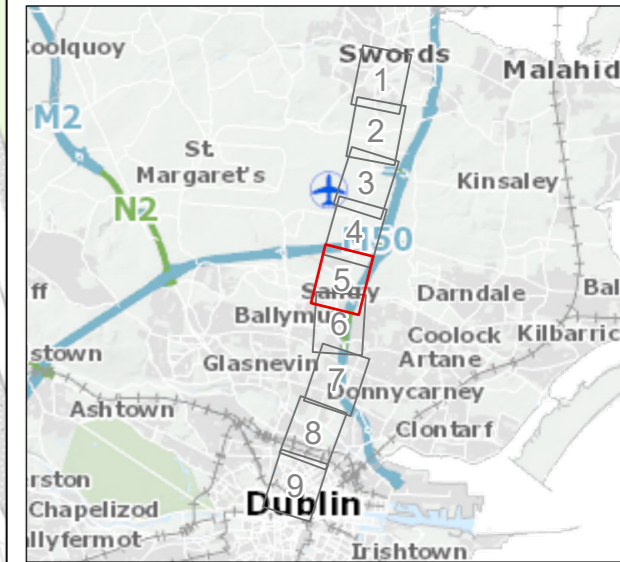
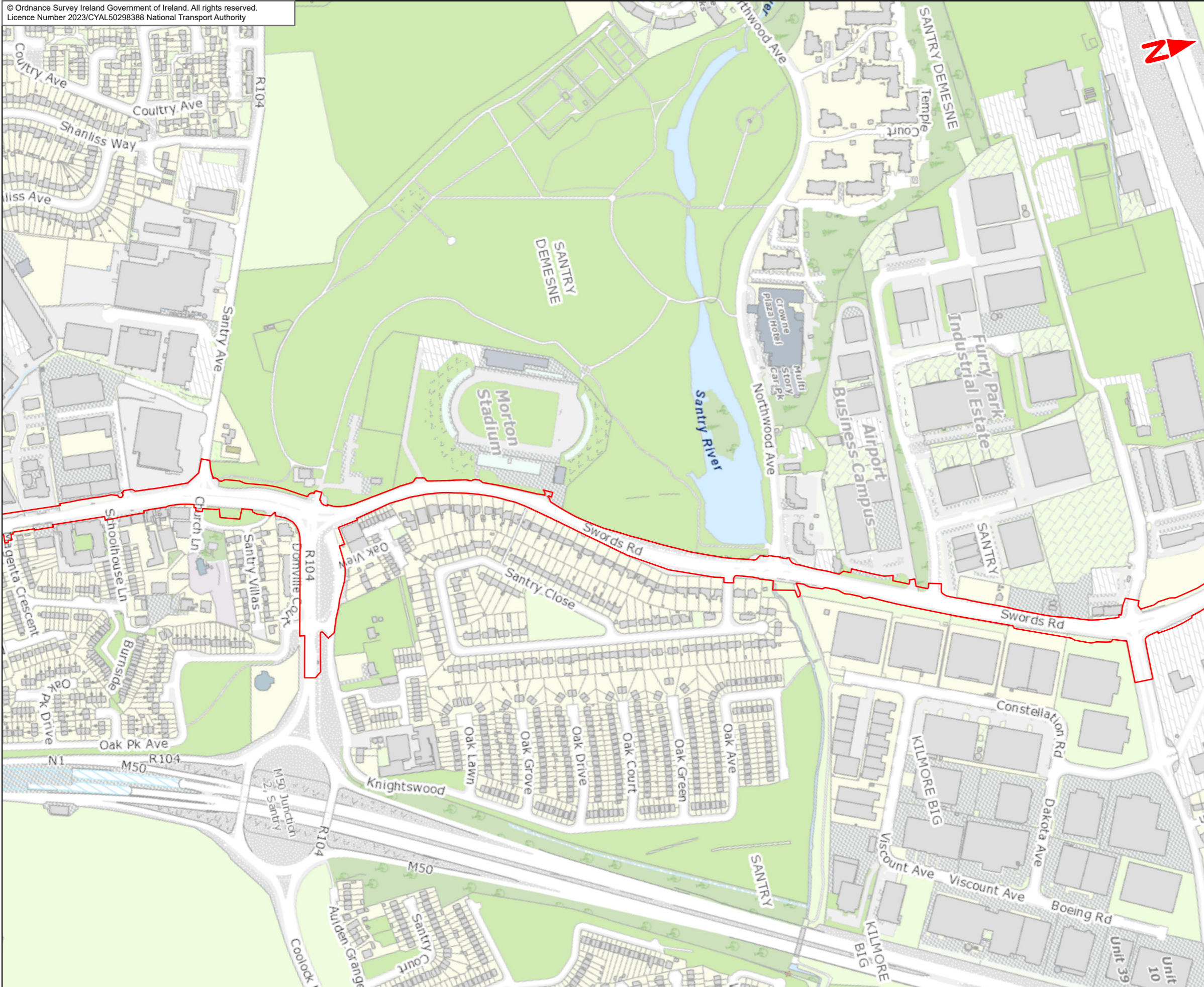
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Jacobs
ARUP SYSTRA

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 Swords to City Centre Core Bus Corridor Scheme
 Figure 12.7
 Mammal, Aquatic, and Riparian Survey Results

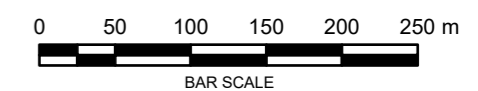
Date	4/12/2023	Scale @ A3	1:5 000	Drawn	EK	Checked	PW	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code					

Drawing File Name	BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0804	Sheet Number	4 of 9	Status	A	Rev	M01
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Legend :
 Swords to City Centre
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 National Transport Authority

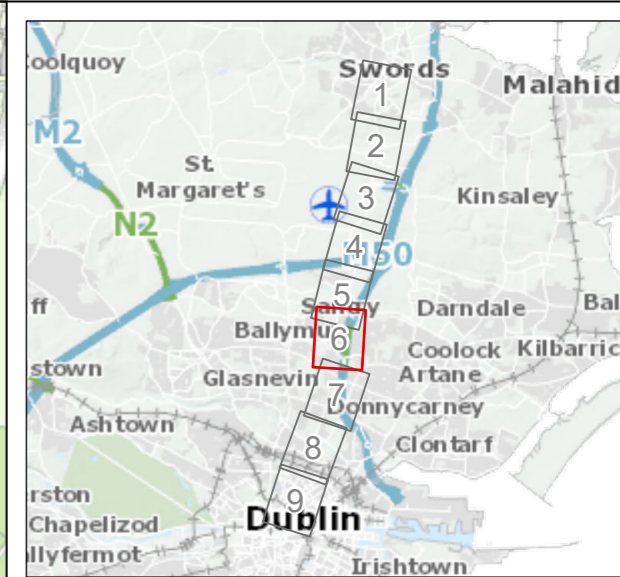
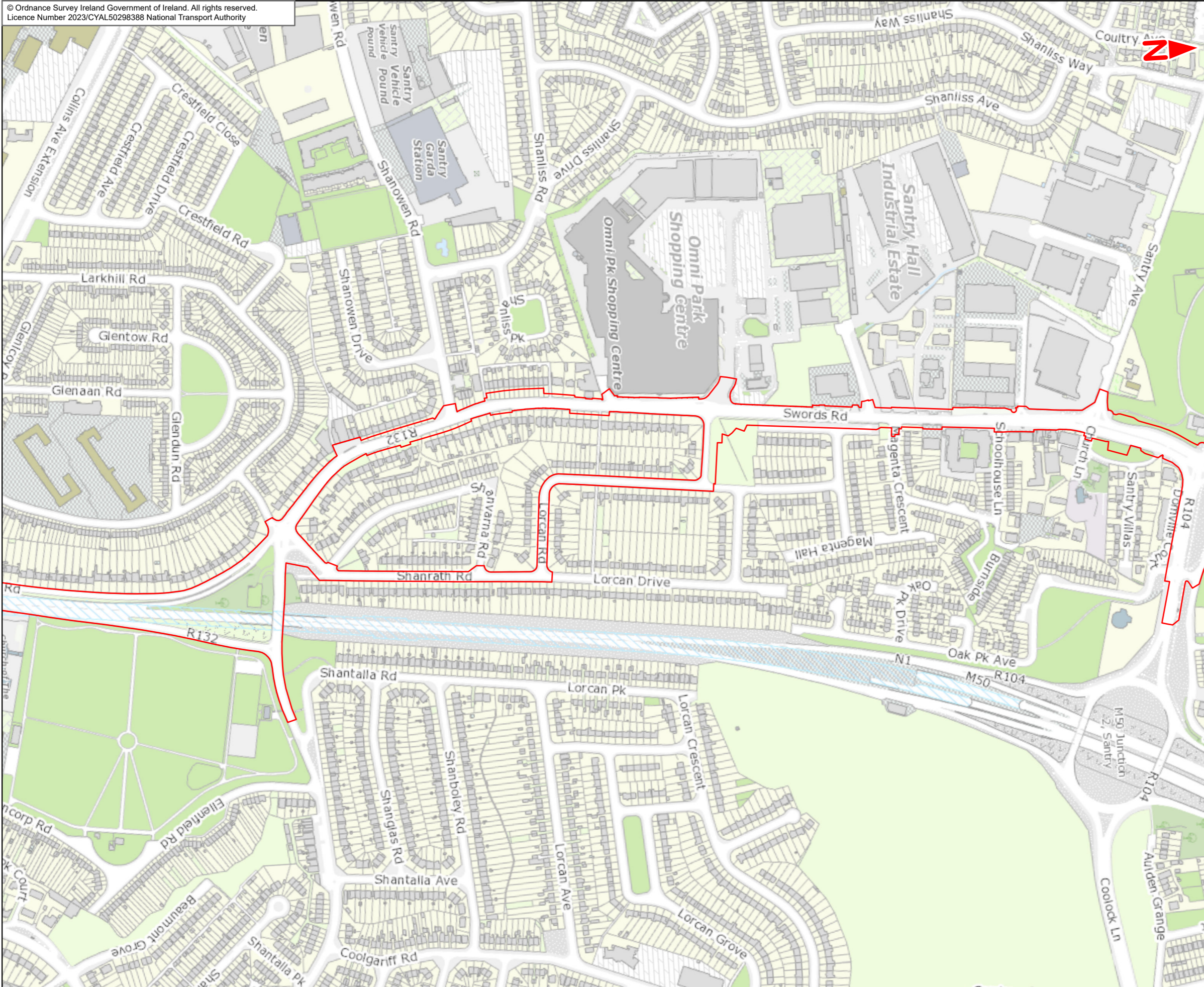
Consultant: **JACOBS ARUP SYSTRA**

Date: 4/12/2023
 Scale @ A3: 1:5 000

Project Code: BCIDE
 Originator Code: JAC

Drawn: EK
 Checked: PW
 Approved: DK

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.7 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0805	Sheet Number: 5 of 9	Status: A	Rev: M01



Legend :
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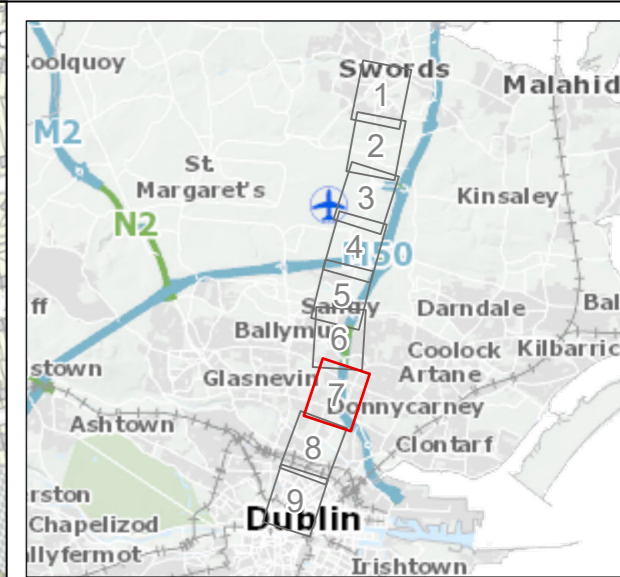
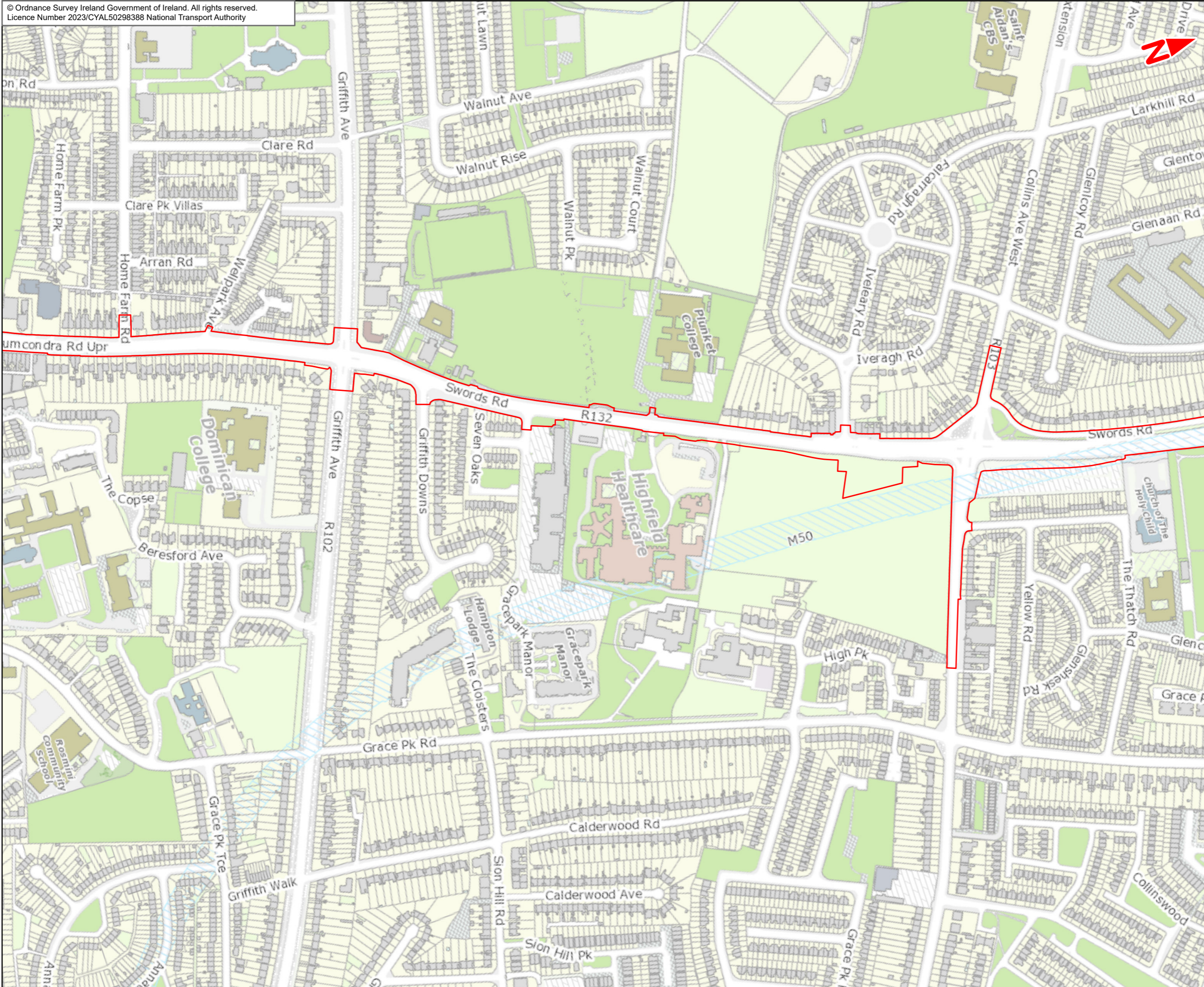
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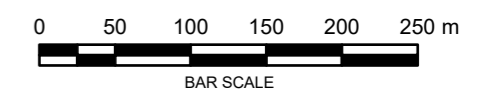
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.7 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0806	Sheet Number 6 of 9	Status A	Rev M01	



Legend :
 Swords to City Centre
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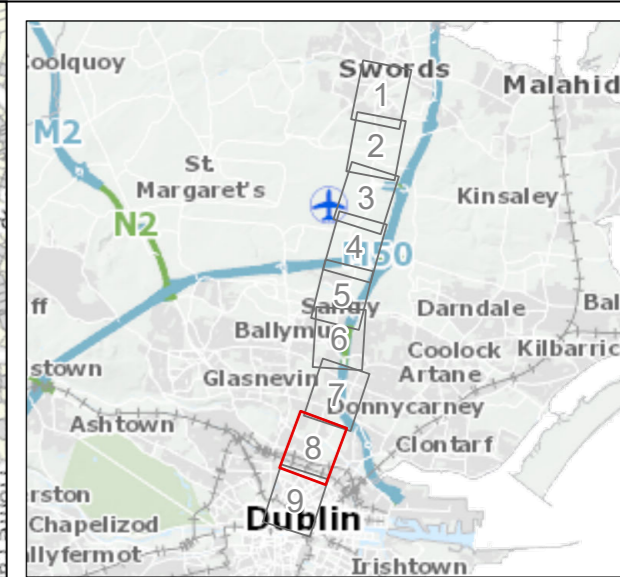
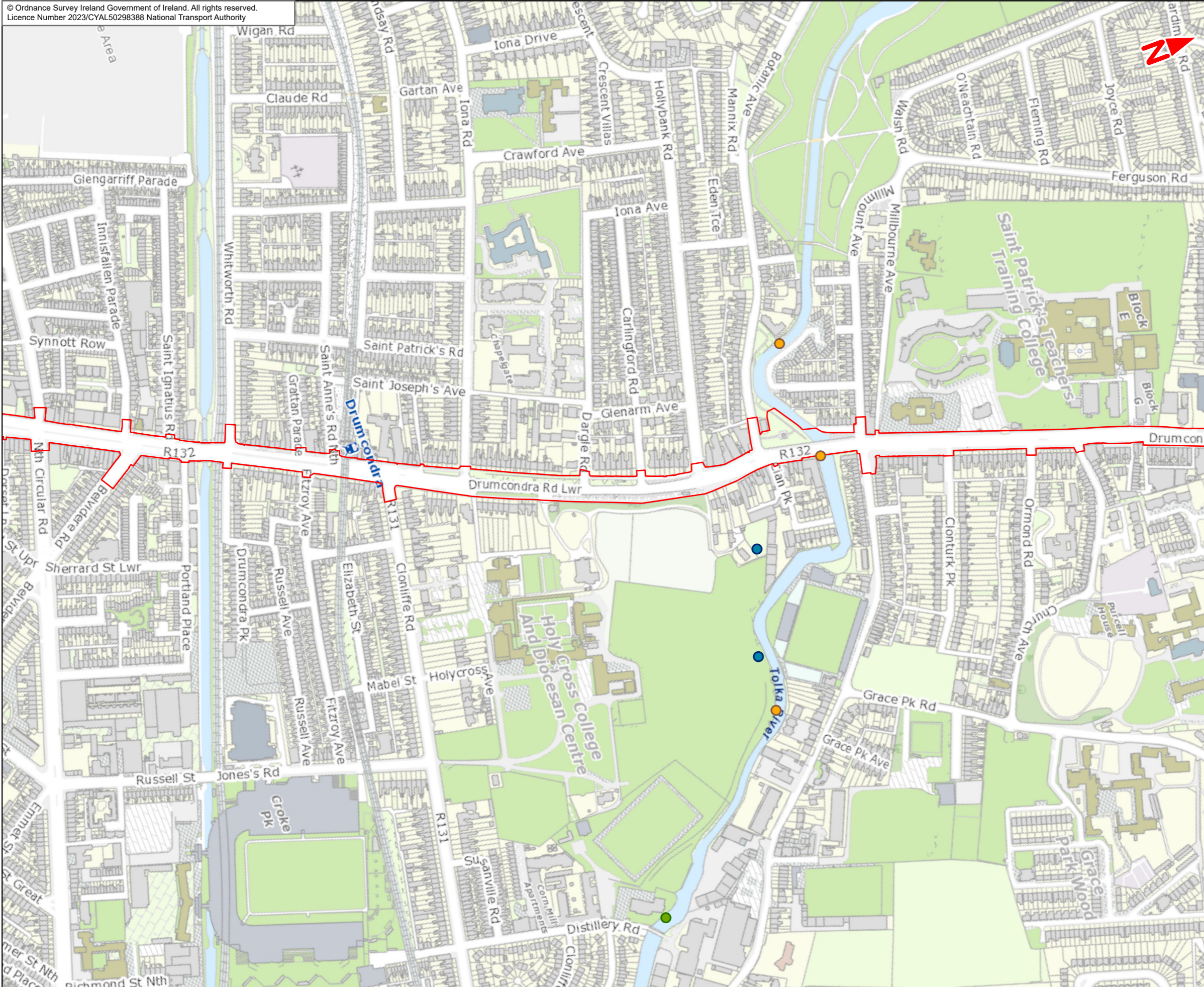
Rev	Date	Drn	Chk'd	App'd	Description
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Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

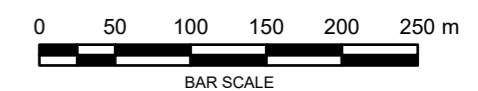
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 Drawn: EK | Checked: PW | Approved: DK
 Project Code: BCIDE | Originator Code: JAC | QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.7 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0807	Sheet Number: 7 of 9	Status: A	Rev: M01



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Badger Signs
 - Kingfisher Signs
 - Otter Signs

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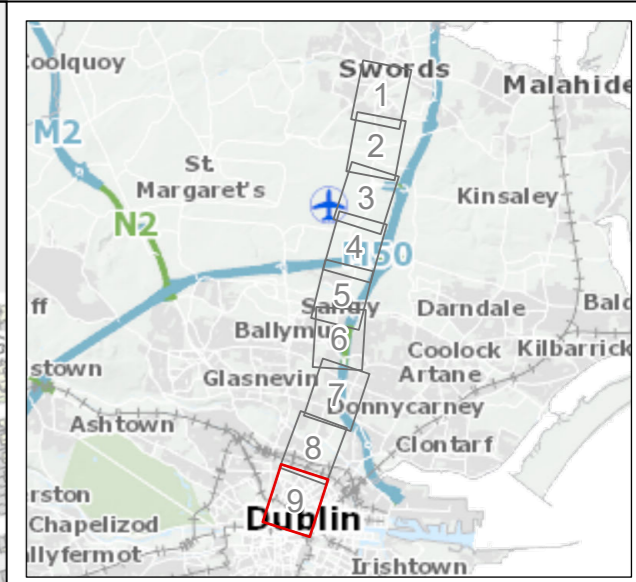
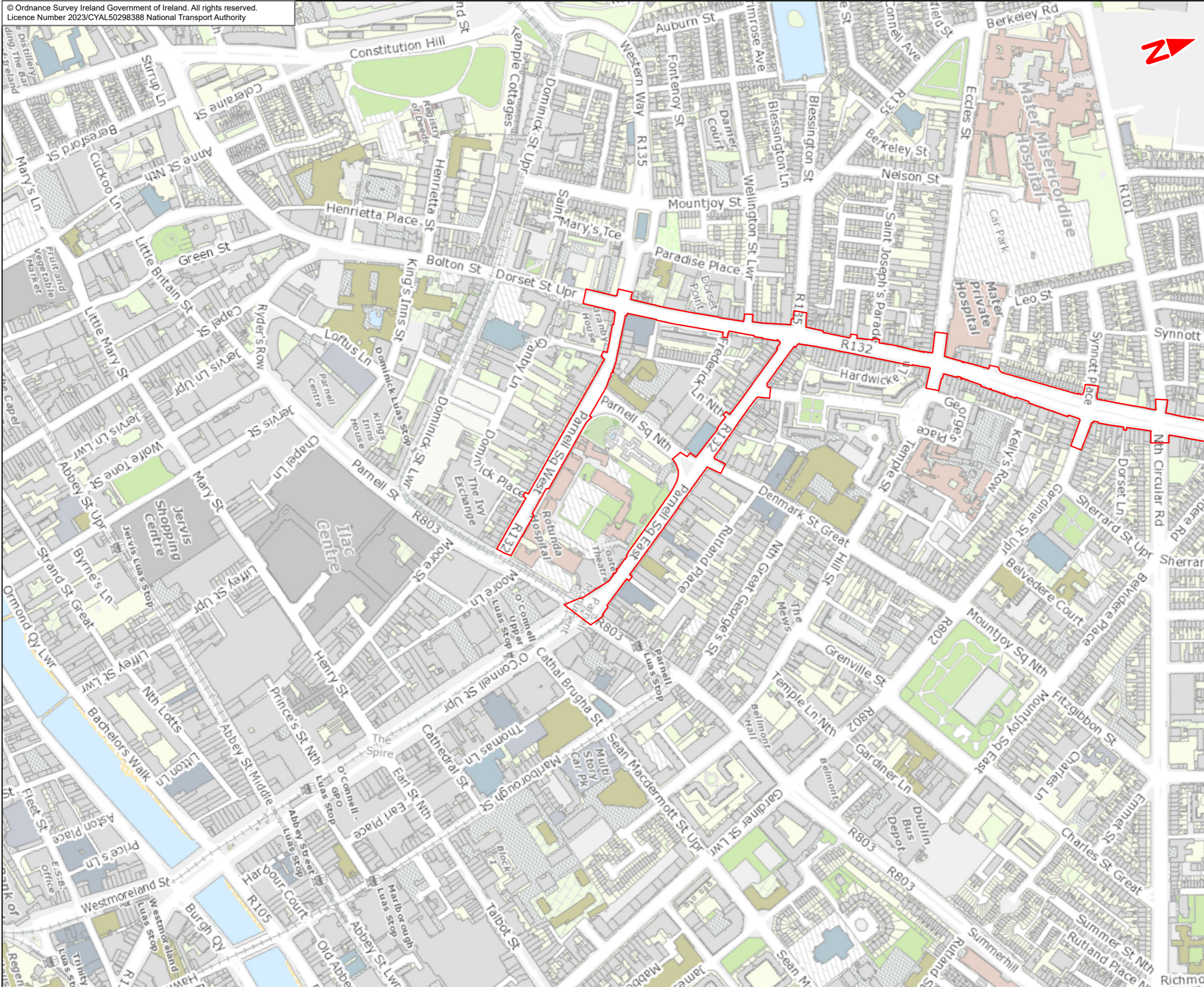
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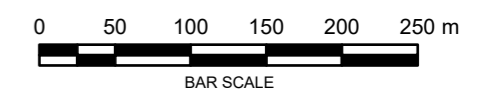
NTA Udarás Náisiúnta Iompair National Transport Authority		JACOBS ARUP SYSTRA		
Date	Scale @ A3	Drawn	Checked	Approved
4/12/2023	1:5 000	EK	PW	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.7 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0808	8 of 9	A	M01	



Legend :
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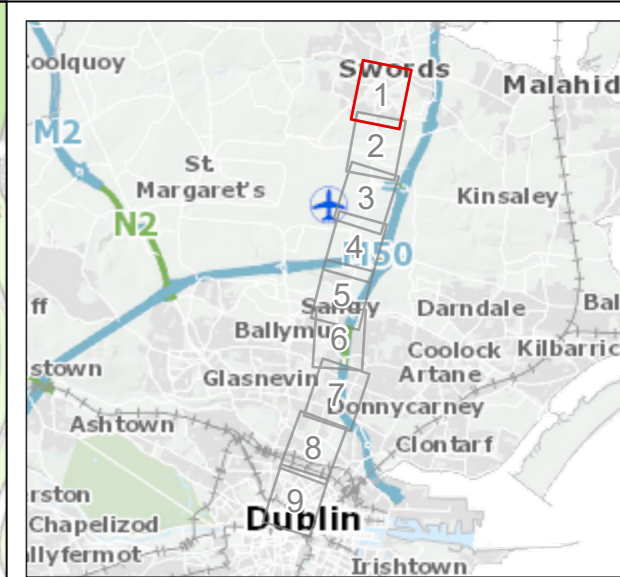
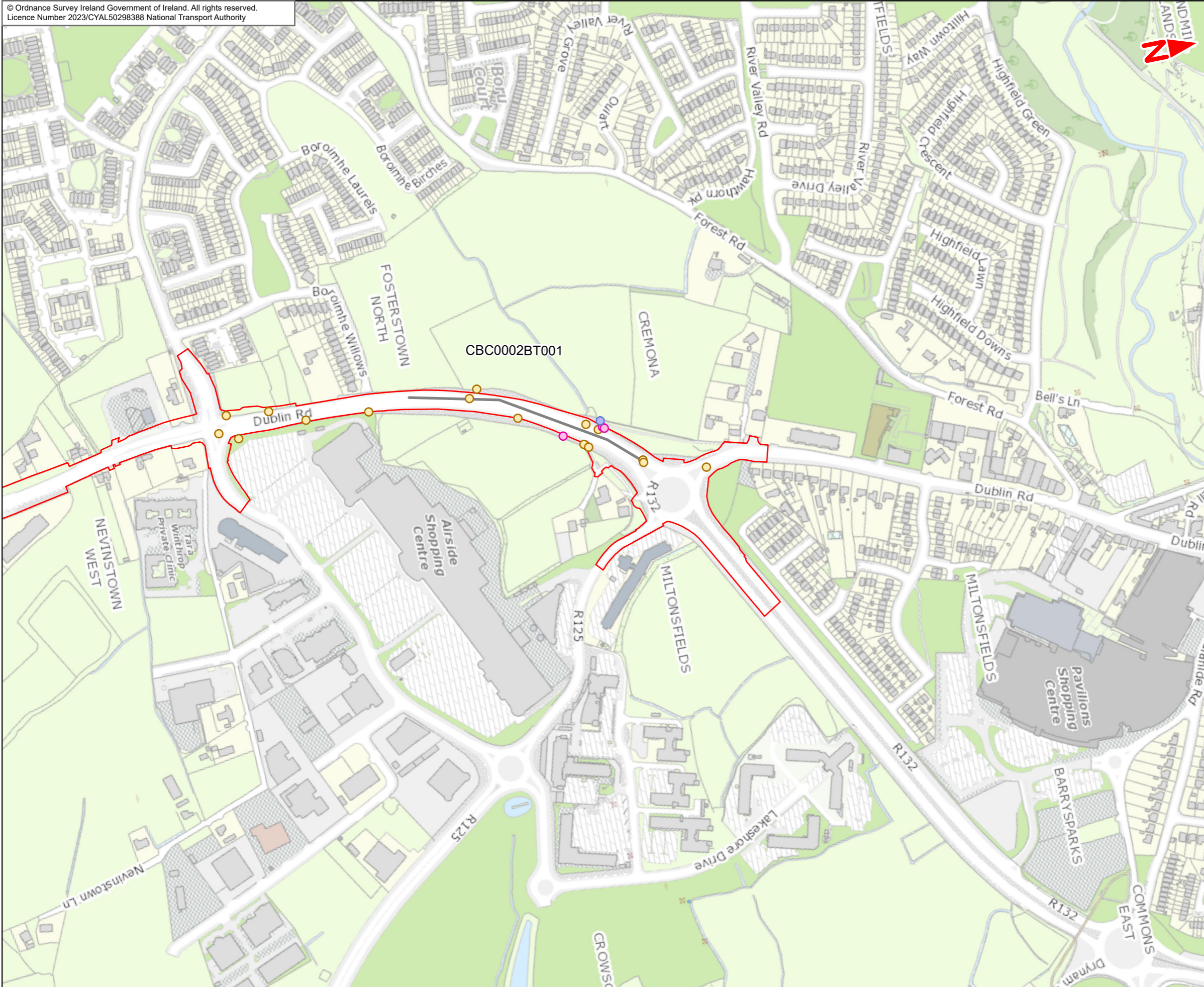
Consultant: **JACOBS ARUP SYSTRA**

Date: 4/12/2023 Scale @ A3: 1:5 000
 Drawn: EK Checked: PW Approved: DK
 Project Code: BCIDE Originator Code: JAC QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.7 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-002_XX 00-DR-GG-0809	Sheet Number: 9 of 9	Status: A	Rev: M01

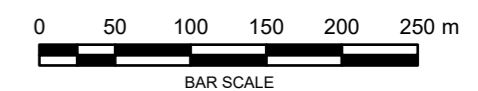
The background of the slide is a vibrant yellow. It is decorated with several abstract, overlapping shapes in shades of blue and green. These shapes include rounded rectangles, elongated ovals, and curved bands. Interspersed among these shapes are several white circles of varying sizes, some of which are partially enclosed by the colored shapes. The overall aesthetic is modern and geometric.

12.8.1
Bat Survey Results:
Bat Activity Survey Results



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*
 - *Pipistrellus pygmaeus*

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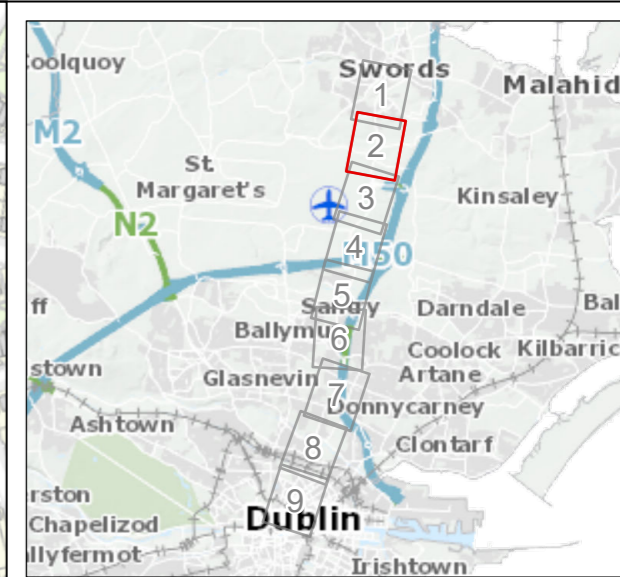
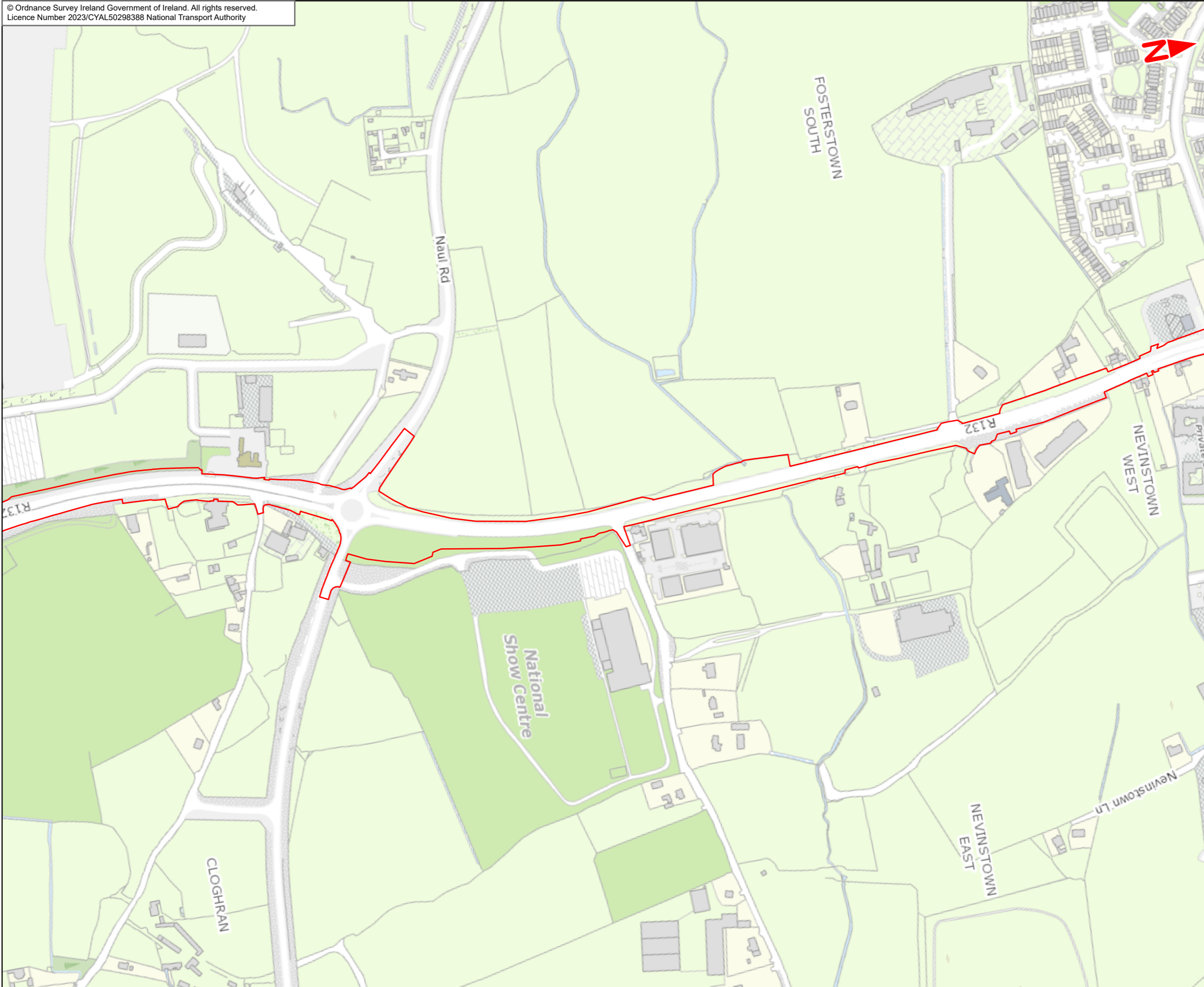
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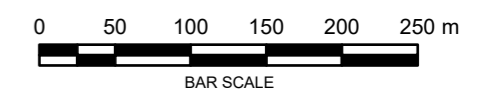
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0401	Sheet Number 1 of 9	Status A	Rev M01	



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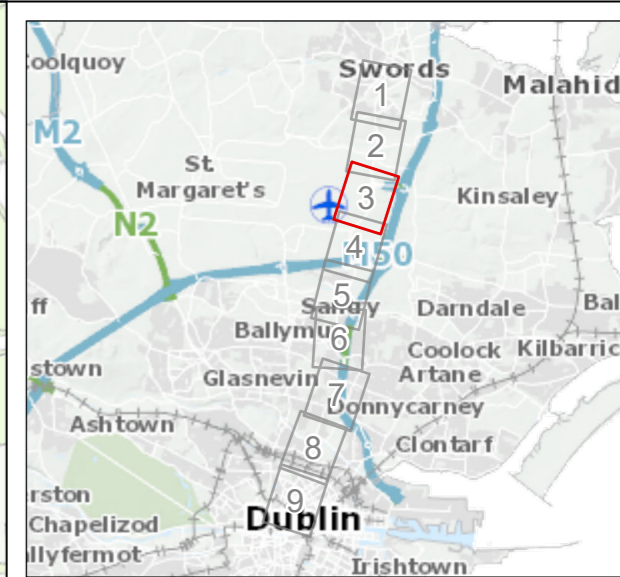
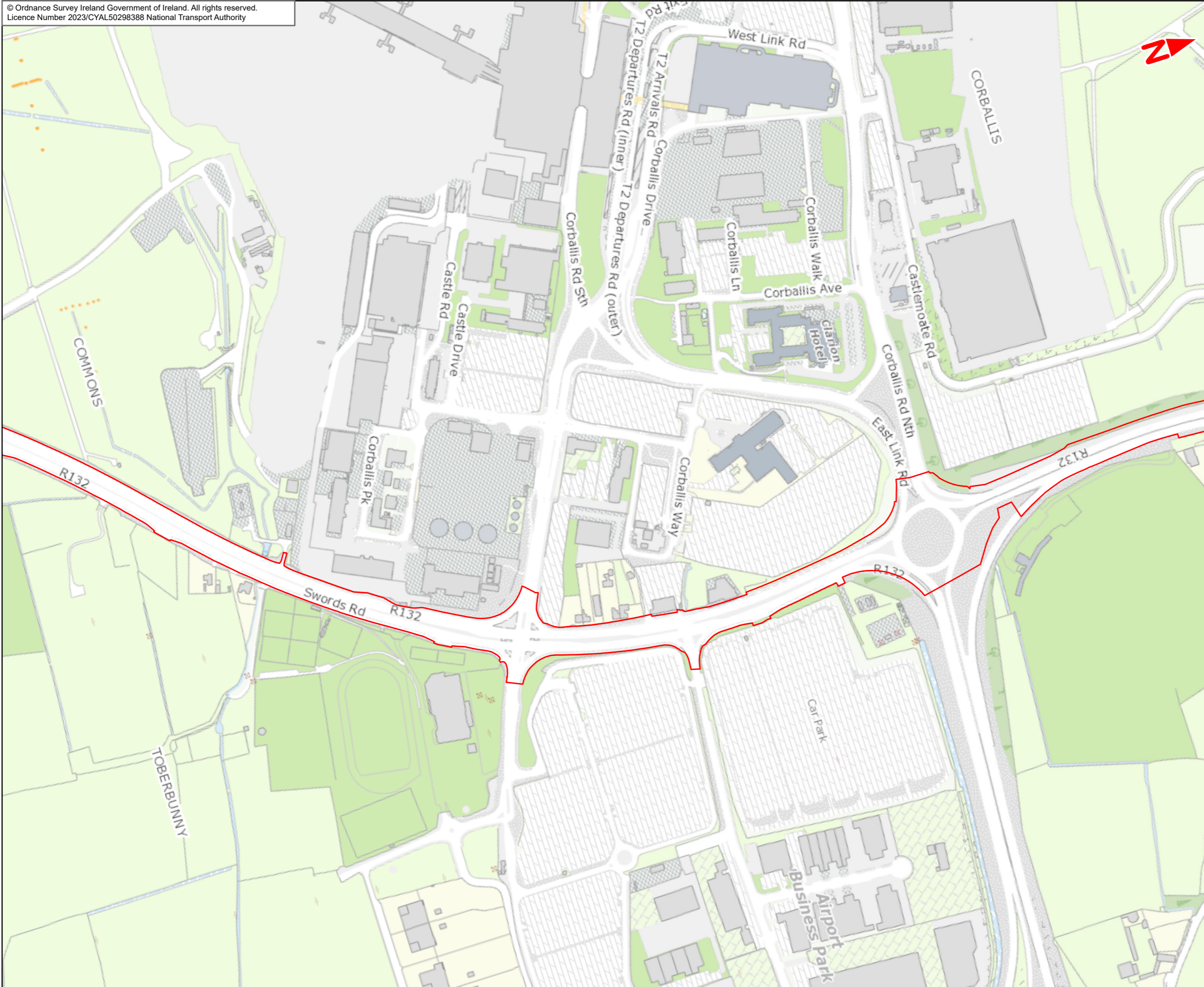
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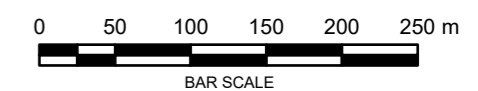
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BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-002_XX 00-DR-GG-0402	2 of 9	A	M01	



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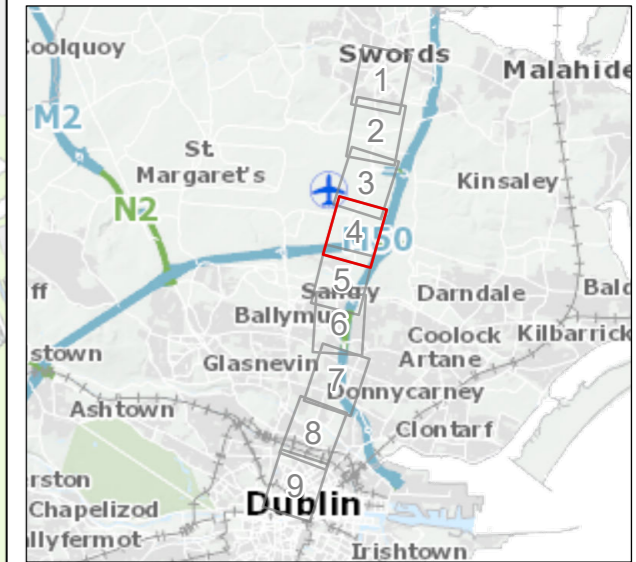
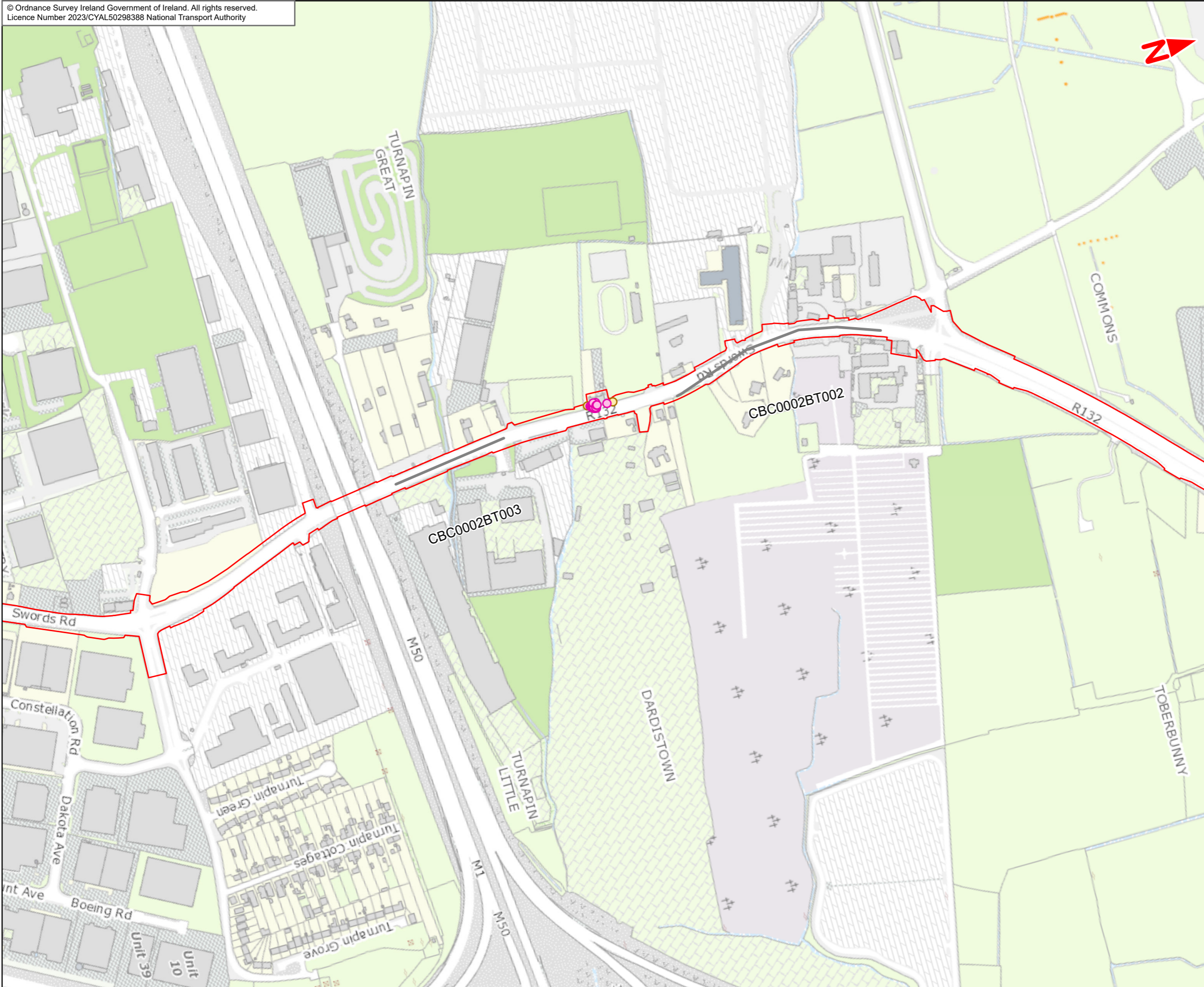


Rev	Date	Drn	Chk'd	App'd	Description
M01	Apr 2023	EK	PW	DK	ISSUE FOR PHASE 4 : PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results				
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0403
Sheet Number 3 of 9	Status A	Rev M01		



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*

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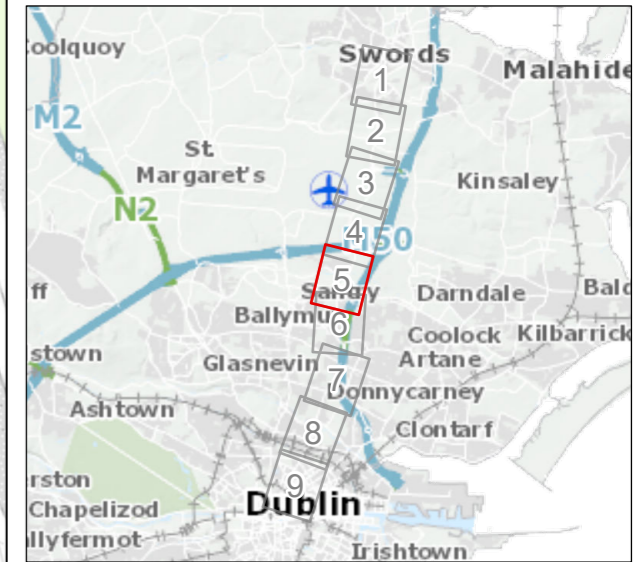


Rev	Date	Drn	Chk'd	App'd	Description
M01	Apr 2023	EK	PW	DK	ISSUE FOR PHASE 4 : PLANNING

Client

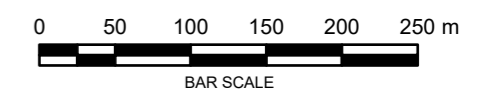
Consultant

Programme Title					BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title					Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results				
Date	4/12/2023	Scale @ A3	1:5 000	Drawn	EK	Checked	PW	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code		Sheet Number	4 of 9	Status	A
Drawing File Name	BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0404	Rev	M01						



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*
 - *Pipistrellus pygmaeus*
 - *Pipistrellus sp.*

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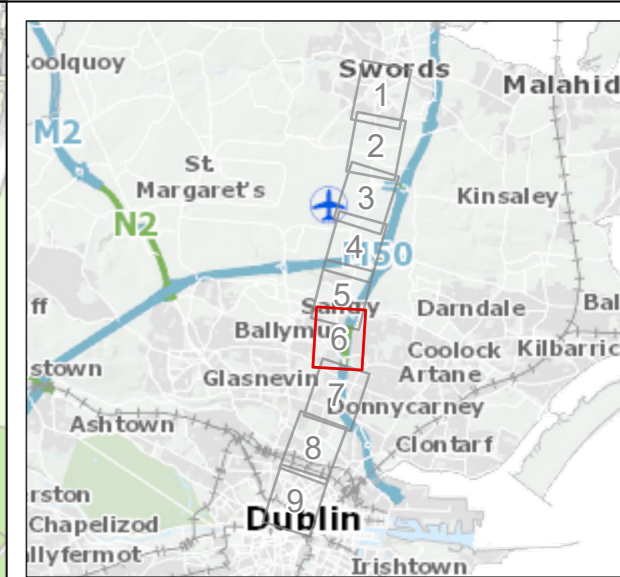
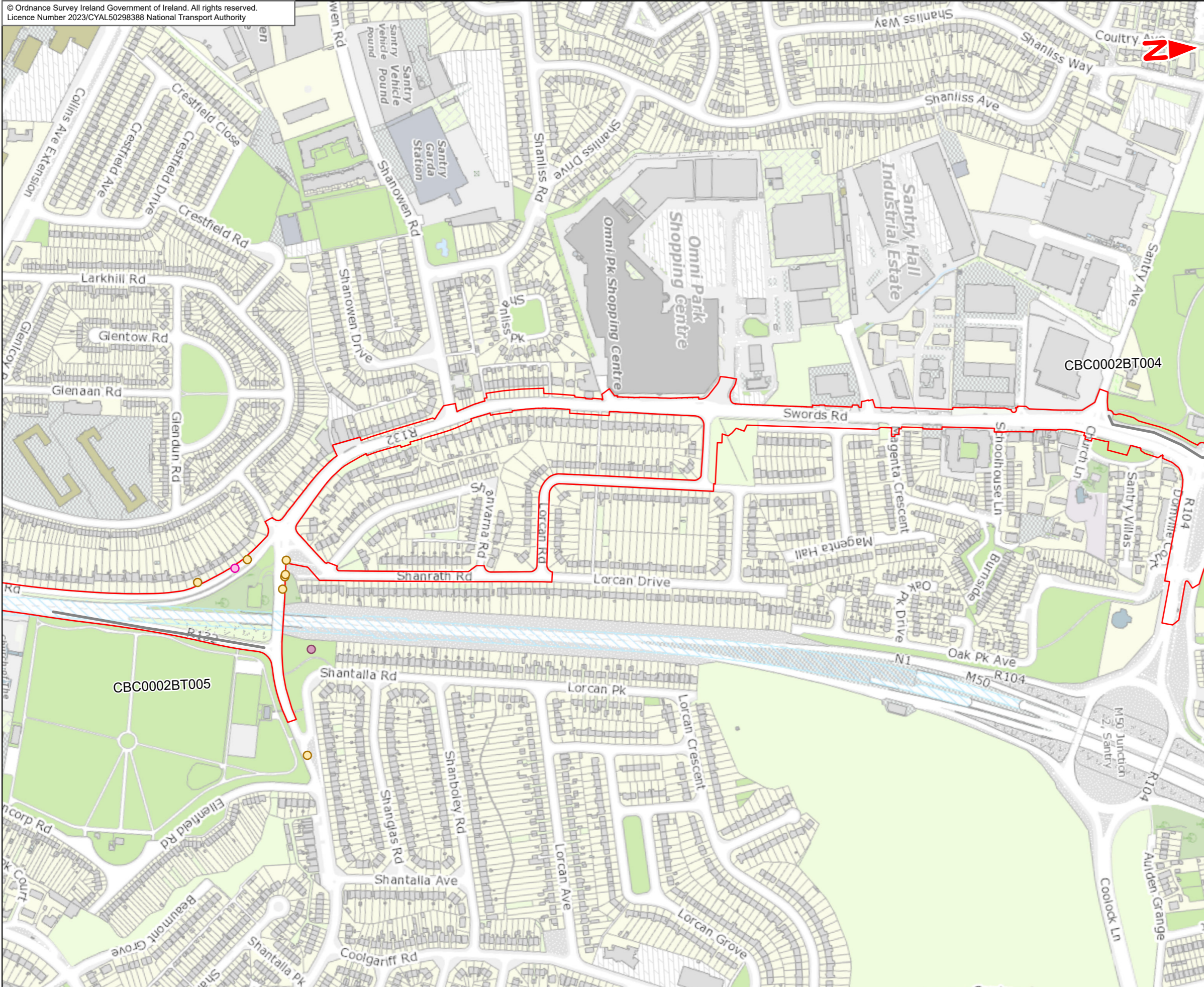
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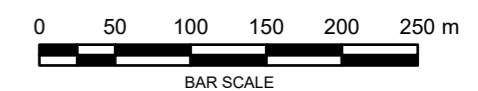
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0405	Sheet Number 5 of 9	Status A	Rev M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*
 - *Pipistrellus* sp.

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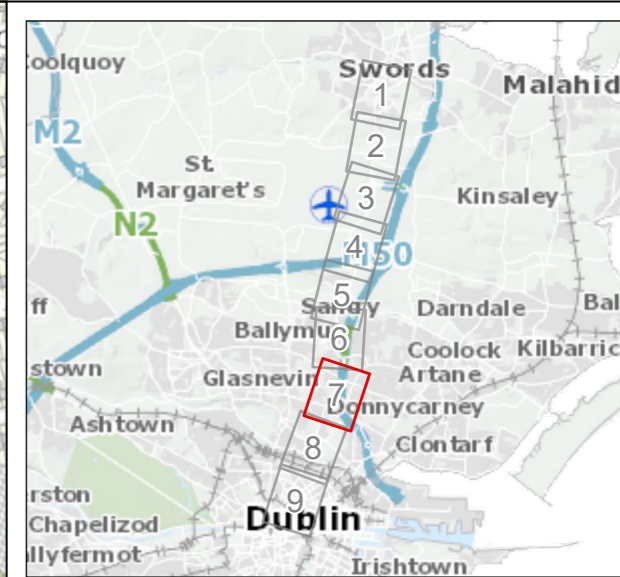
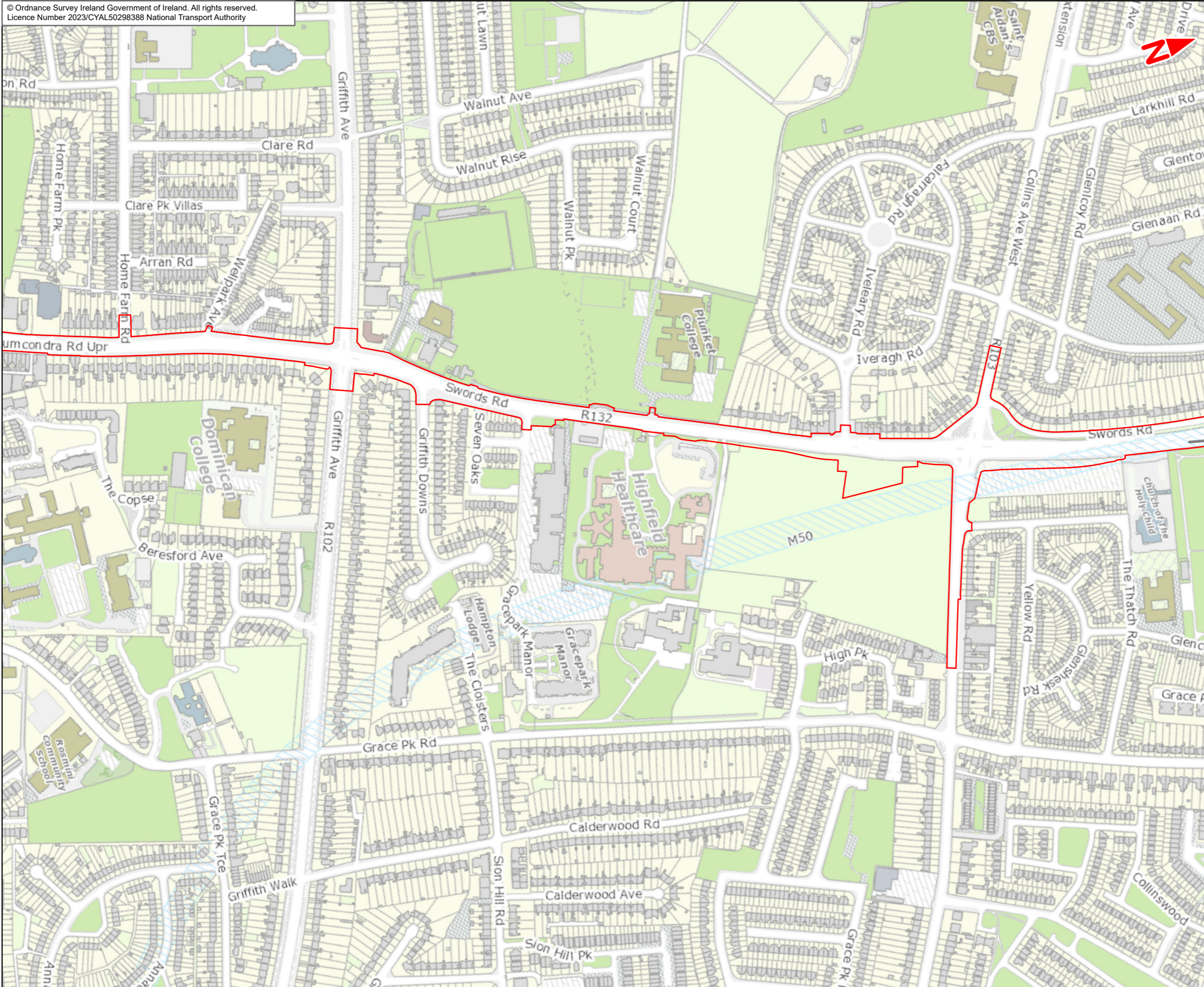
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Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

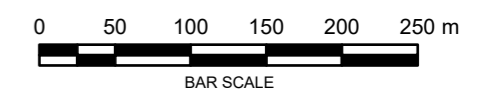
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0406	Sheet Number 6 of 9	Status A	Rev M01	



Legend :

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

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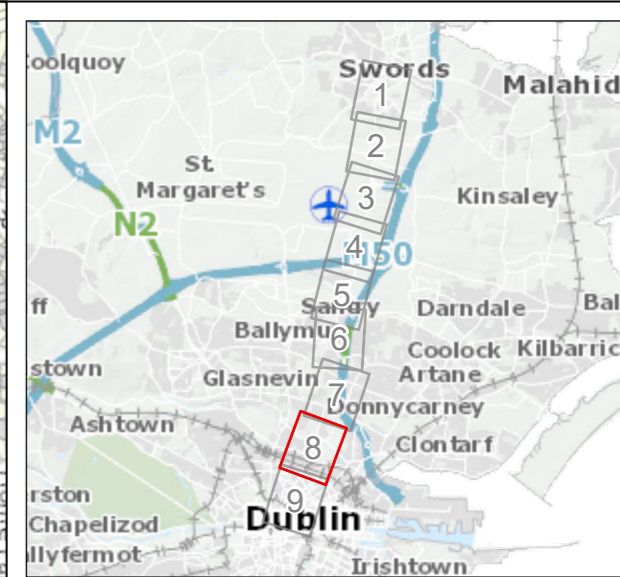
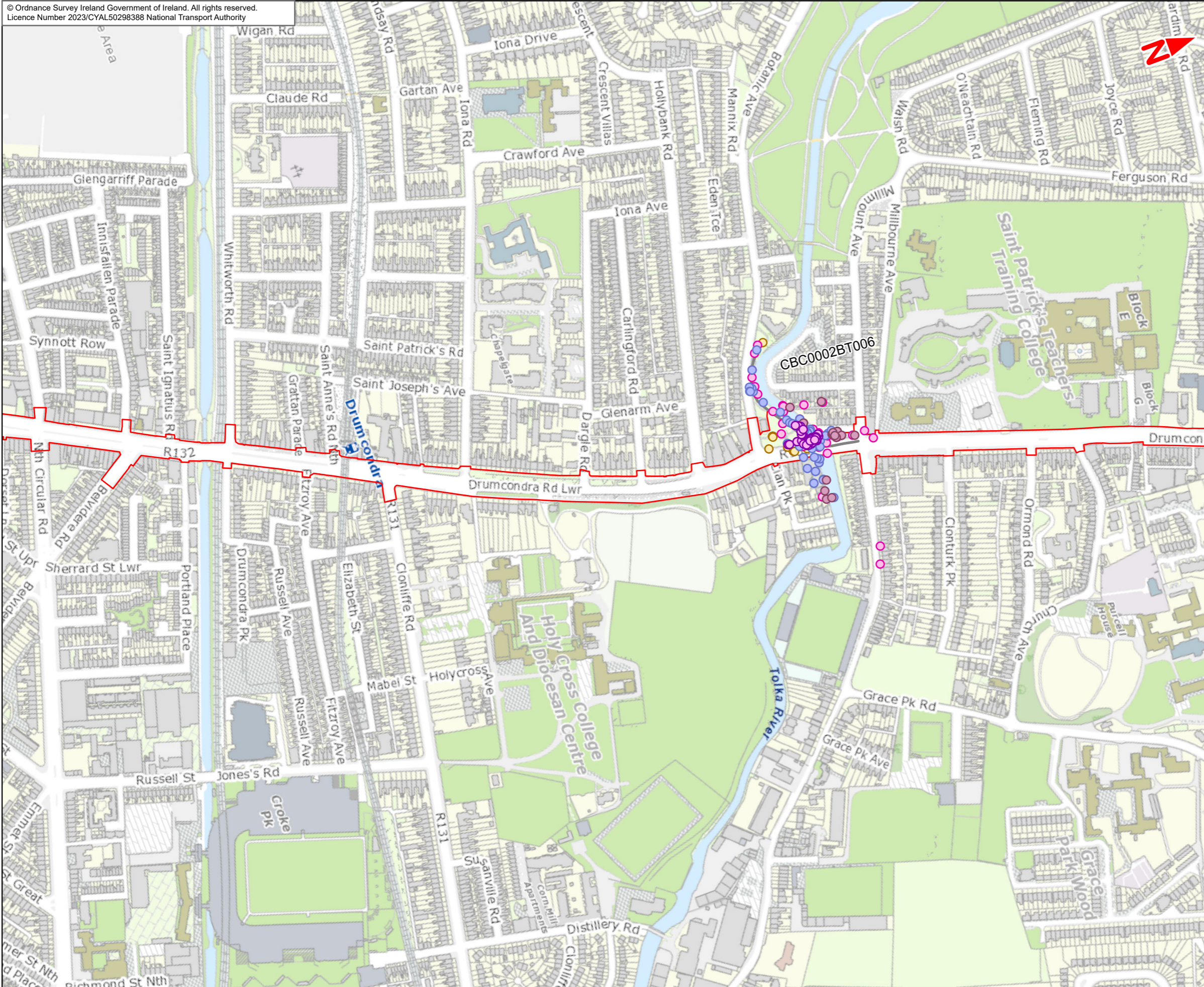
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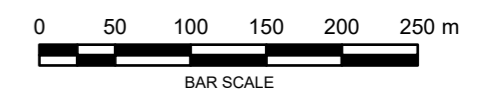
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/12/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0407	Sheet Number 7 of 9	Status A	Rev M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Myotis* sp.
 - *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*
 - *Pipistrellus pygmaeus*
 - *Pipistrellus* sp.

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National Transport Authority

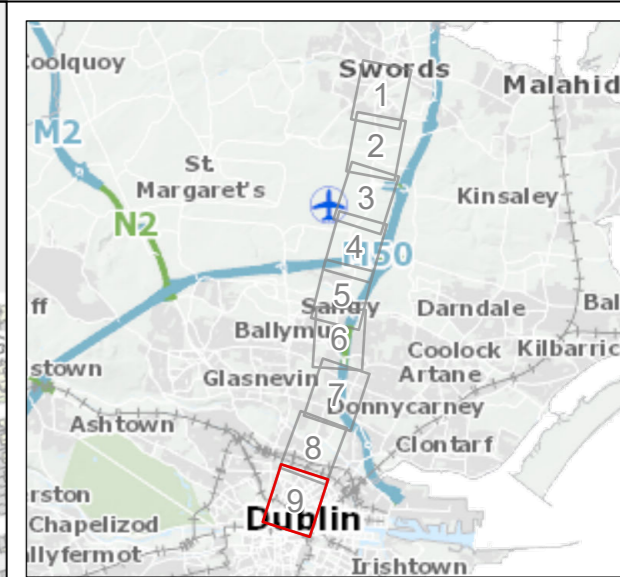
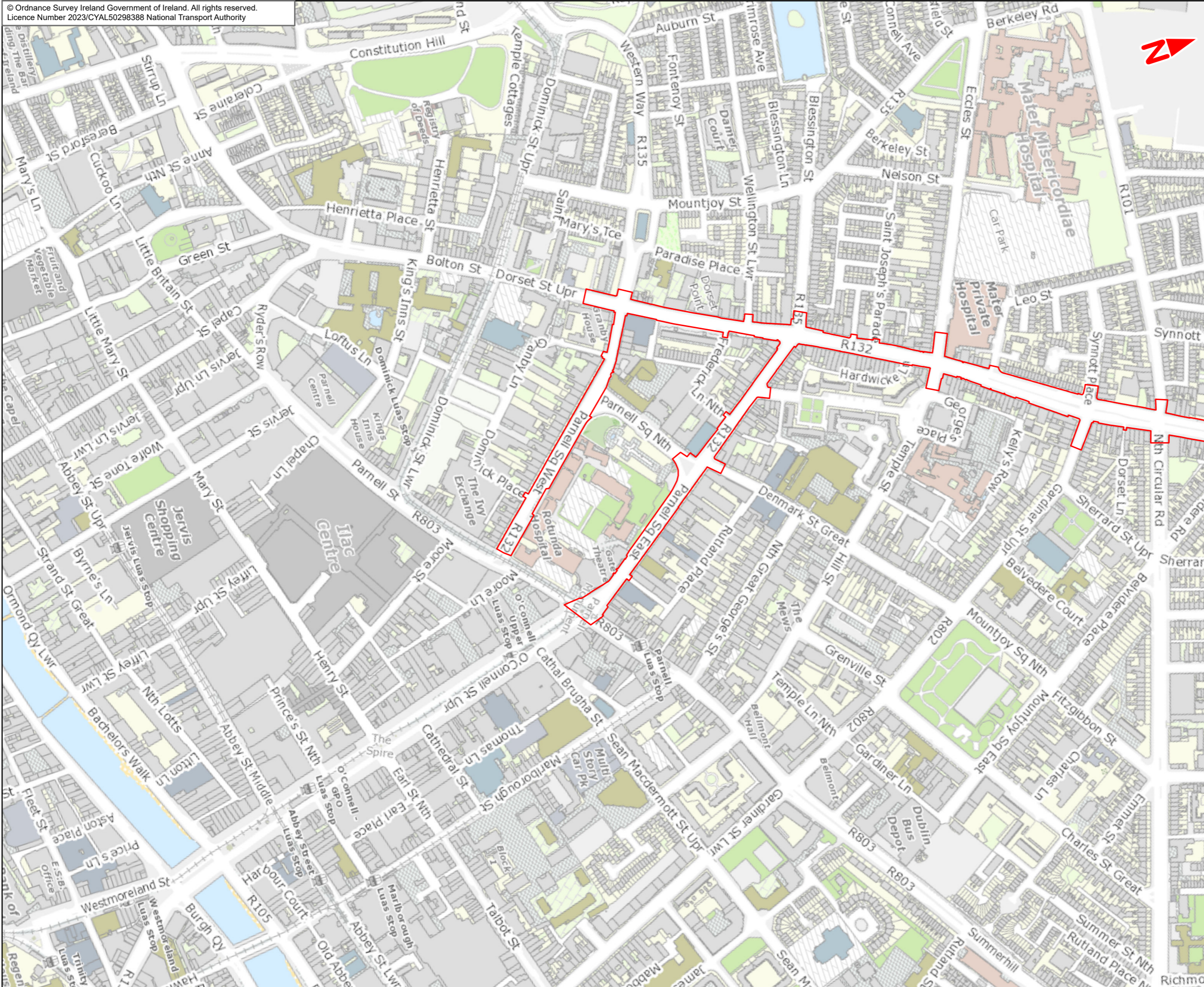
Consultant: **JACOBS ARUP SYSTRA**

Date: 4/12/2023
Scale @ A3: 1:5 000

Project Code: BCIDE
Originator Code: JAC

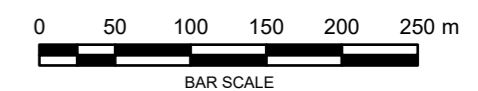
Drawn: EK
Checked: PW
Approved: DK

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0408	Sheet Number: 8 of 9	Status: A	Rev: M01



Legend :
 Swords to City Centre
 Core Bus Corridor Scheme

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Client: **NTA**
 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 4/12/2023
 Scale @ A3: 1:5 000

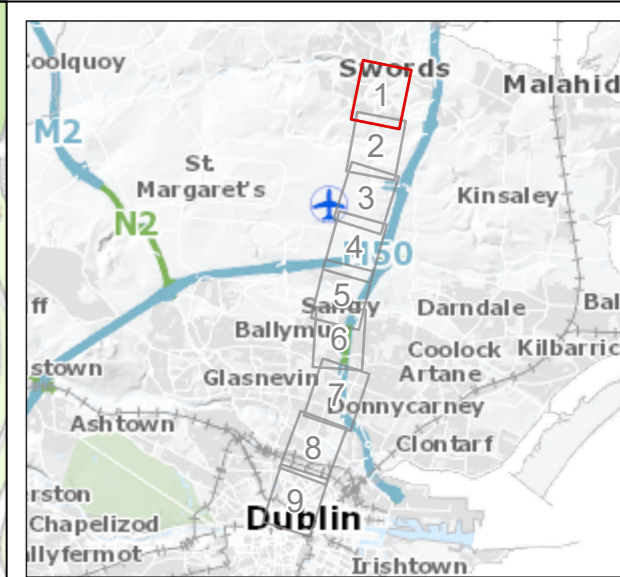
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 Checked: PW
 Approved: DK

Project Code: BCIDE
 Originator Code: JAC

Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	Swords to City Centre Core Bus Corridor Scheme Figure 12.8.1 Bat Survey Results: Bat Activity Survey Results		
Drawing File Name	BCIDE-JAC-ENV BD-002_XX 00-DR-GG-0409	Sheet Number	9 of 9
Status	A	Rev	M01

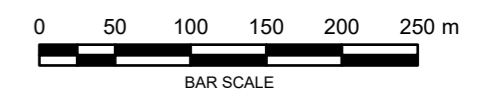


12.8.2
Bat Survey Results:
Potential Roost Feature
Survey Results



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Potential Roost Features

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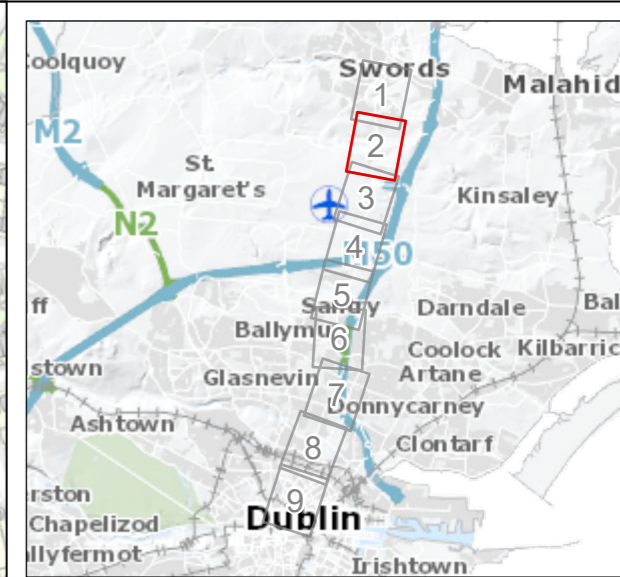
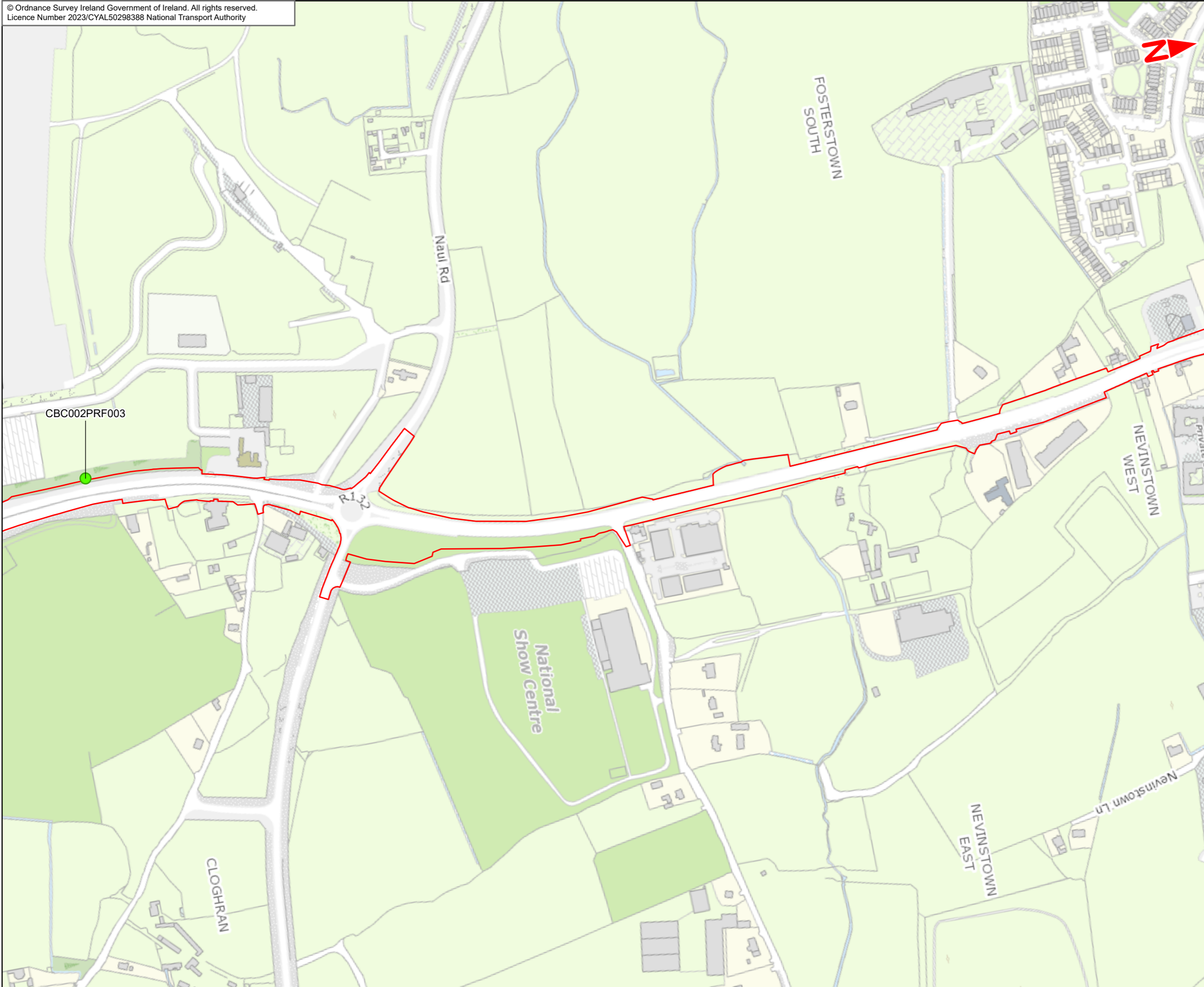
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M01	Apr 2023	EK	PW	DK	ISSUE FOR PHASE 4 : PLANNING

Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/28/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002 XX 00-DR-GG-0501	Sheet Number 1 of 9	Status A	Rev M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Potential Roost Features

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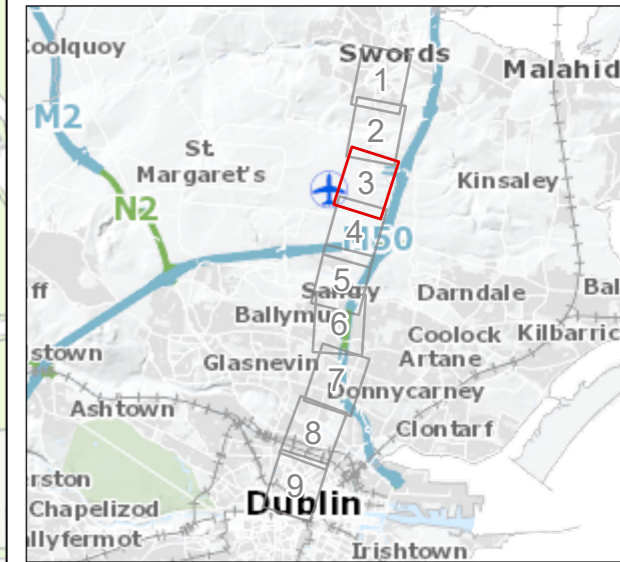
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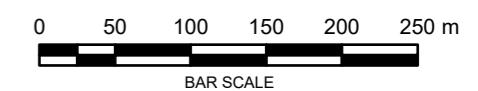
NTA Údarás Náisiúnta Iompair National Transport Authority		Jacobs ARUP SYSTRA		
Date	Scale @ A3	Drawn	Checked	Approved
4/28/2023	1:5 000	EK	PW	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0502	2 of 9	A	M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Potential Roost Features

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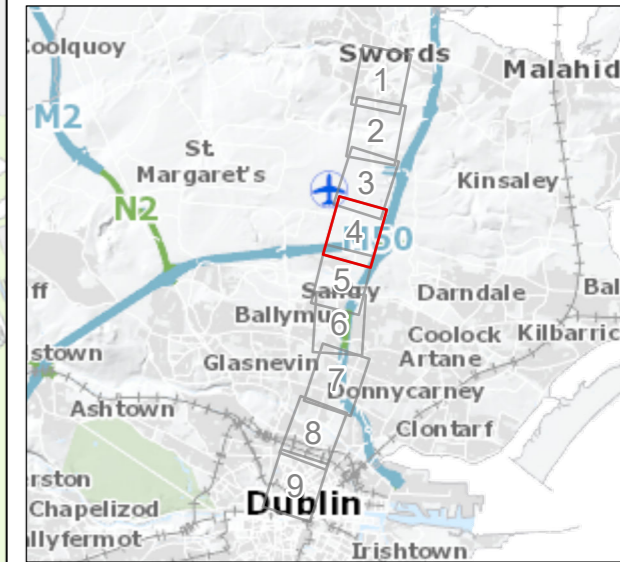
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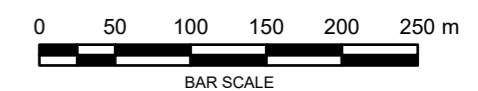
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/28/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0503	Sheet Number 3 of 9	Status A	Rev M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Potential Roost Features


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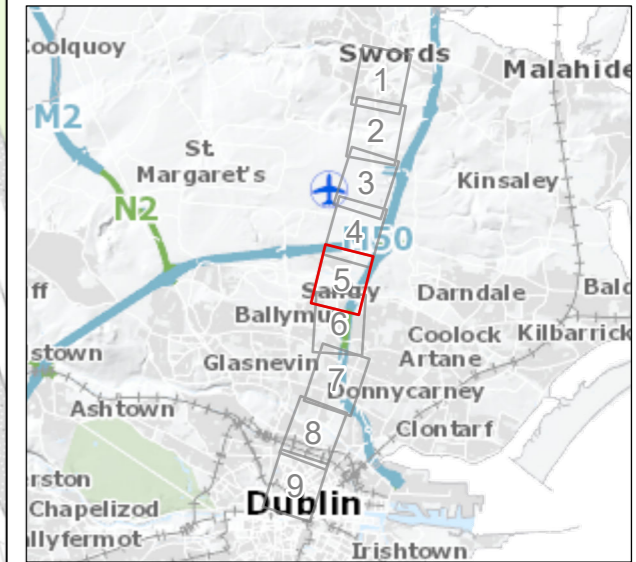
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Consultant


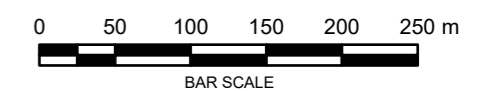
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0504	Sheet Number 4 of 9	Status A	Rev M01	

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Project Code BCIDE	Originator Code JAC	QMS Code		



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
 - Potential Roost Features

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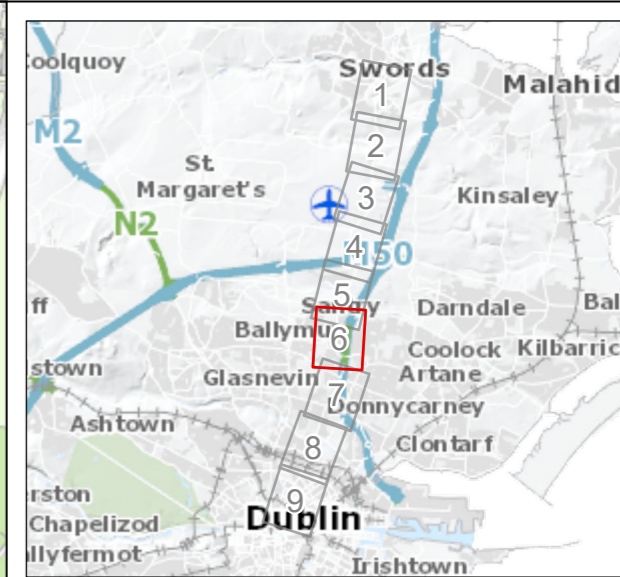
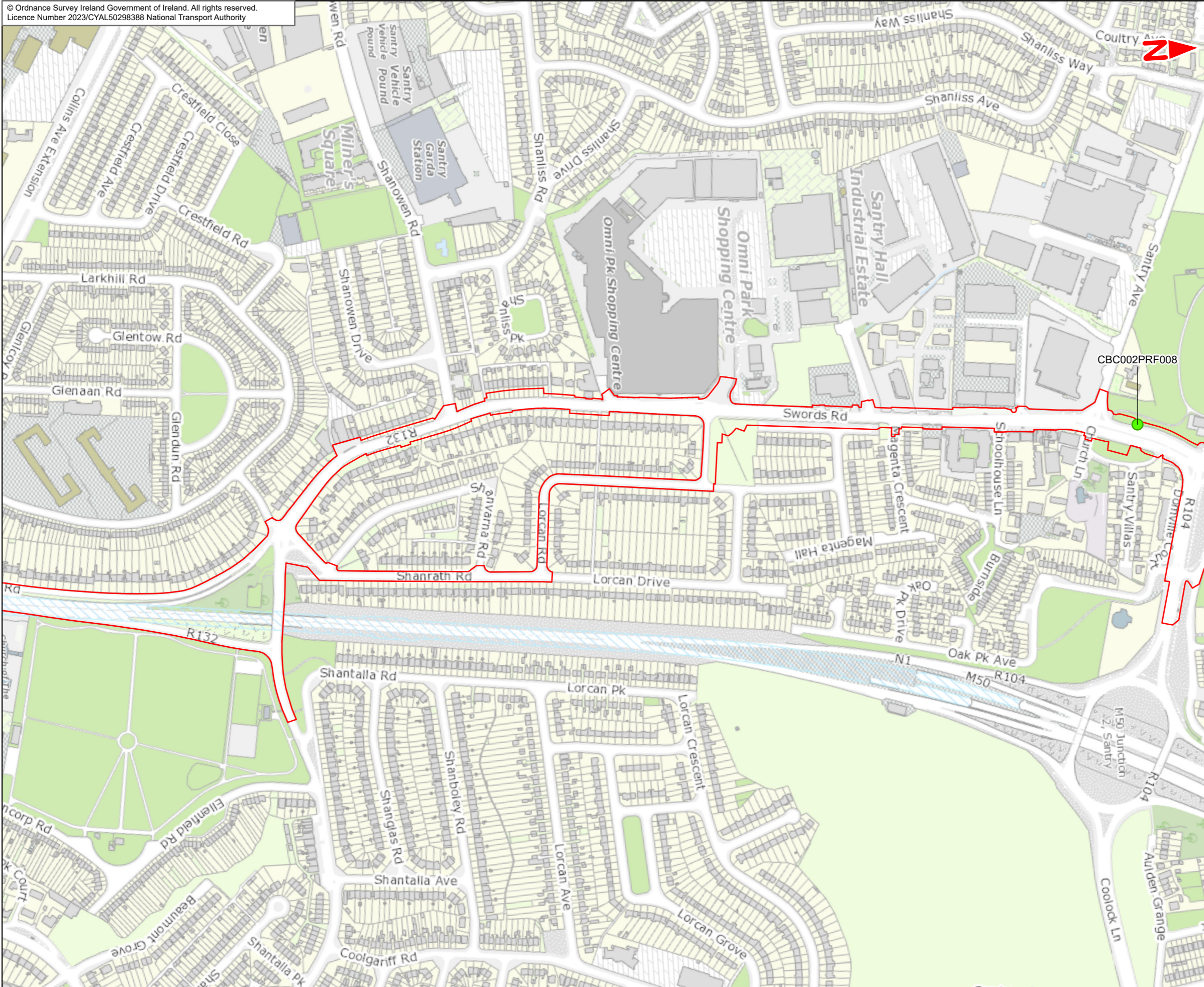
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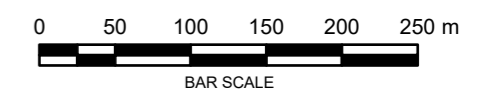
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Checked: PW
Approved: DK

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 12.8.2 Bat Survey Results: Potential Roost Feature Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0505	Sheet Number: 5 of 9	Status: A	Rev: M01



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
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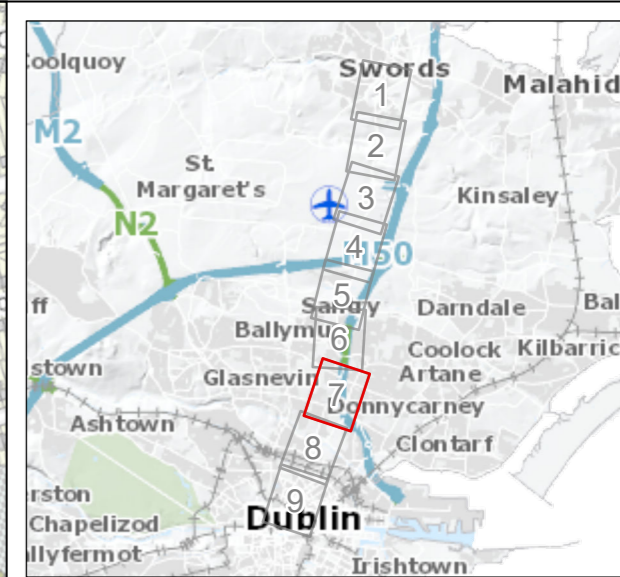
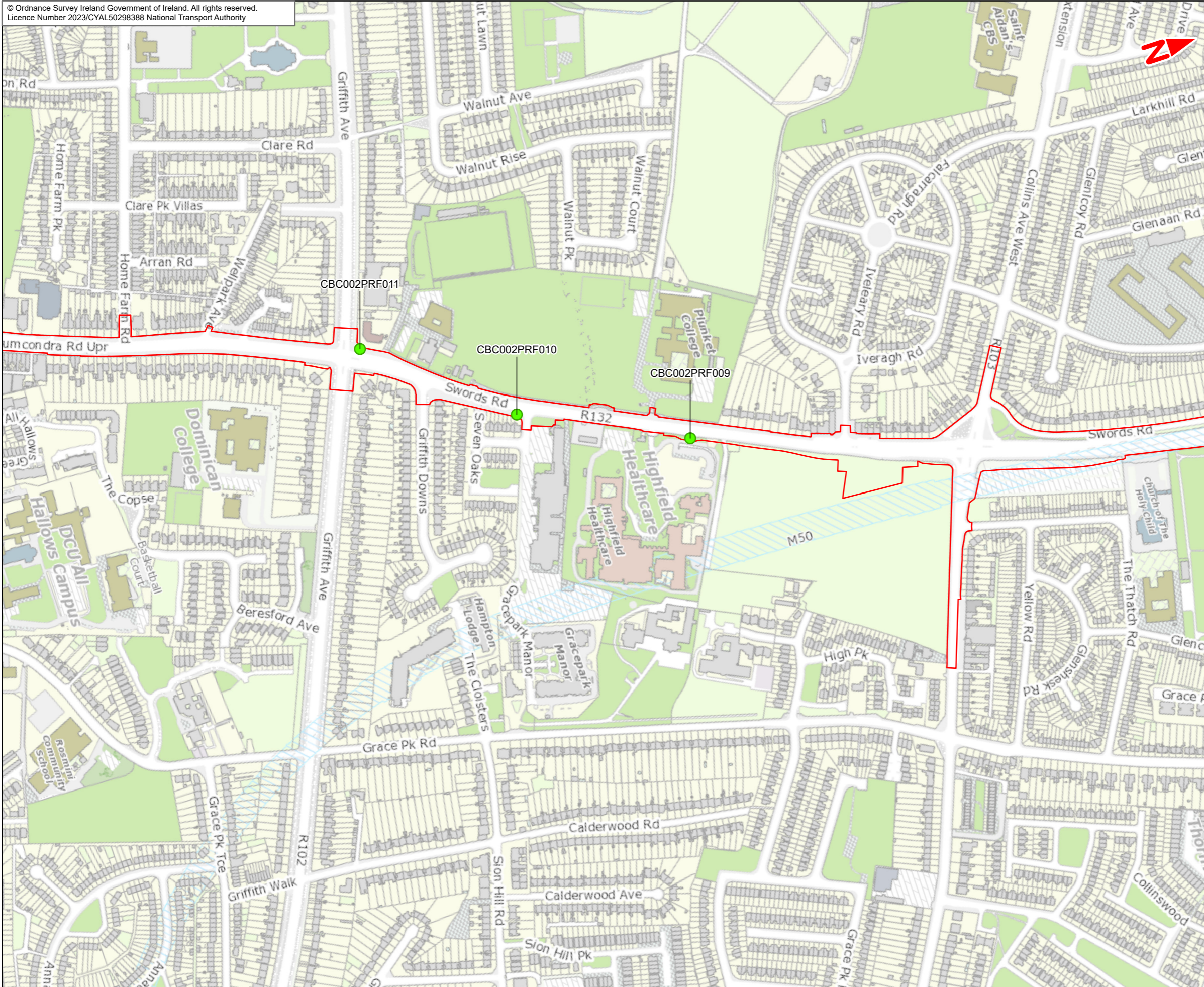
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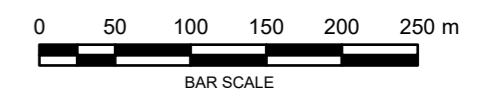
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.2 Bat Survey Results: Potential Roost Feature Survey Results			
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0506	Sheet Number 6 of 9	Status A	Rev M01

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 - Potential Roost Features

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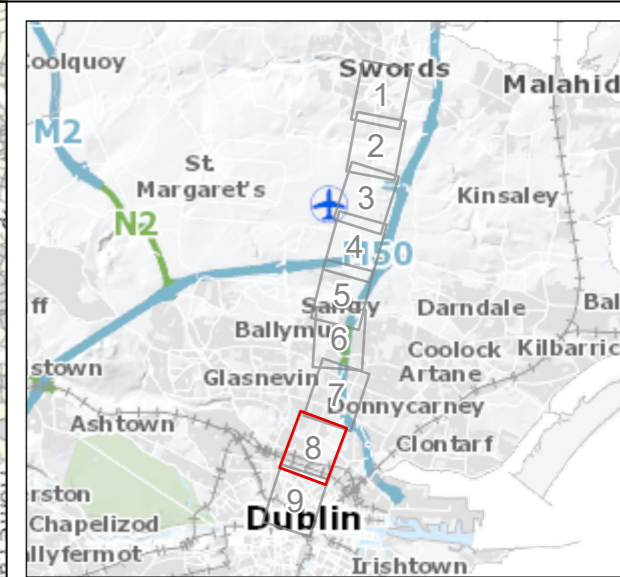
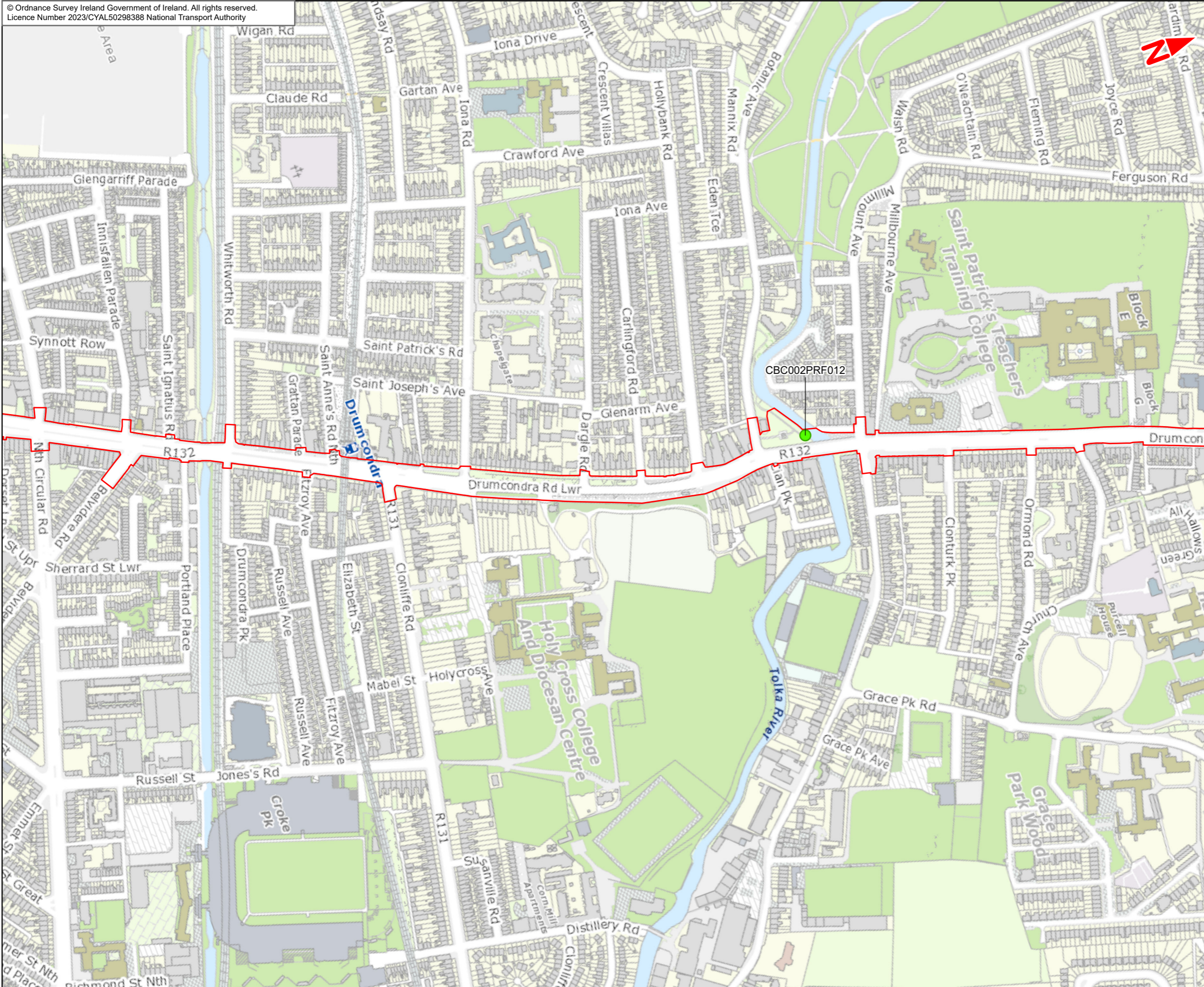
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Date: 4/28/2023
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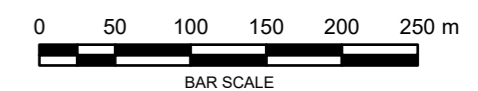
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Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	Swords to City Centre Core Bus Corridor Scheme Figure 12.8.2 Bat Survey Results: Potential Roost Feature Survey Results		
Drawing File Name	BCIDE-JAC-ENV_BD-002_XX_00-DR-GG-0507	Sheet Number	7 of 9
Status	A	Rev	M01



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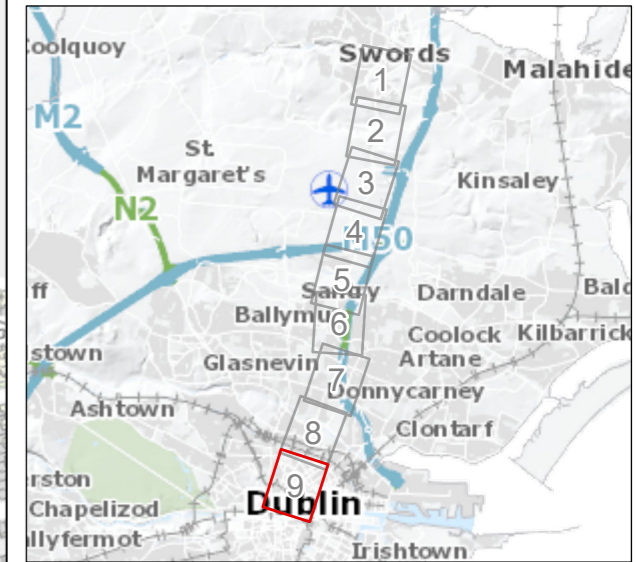
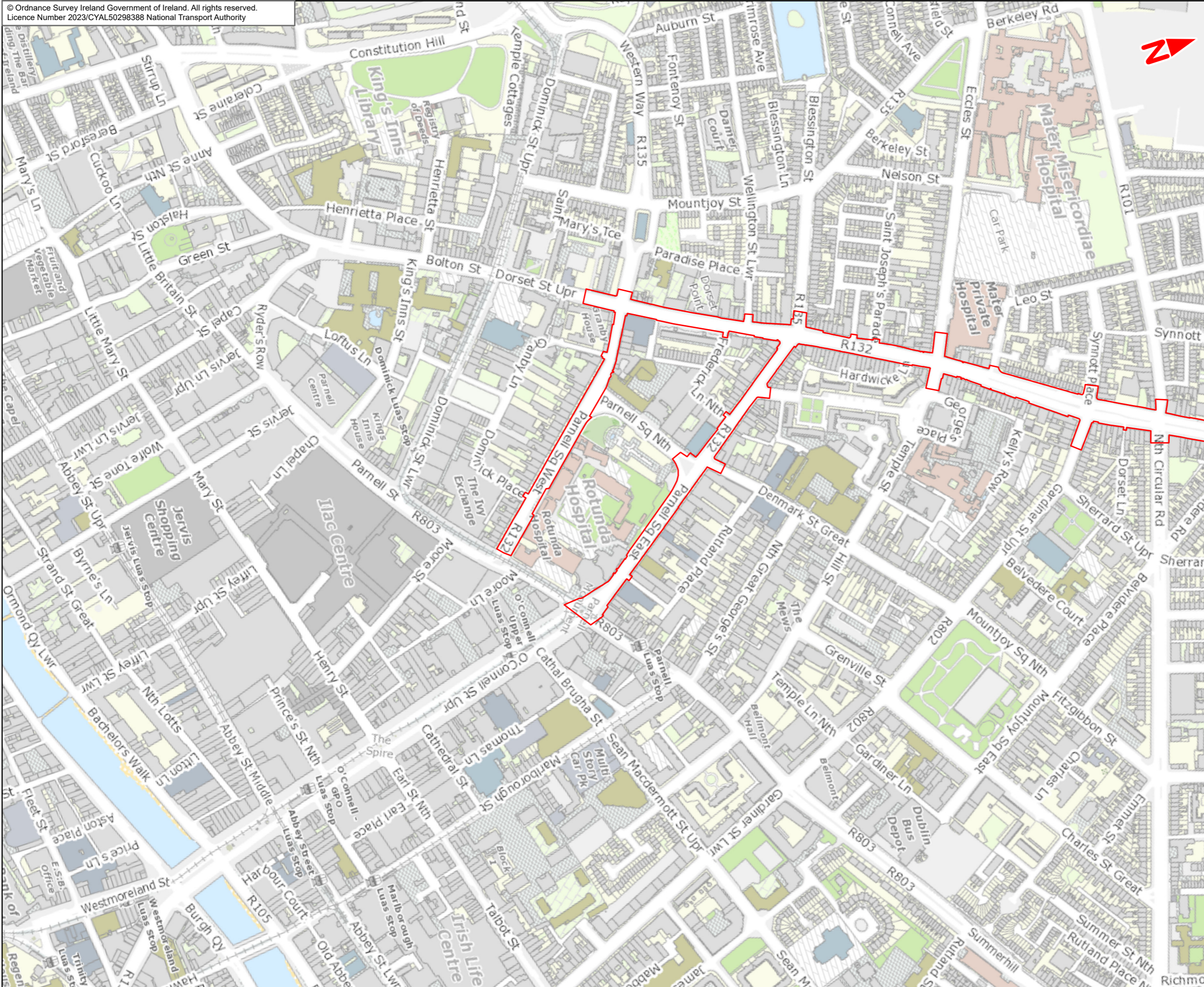
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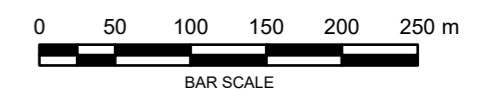
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 4/28/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 12.8.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-002_XX_00-DR-GG-0508	Sheet Number 8 of 9	Status A	Rev M01	



Legend :
 Swords to City Centre
 Core Bus Corridor Scheme

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Date 4/28/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW
Project Code BCIDE	Originator Code JAC	Approved DK	QMS Code
Drawing File Name BCIDE-JAC-ENV BD-002_XX 00-DR-GG-0509	Sheet Number 9 of 9	Status A	Rev M01