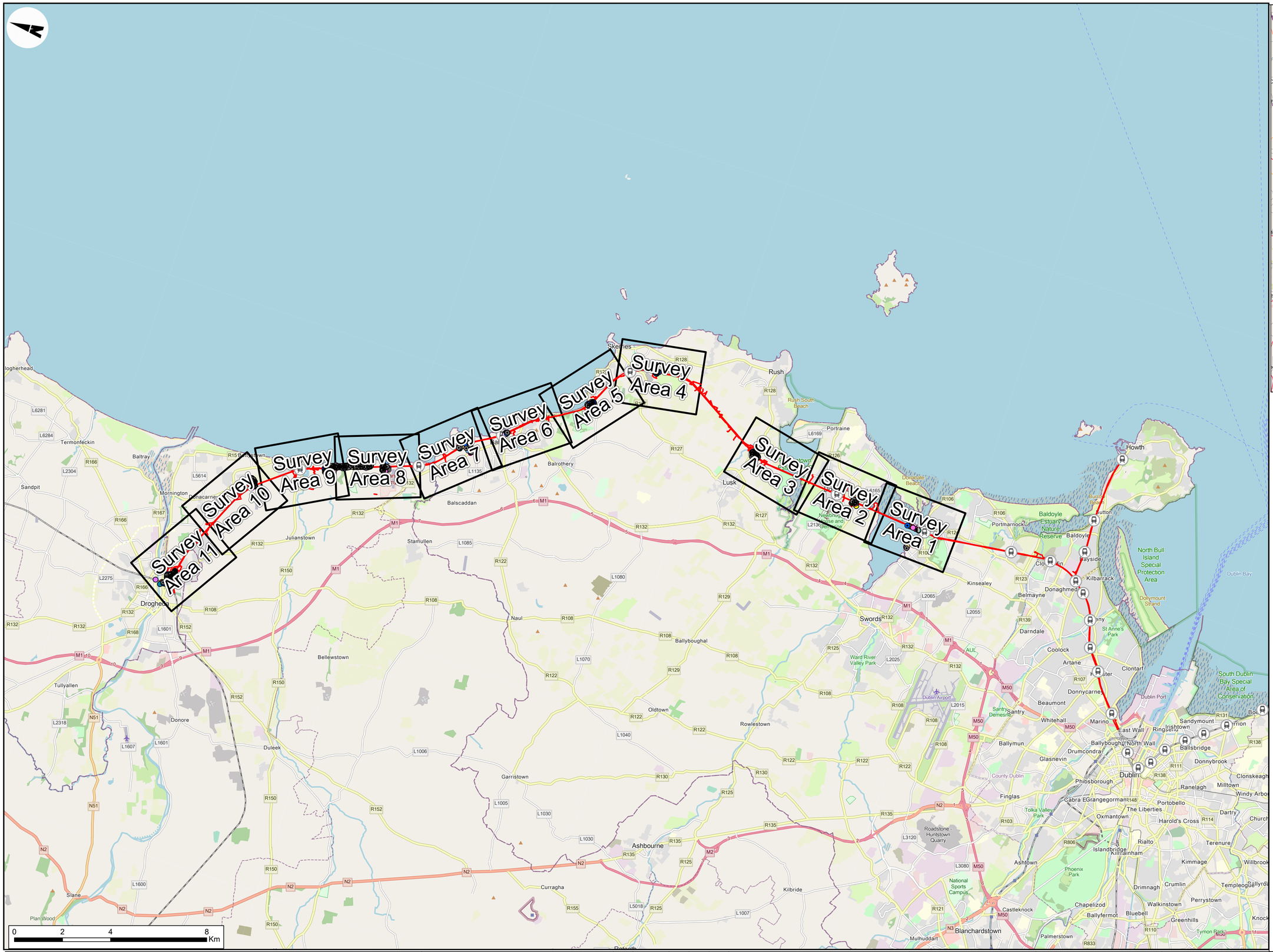

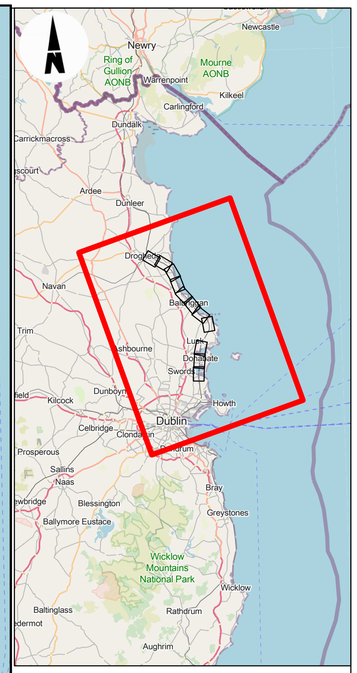

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BLUE TIT
- BULLFINCH
- BUZZARD
- CARRION CROW
- CHAFFINCH
- CHIFFCHAFF
- COAL TIT
- COLLARED DOVE
- CORMORANT
- CURLEW
- DUNNOCK
- FERAL PIGEON
- GARDEN WARBLER
- GOLDCREST
- GOLDFINCH
- GREAT BLACK-BACKED GULL
- GREAT TIT
- GREENFINCH
- GREY HERON
- HERRING GULL
- HOODED CROW
- HOUSE MARTIN
- HOUSE SPARROW
- JACKDAW
- KESTREL
- LESSER BLACK-BACKED GULL
- LINNET
- LONG-TAILED TIT
- MAGPIE
- MALLARD
- MEADOW PIPIT
- MISTLE THRUSH
- PHEASANT
- PIED WAGTAIL
- REED BUNTING
- REED WARBLER
- ROBIN
- ROOK
- SAND MARTIN
- SEDGE WARBLER
- SKYLARK
- SONG THRUSH
- SPARROWHAWK
- STARLING
- STONECHAT
- SWALLOW
- SWIFT
- TREE SPARROW
- WHITETHROAT
- WILLOW WARBLER
- WOODPIGEON
- WREN
- YELLOWHAMMER

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NOTES
1. FIGURE ONLY INCLUDES AREAS WITH SURVEY RESULTS.

DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P02	31/05/2024	DM	SQ	COD	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:75000 @ A1 1:150000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY OVERVIEW

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200051	1 of 12	S4	P02

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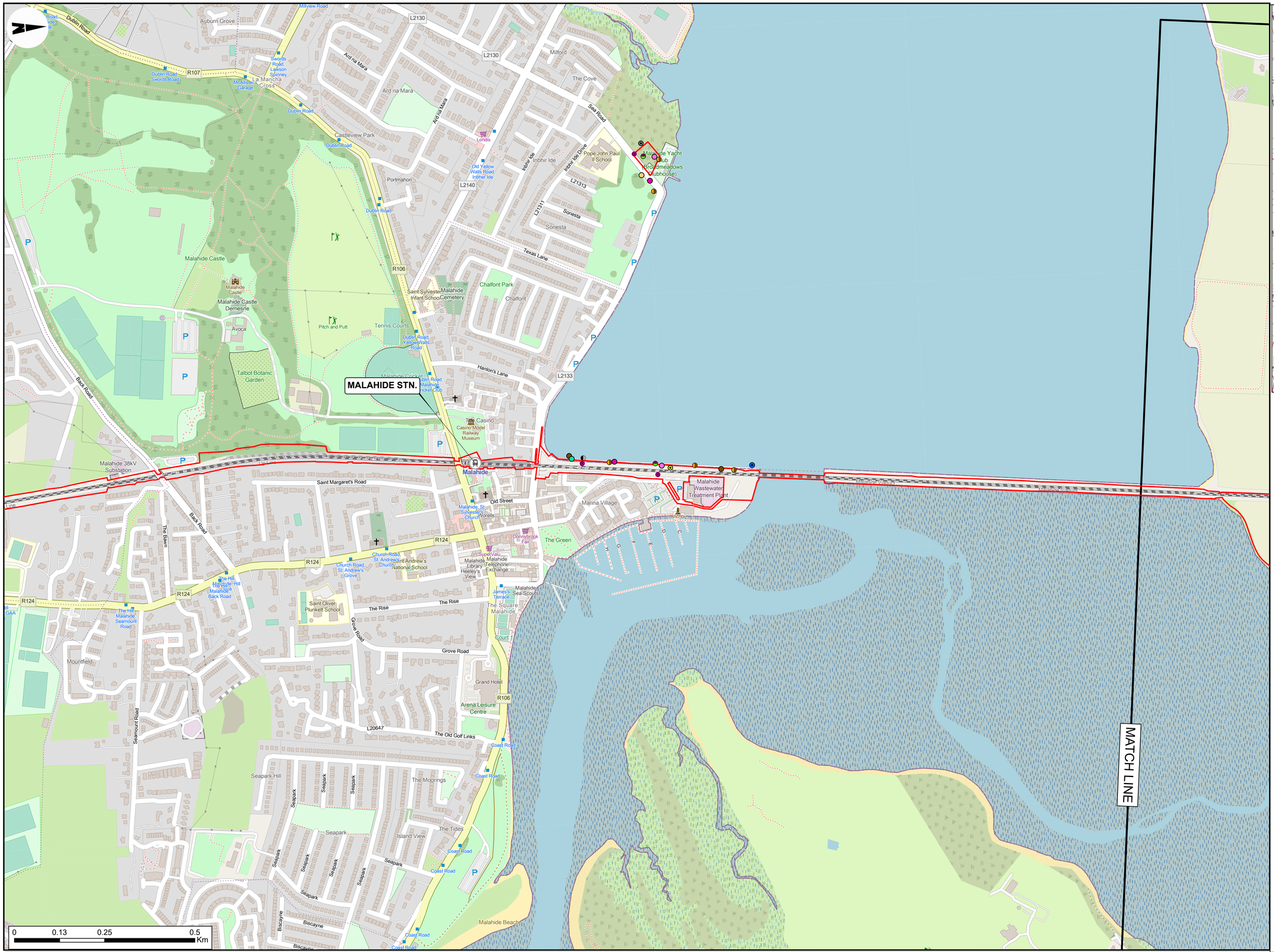

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- CORMORANT
- GOLDFINCH
- GREY HERON
- HERRING GULL
- HOODED CROW
- JACKDAW
- MALLARD
- PIED WAGTAIL
- STARLING
- SWALLOW
- WOODPIGEON
- WREN

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NOTES
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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P02	31/05/2024	DM	SQ	COD	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY FIGURE 5: BREEDING BIRD SURVEY SURVEY AREA 1

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:5000 @ A1 1:10000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
D+WP56	ARP	279933-00	D+WP56-ARP-ZZ-NL-DR-EVBD-200052	2 of 12	S4	P02

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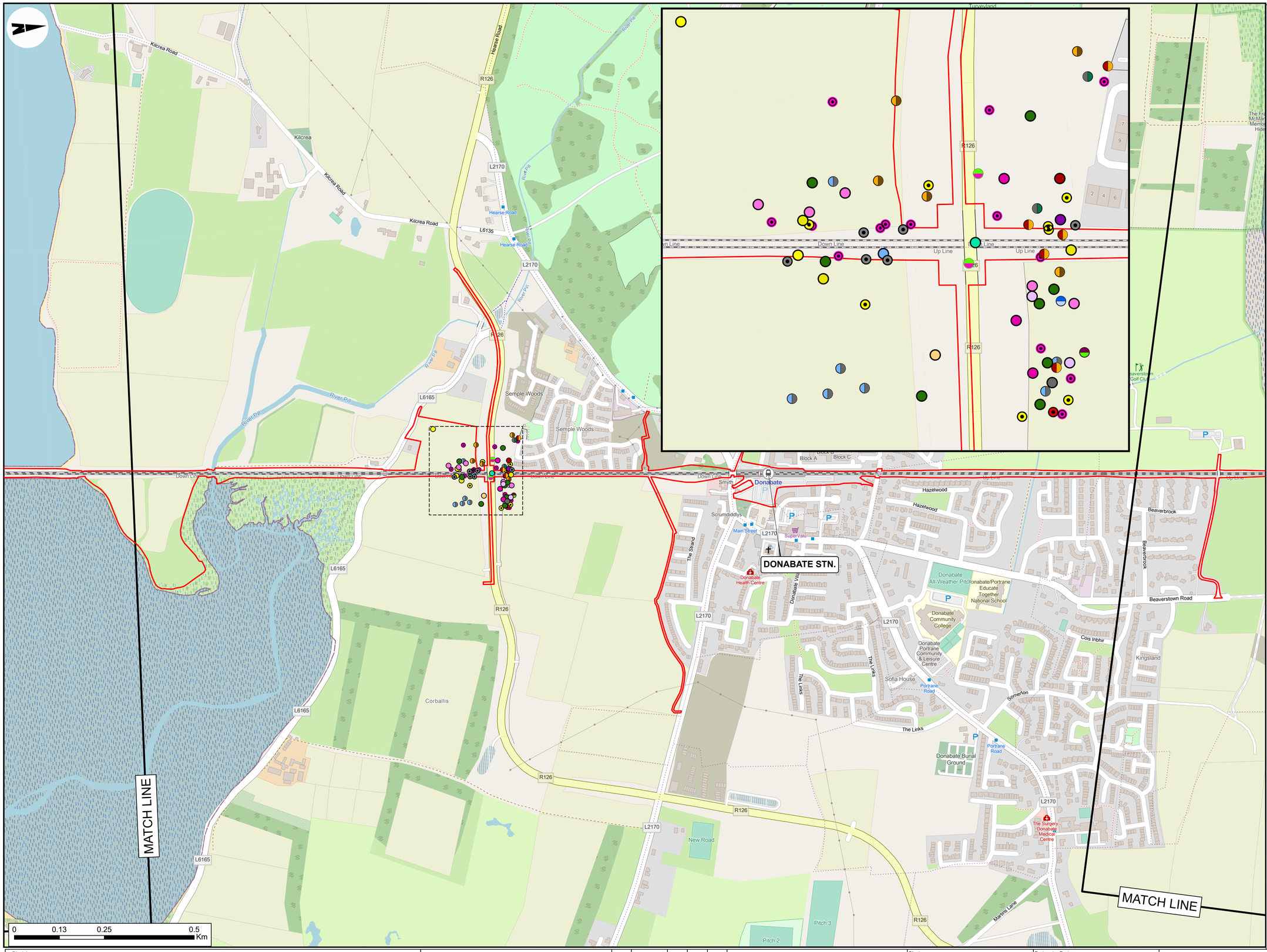

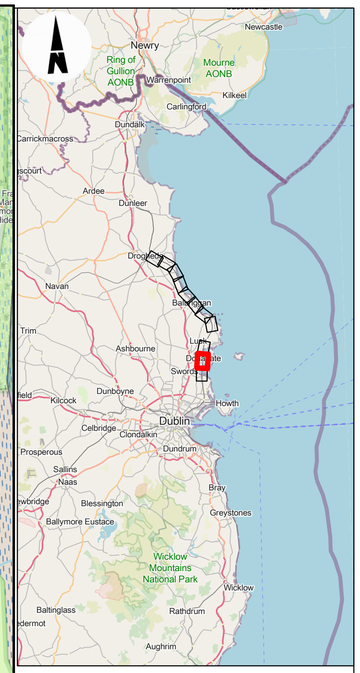

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BUZZARD
- DUNNOCK
- GOLDFINCH
- GREAT TIT
- HERRING GULL
- HOODED CROW
- JACKDAW
- LINNET
- MAGPIE
- PHEASANT
- ROBIN
- ROOK
- SKYLARK
- SONG THRUSH
- STARLING
- STONECHAT
- SWALLOW
- WILLOW WARBLER
- WOODPIGEON
- WREN
- YELLOWHAMMER

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NOTES
1. FIGURE ONLY INCLUDES AREAS WITH SURVEY RESULTS.
2. INSET MAP SHOWS AREA MARKED BY BLACK DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:1000 WHEN PRINTED AT A1 SIZE.

DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P02	31/05/2024	DM	SQ	COD	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:5000 @ A1 1:10000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 2

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200052	3 of 12	S4	P02

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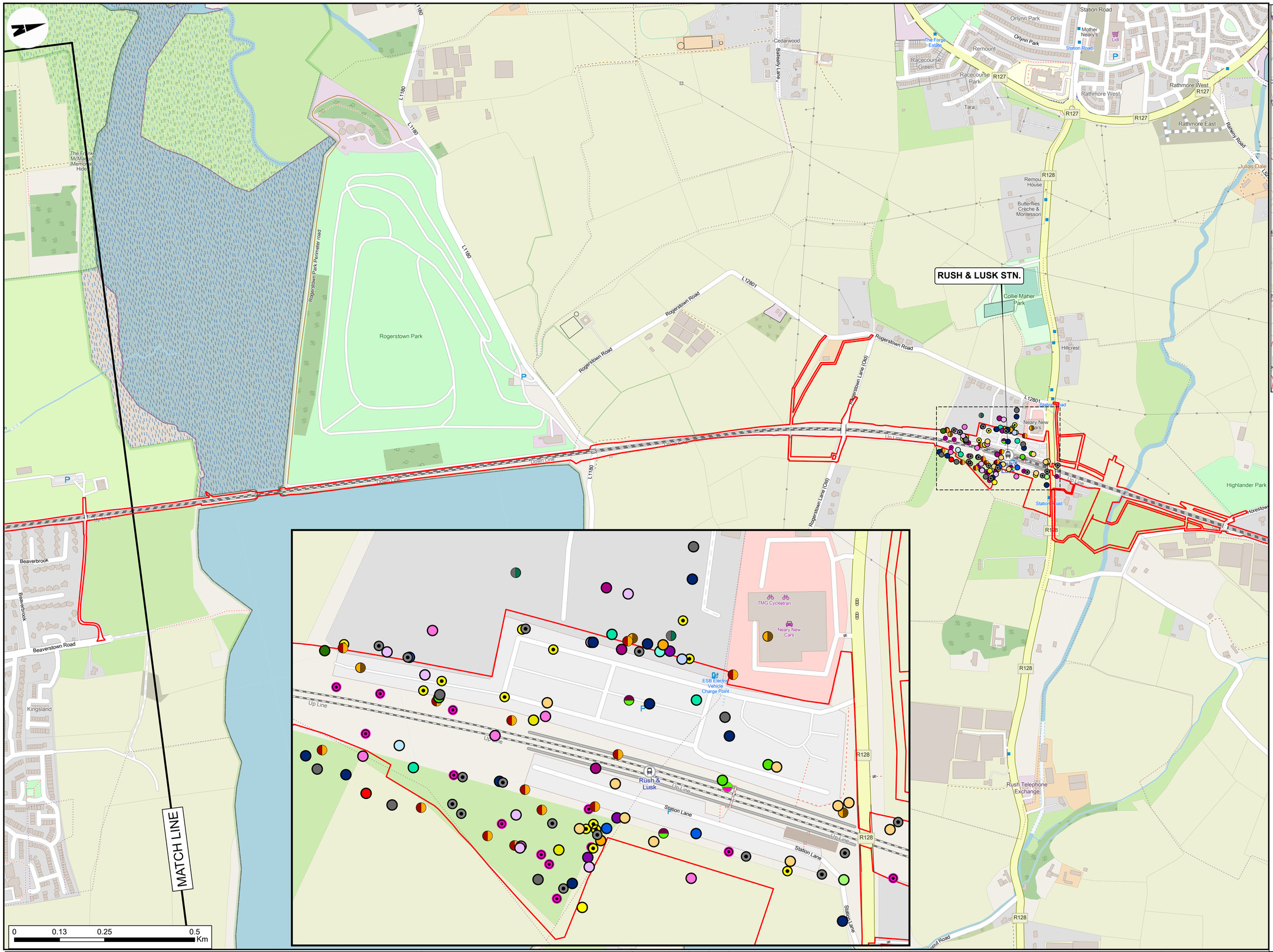

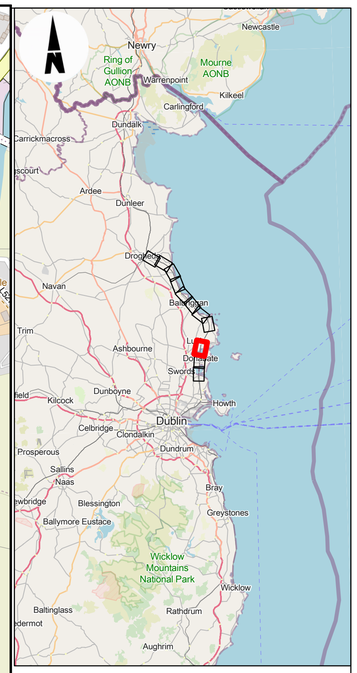

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BLUE TIT
- BULLFINCH
- CHAFFINCH
- CHIFFCHAFF
- DUNNOCK
- GOLDCREST
- GOLDFINCH
- GREAT TIT
- GREENFINCH
- HERRING GULL
- HOUSE MARTIN
- HOUSE SPARROW
- JACKDAW
- LESSER BLACK-BACKED GULL
- LINNET
- MAGPIE
- MISTLE THRUSH
- ROBIN
- ROOK
- SONG THRUSH
- STARLING
- SWALLOW
- WOODPIGEON
- WREN
- YELLOWHAMMER

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NOTES
1. FIGURE ONLY INCLUDES AREAS WITH SURVEY RESULTS.
2. INSET MAP SHOWS AREA MARKED BY BLACK DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:1000 WHEN PRINTED AT A1 SIZE.

DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P02	31/05/2024	DM	SQ	COD	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:5000 @ A1 1:10000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 3

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200053	4 of 12	S4	P02

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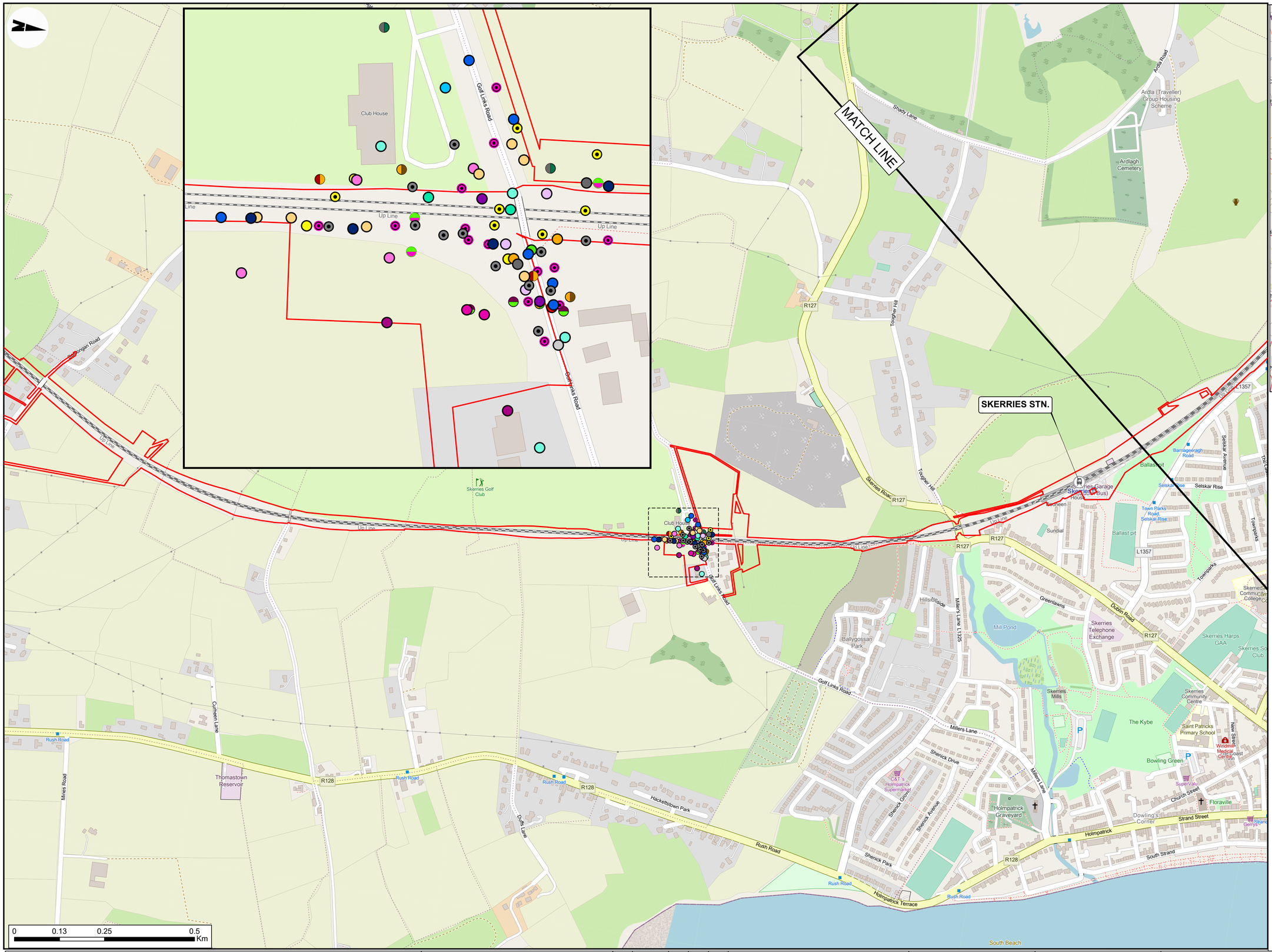

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BLUE TIT
- CHAFFINCH
- COAL TIT
- COLLARED DOVE
- DUNNOCK
- GOLDCREST
- GOLDFINCH
- GREAT TIT
- GREENFINCH
- HERRING GULL
- HOODED CROW
- HOUSE MARTIN
- HOUSE SPARROW
- JACKDAW
- MISTLE THRUSH
- ROBIN
- ROOK
- SONG THRUSH
- STARLING
- SWALLOW
- TREE SPARROW
- WOODPIGEON
- WREN
- YELLOWHAMMER

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NOTES
1. FIGURE ONLY INCLUDES AREAS WITH SURVEY RESULTS.
2. INSET MAP SHOWS AREA MARKED BY BLACK DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:750 WHEN PRINTED AT A1 SIZE.

DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

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Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:5000 @ A1 1:10000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: **DART+ COASTAL NORTH**

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 4

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200054	5 of 12	S4	P02

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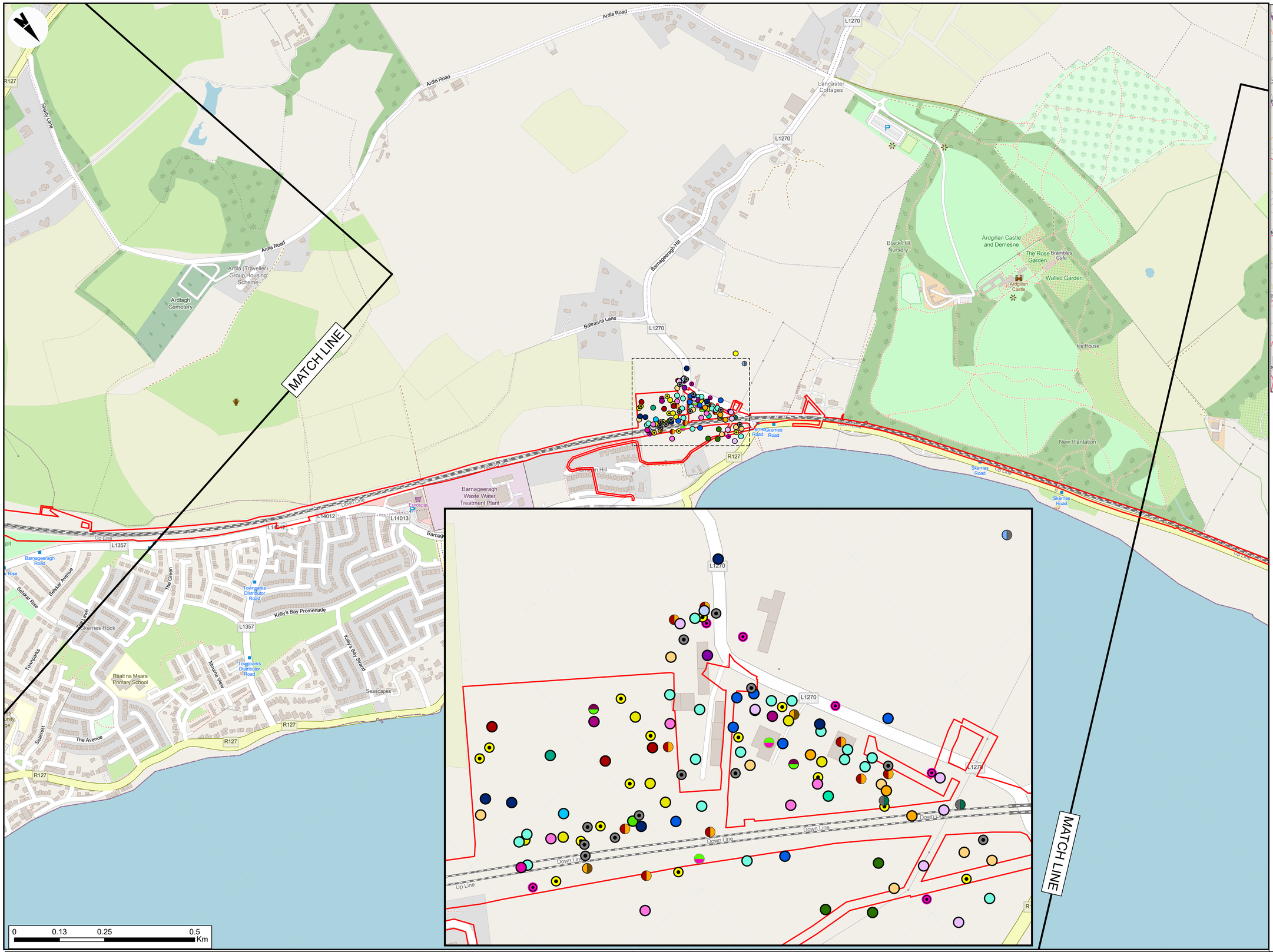

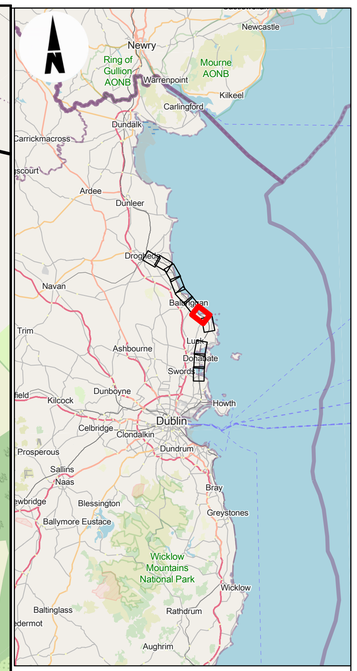

LEGEND

DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLUE TIT
- BULLFINCH
- CHAFFINCH
- COLLARED DOVE
- DUNNOCK
- GOLDCREST
- GOLDFINCH
- GREAT TIT
- GREENFINCH
- HERRING GULL
- HOODED CROW
- HOUSE MARTIN
- HOUSE SPARROW
- JACKDAW
- KESTREL
- LINNET
- MAGPIE
- PHEASANT
- ROBIN
- ROOK
- SKYLARK
- SONG THRUSH
- STARLING
- SWALLOW
- WOODPIGEON
- WREN
- YELLOWHAMMER

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NOTES
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2. INSET MAP SHOWS AREA MARKED BY BLACK DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:1000 WHEN PRINTED AT A1 SIZE.

DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P02	31/05/2024	DM	SQ	COD	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:5000 @ A1 1:10000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 5

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200055	6 of 12	S4	P02

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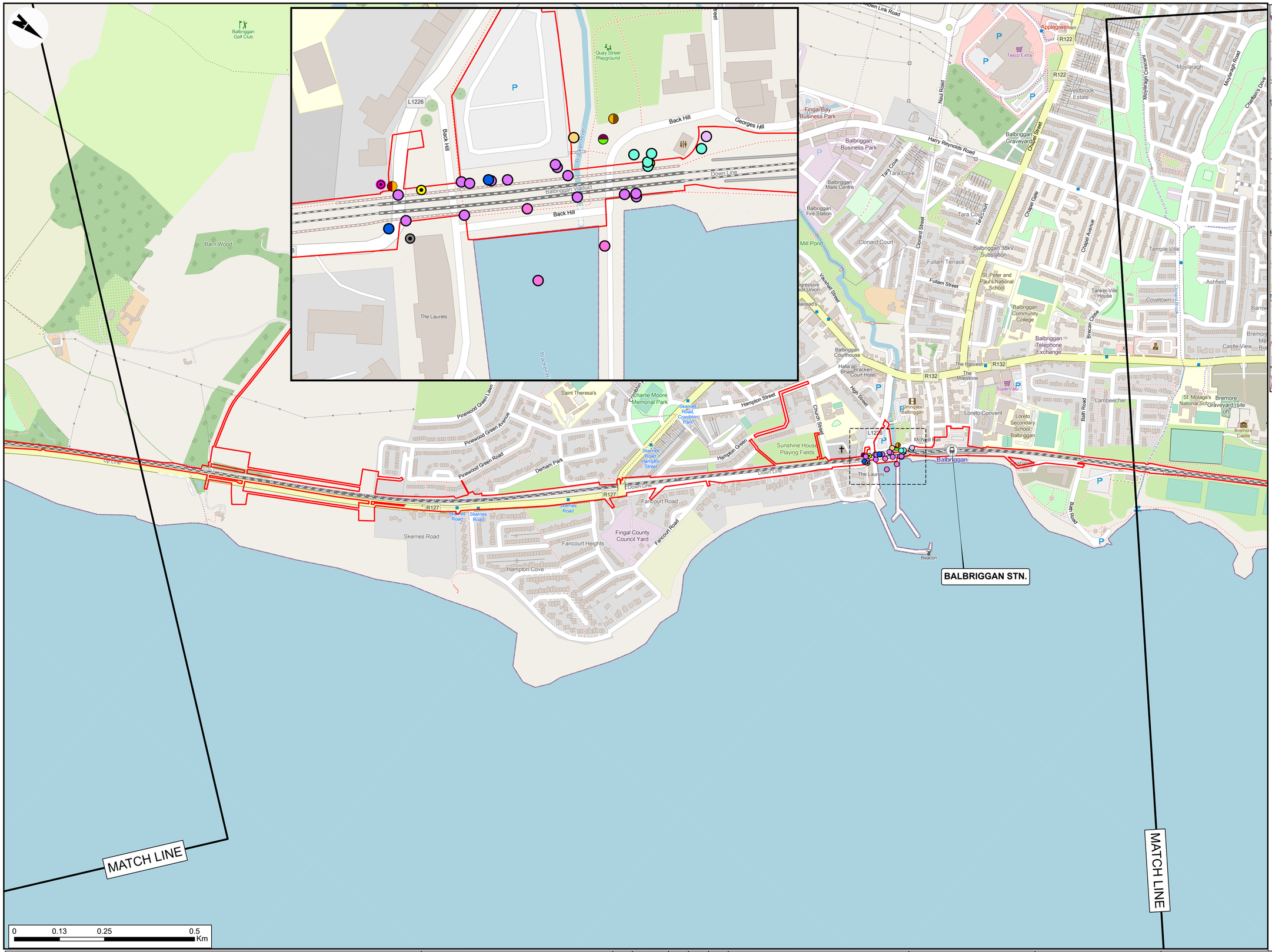

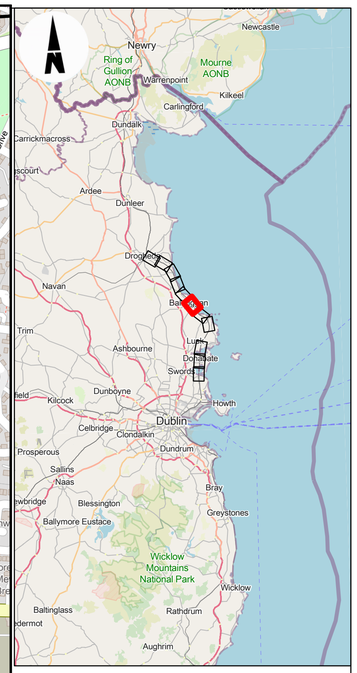

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLUE TIT
- DUNNOCK
- FERAL PIGEON
- GOLDFINCH
- HERRING GULL
- HOUSE SPARROW
- ROBIN
- STARLING
- SWALLOW
- WOODPIGEON
- WREN

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NOTES
1. FIGURE ONLY INCLUDES AREAS WITH SURVEY RESULTS.
2. INSET MAP SHOWS AREA MARKED BY BLACK DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:750 WHEN PRINTED AT A1 SIZE.

DART+ Coastal North
NTA Údarás Náisiúnta Iompair National Transport Authority
Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P02	31/05/2024	DM	SQ	COD	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail
Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:5000 @ A1 1:10000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 6

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200056	7 of 12	S4	P02

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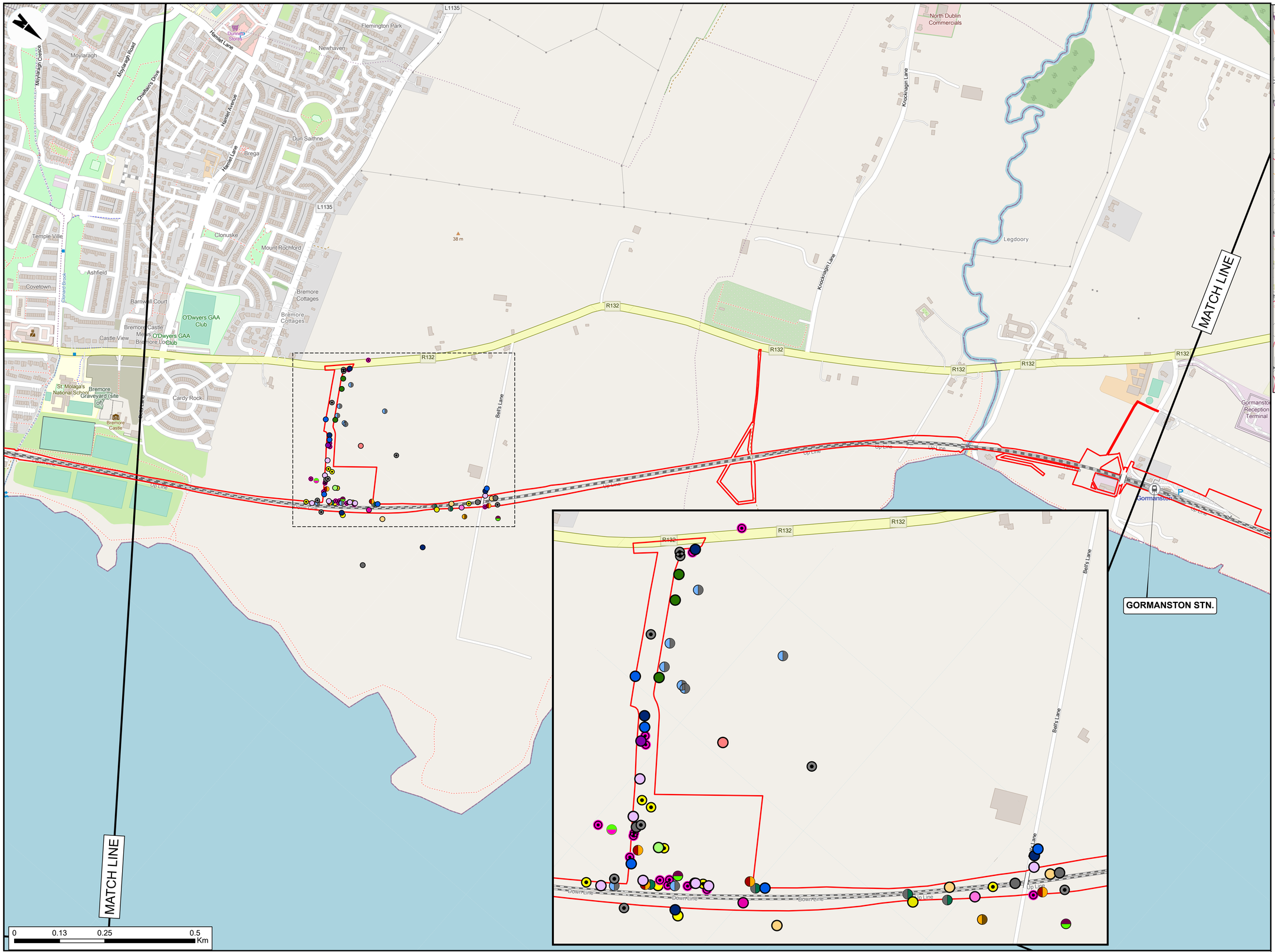

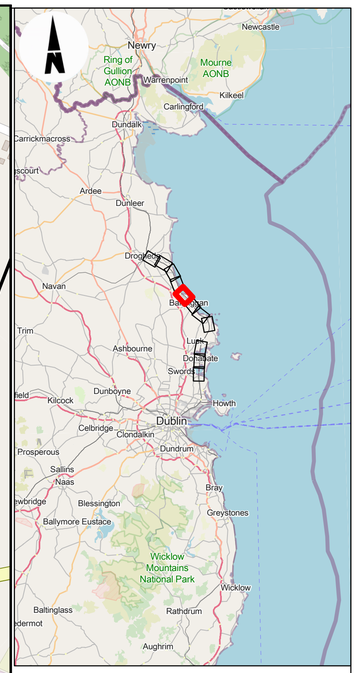

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BLUE TIT
- CHAFFINCH
- DUNNOCK
- GOLDFINCH
- GREAT TIT
- HERRING GULL
- HOODED CROW
- LESSER BLACK-BACKED GULL
- LINNET
- MAGPIE
- MEADOW PIPIT
- ROBIN
- ROOK
- SKYLARK
- SONG THRUSH
- STARLING
- SWALLOW
- WOODPIGEON
- WREN
- YELLOWHAMMER

0 0.13 0.25 0.5 Km

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NOTES
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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

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Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

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07/09/2023	1:5000 @ A1 1:10000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 7

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200057	8 of 12	S4	P02

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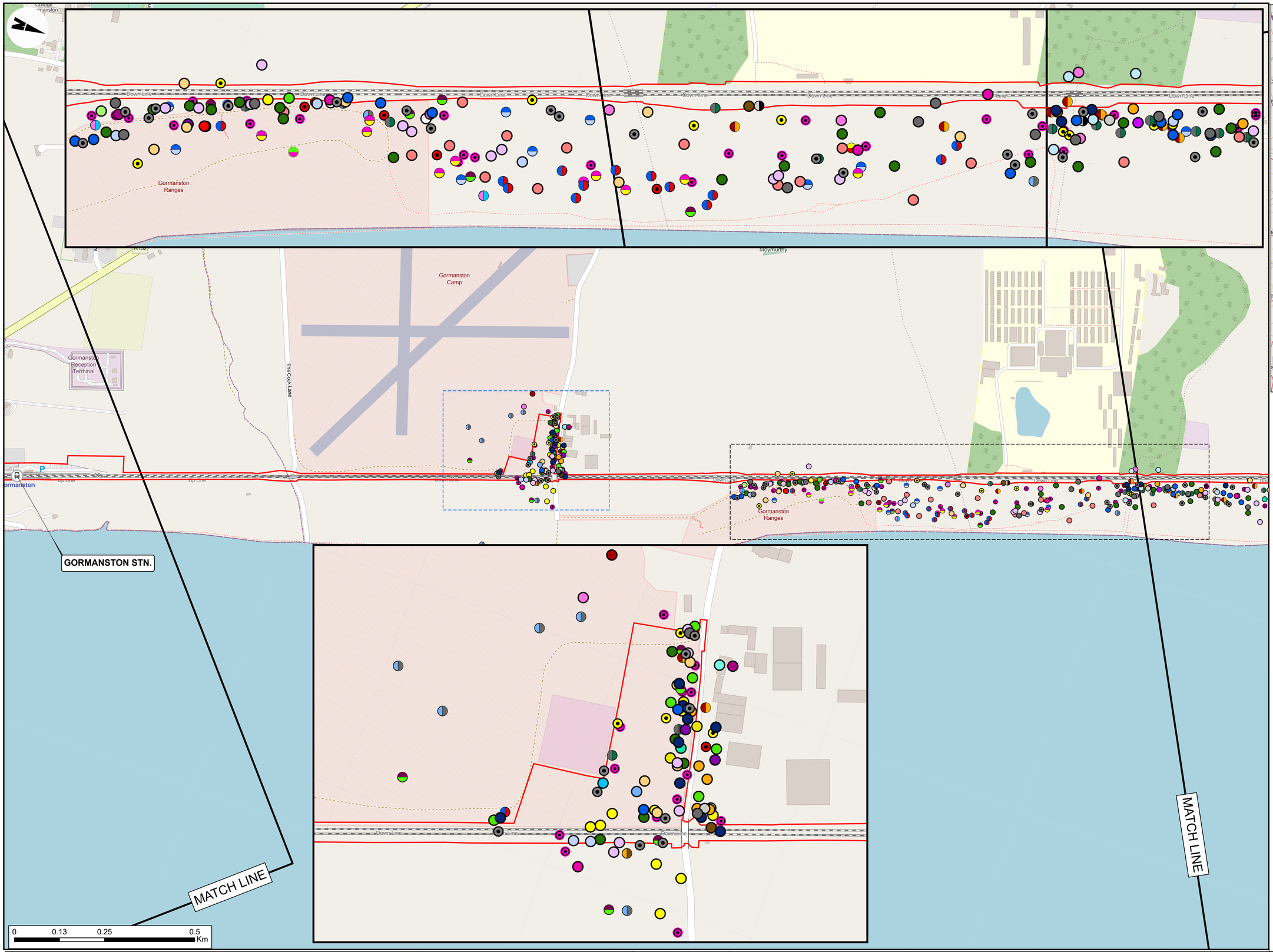

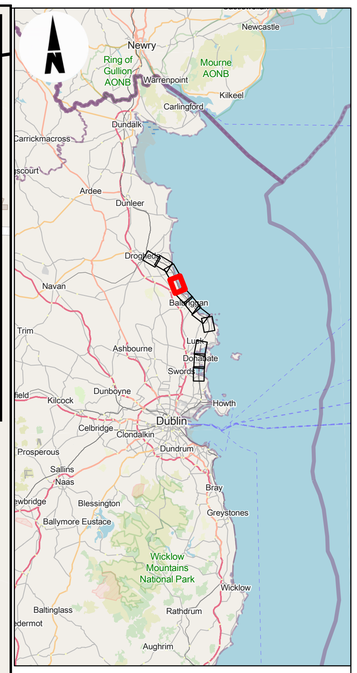

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BLUE TIT
- BULLFINCH
- BUZZARD
- CHAFFINCH
- CHIFFCHAFF
- COAL TIT
- COLLARED DOVE
- DUNNOCK
- GARDEN WARBLER
- GOLDCREST
- GOLDFINCH
- GREAT BLACK-BACKED GULL
- GREAT TIT
- GREENFINCH
- HERRING GULL
- HOODED CROW
- HOUSE MARTIN
- HOUSE SPARROW
- JACKDAW
- LESSER BLACK-BACKED GULL
- LINNET
- MAGPIE
- MALLARD
- MEADOW PIPIT
- MISTLE THRUSH
- PHEASANT
- REED BUNTING
- REED WARBLER
- ROBIN
- ROOK
- SAND MARTIN
- SEDGE WARBLER
- SKYLARK
- SONG THRUSH
- STARLING
- STONECHAT
- SWALLOW
- WHITETHROAT
- WILLOW WARBLER
- WOODPIGEON
- WREN
- YELLOWHAMMER

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NOTES
1. FIGURE ONLY INCLUDES AREAS WITH SURVEY RESULTS.
2. THE TOP INSET MAP SHOWS THE AREA MARKED BY THE BLACK DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:2000 WHEN PRINTED AT A1 SIZE. THE BOTTOM INSET MAP SHOWS THE AREA MARKED BY THE BLUE DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:1500 WHEN PRINTED AT A1 SIZE.

DART+ Coastal North
NTA Údarás Náisiúnta Iompair National Transport Authority
Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P02	31/05/2024	DM	SQ	COD	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail
Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
07/09/2023	1:5000 @ A1 1:10000 @ A3	DM	SQ	COD

Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 8

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200058	9 of 12	S4	P02

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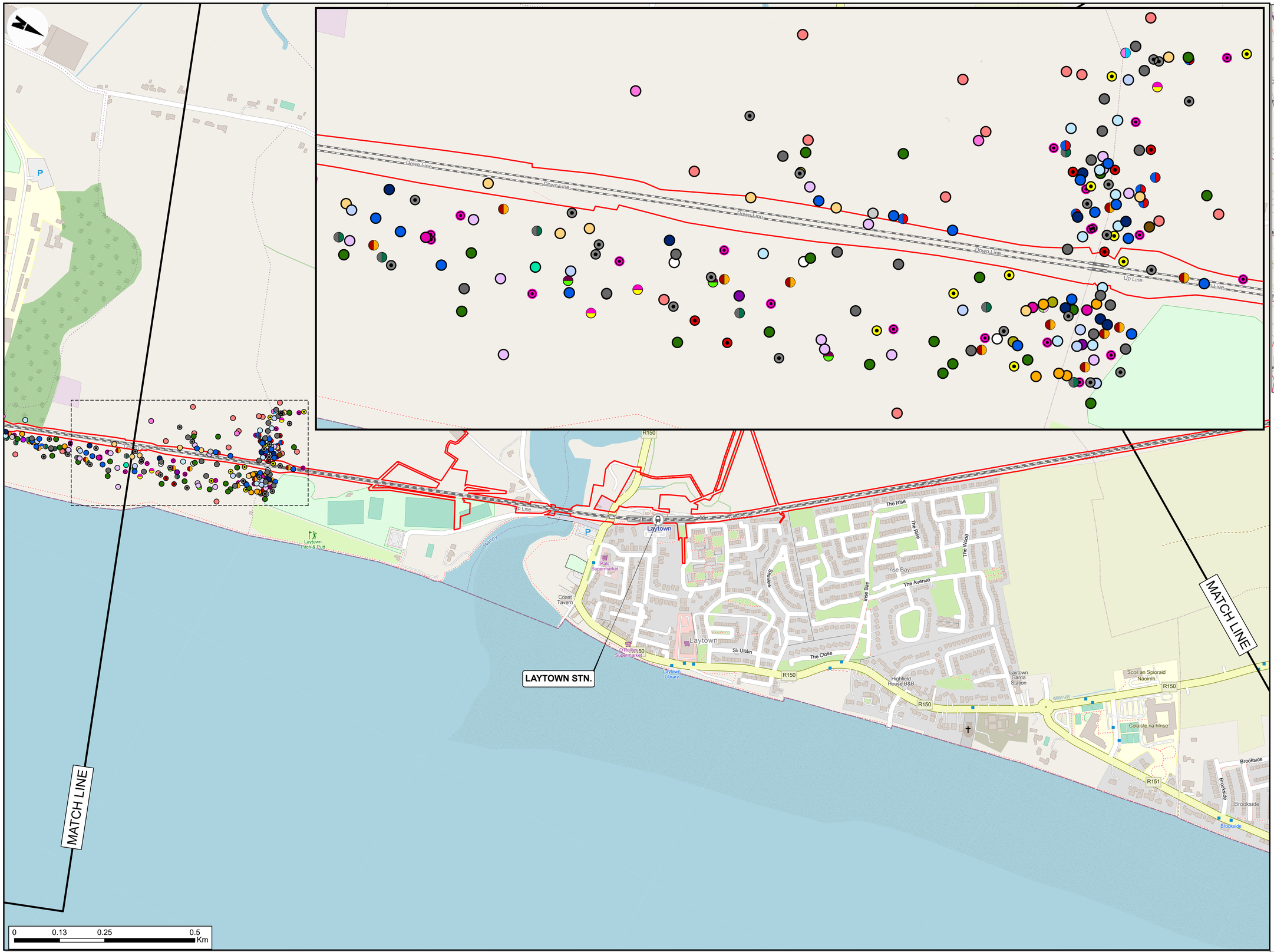

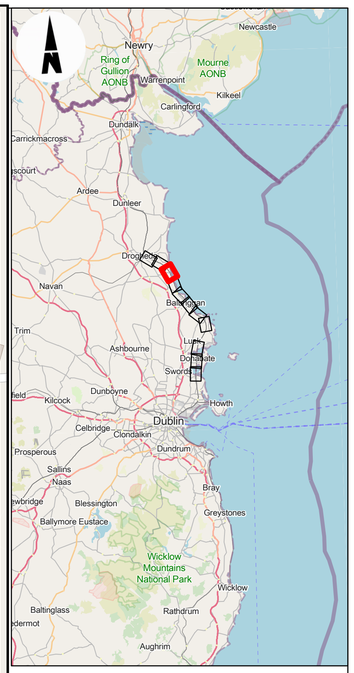

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BLUE TIT
- BULLFINCH
- CHAFFINCH
- CHIFFCHAFF
- COAL TIT
- DUNNOCK
- GARDEN WARBLER
- GOLDCREST
- GOLDFINCH
- GREAT BLACK-BACKED GULL
- GREAT TIT
- HERRING GULL
- HOODED CROW
- JACKDAW
- LINNET
- LONG-TAILED TIT
- MALLARD
- MEADOW PIPIT
- REED BUNTING
- ROBIN
- SAND MARTIN
- SEDGE WARBLER
- SONG THRUSH
- SPARROWHAWK
- STONECHAT
- SWALLOW
- WHITETHROAT
- WILLOW WARBLER
- WOODPIGEON
- WREN

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NOTES
1. FIGURE ONLY INCLUDES AREAS WITH SURVEY RESULTS.
2. INSET MAP SHOWS AREA MARKED BY BLACK DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:1250 WHEN PRINTED AT A1 SIZE.

DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
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Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

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Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 9

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200059	10 of 12	S4	P02

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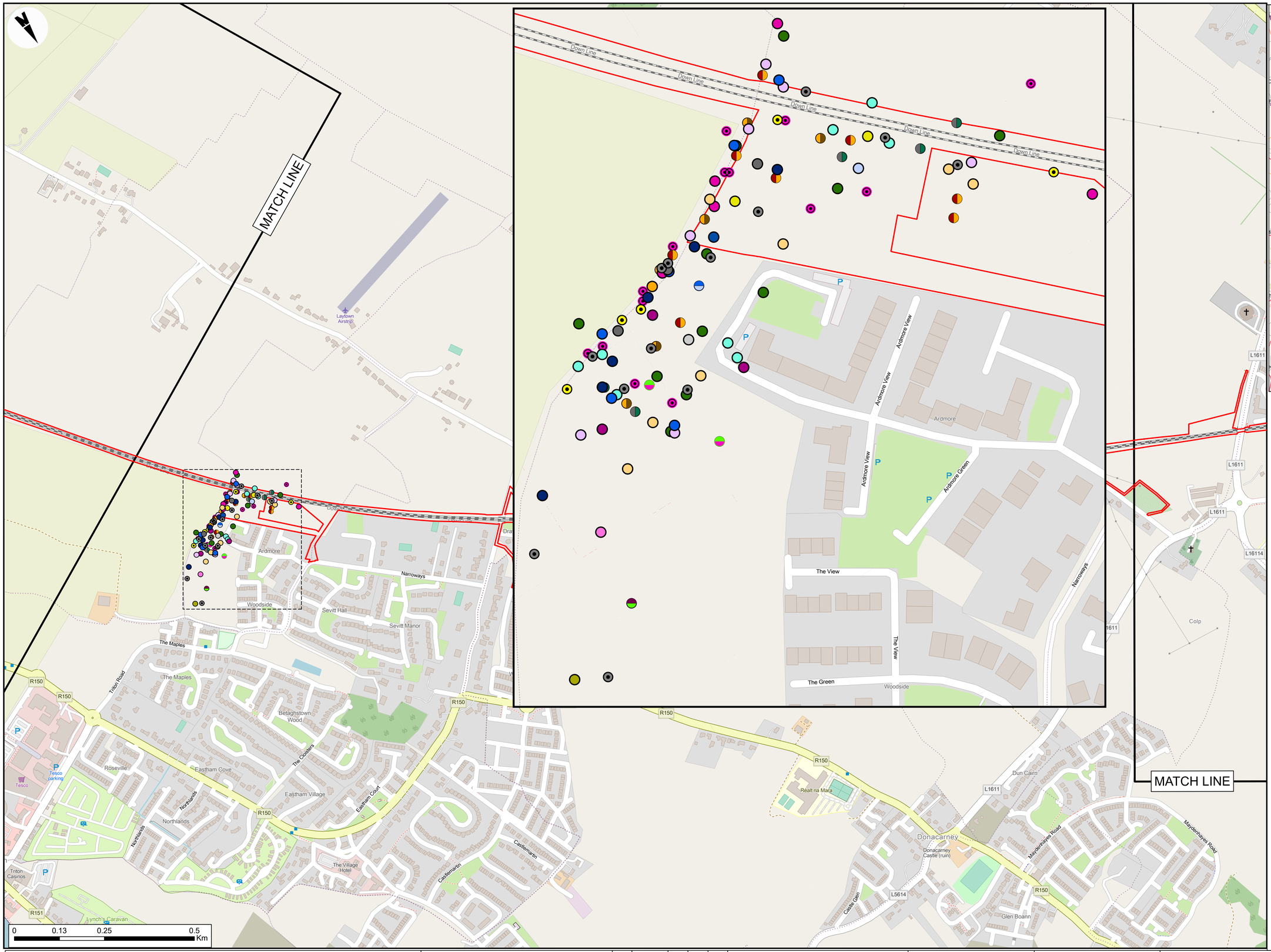

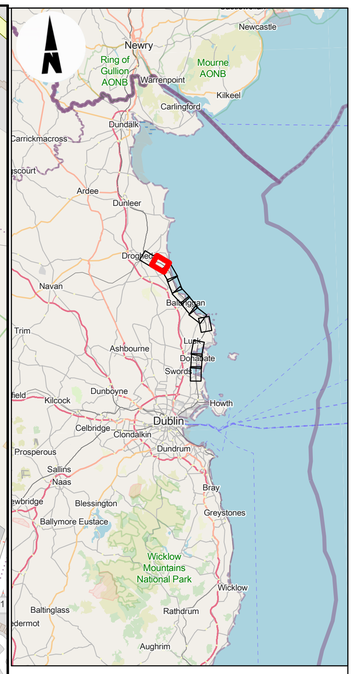

LEGEND

DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BLUE TIT
- BULLFINCH
- CARRION CROW
- CHAFFINCH
- COAL TIT
- DUNNOCK
- GOLDCREST
- GOLDFINCH
- HERRING GULL
- HOODED CROW
- HOUSE MARTIN
- HOUSE SPARROW
- LINNET
- LONG-TAILED TIT
- MAGPIE
- ROBIN
- ROOK
- SONG THRUSH
- STARLING
- STONECHAT
- SWALLOW
- WOODPIGEON
- WREN

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NOTES
1. FIGURE ONLY INCLUDES AREAS WITH SURVEY RESULTS.
2. INSET MAP SHOWS AREA MARKED BY BLACK DASHED BOUNDARY MAGNIFIED TO A SCALE OF 1:1000 WHEN PRINTED AT A1 SIZE.

DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
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Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

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Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 10

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200060	11 of 12	S4	P02

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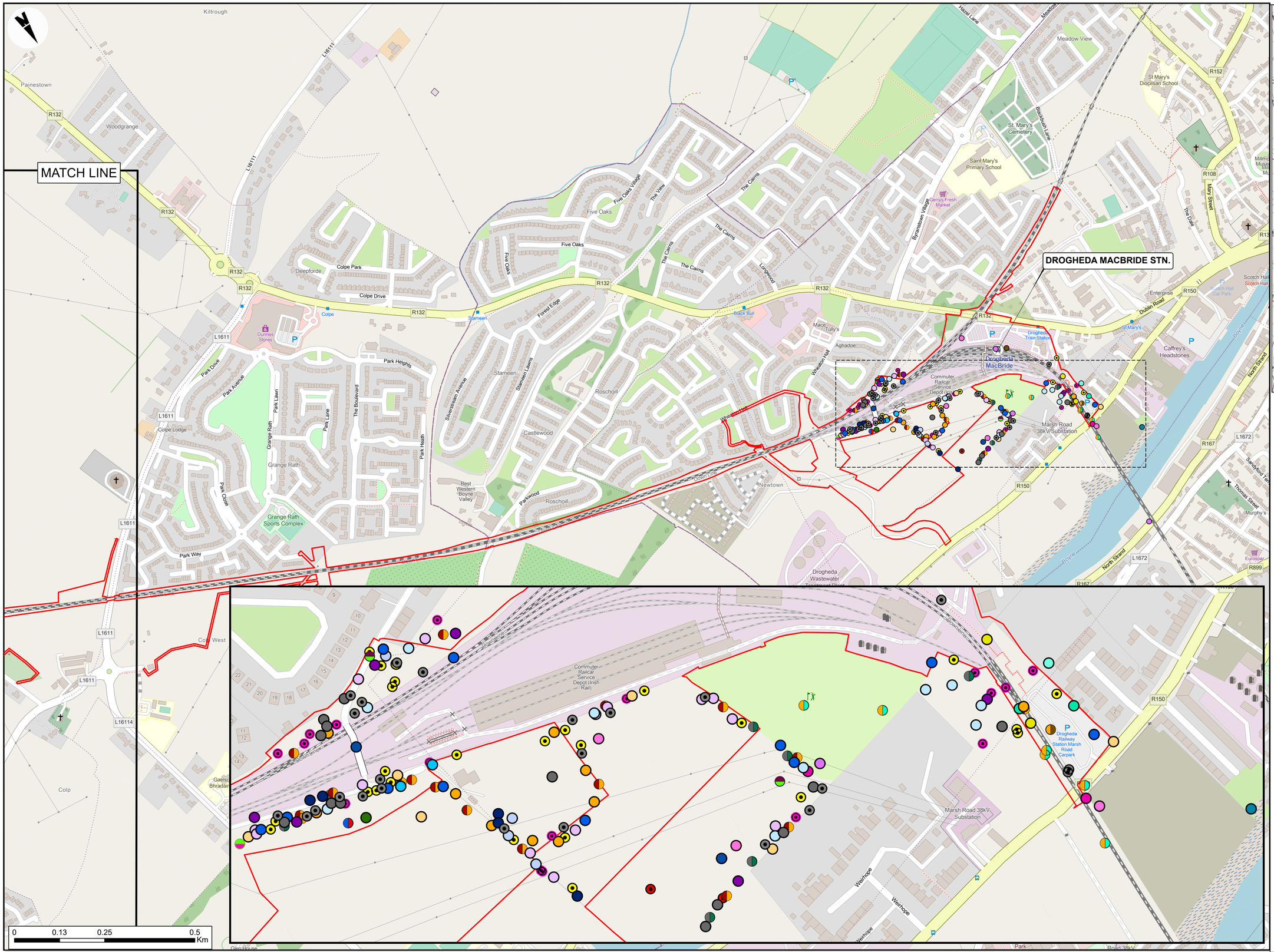

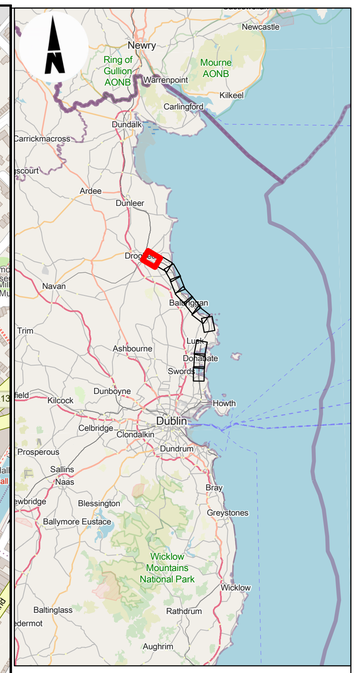

LEGEND

- RAILWAY STATIONS
- DEVELOPMENT BOUNDARY

BREEDING BIRD SURVEY

- BLACKBIRD
- BLACKCAP
- BLUE TIT
- BULLFINCH
- CARRION CROW
- CHAFFINCH
- CHIFFCHAFF
- COLLARED DOVE
- CURLEW
- DUNNOCK
- FERAL PIGEON
- GOLDCREST
- GOLDFINCH
- GREAT TIT
- HERRING GULL
- HOODED CROW
- HOUSE SPARROW
- JACKDAW
- LINNET
- MAGPIE
- PIED WAGTAIL
- REED BUNTING
- ROBIN
- ROOK
- SONG THRUSH
- STARLING
- SWALLOW
- SWIFT
- WILLOW WARBLER
- WOODPIGEON
- WREN

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NOTES
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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

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Project Code	Originator Code	QMS Code
D+WP56	ARP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: BIODIVERSITY
FIGURE 5: BREEDING BIRD SURVEY
SURVEY AREA 11

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-ZZ-NL-DR-EVBD-200061	12 of 12	S4	P02

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