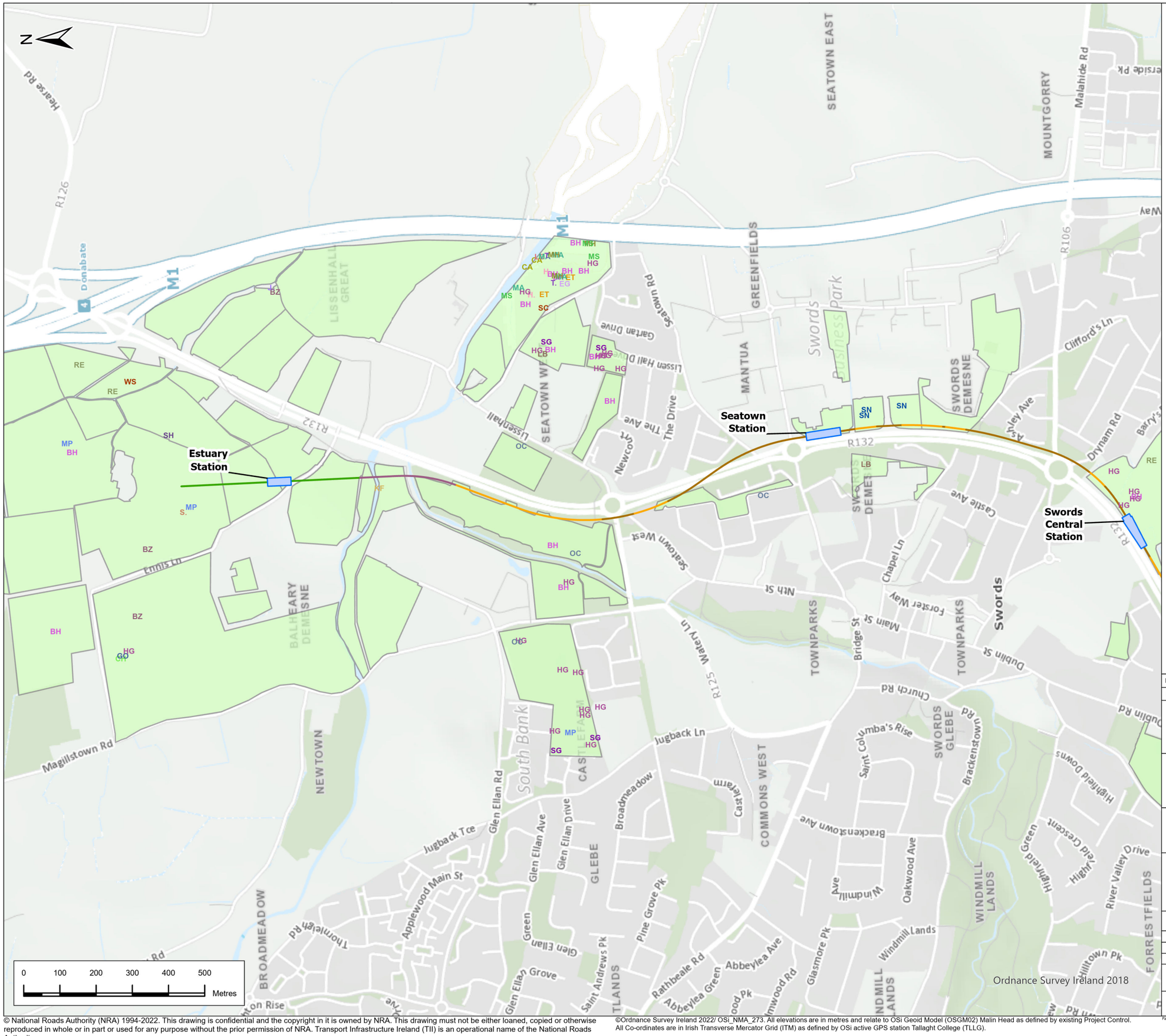


Legend

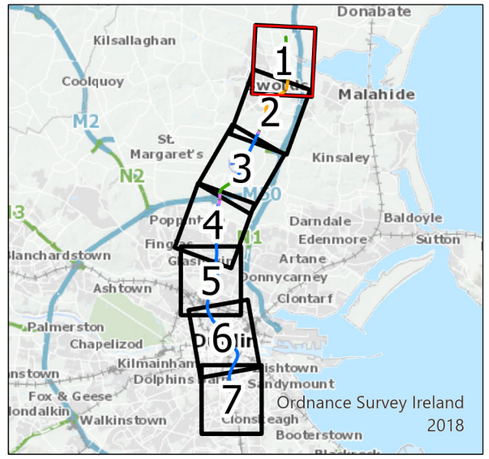
Alignment

- Cut & Cover
- Retained Cut
- Surface
- Viaduct
- Station Locations
- Wintering Birds Survey Area

Wintering Birds

Label, Common Name

- BH,Black-headed gull
- BZ,Buzzard
- CA,Cormorant
- CH,Chaffinch
- EG,Little egret
- ET,Little egret
- GO,Goldfinch
- H.,Grey heron
- HG,Herring gull
- J.,Jay
- KF,Kingfisher
- LB,Lesser black-backed gull
- LG,Little grebe
- MA,Mallard
- MH,Moorhen
- MP,Meadow pipit
- MS,Mute swan
- OC,Oystercatcher
- RE,Redwing
- S.,Skylark
- SC,Stonechat
- SG,Starling
- SH,Sparrowhawk
- SN,Snipe
- T.,Teal
- WS,Whooper swan



Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P02	31/5/22	Final Issue	GL	RH	RH	NC

JACOBS IDOM

Client: TII Bonneagar Iompair Éireann Transport Infrastructure Ireland

Project: METROLINK

Drawing Title

Figure 15.10 Wintering Bird Survey Results
Sheet 1 of 7

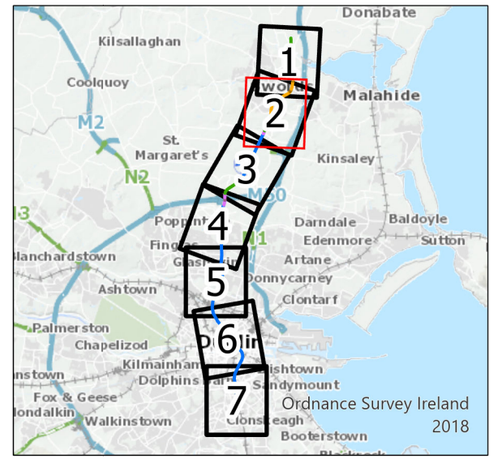
Drawing Status	FINAL	
Scale @ A3	1:10,000	DO NOT SCALE
Jacobs No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-16137	Rev P02

This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Path: \\europe.jacobs.com\Dublin\Data\JI\Sustainable Solutions\Metro North\11 - Mapping\Working\EIAR_Drawings\CH 15 - Fig 15.10 Wintering bird survey results.aprx



Legend

Alignment

- Cut & Cover
- Retained Cut
- Surface
- Tunnel
- Station Locations
- Wintering Birds Survey Area

Wintering Birds

Label, Common Name

- BH,Black-headed gull
- BW,Black-tailed godwit
- BZ,Buzzard
- GO,Goldfinch
- HG,Herring gull
- MA,Mallard
- MH,Moorhen
- MP,Meadow pipit
- MS,Mute swan
- RE,Redwing
- SN,Snipe
- ST,Song thrush

Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P02	31/5/22	Final Issue	GL	RH	RH	NC

JACOBS IDOM

Client: TII Bonneagar Iompair Éireann Transport Infrastructure Ireland

Project: METROLINK

Drawing Title

Figure 15.10 Wintering Bird Survey Results Sheet 2 of 7

Drawing Status: FINAL

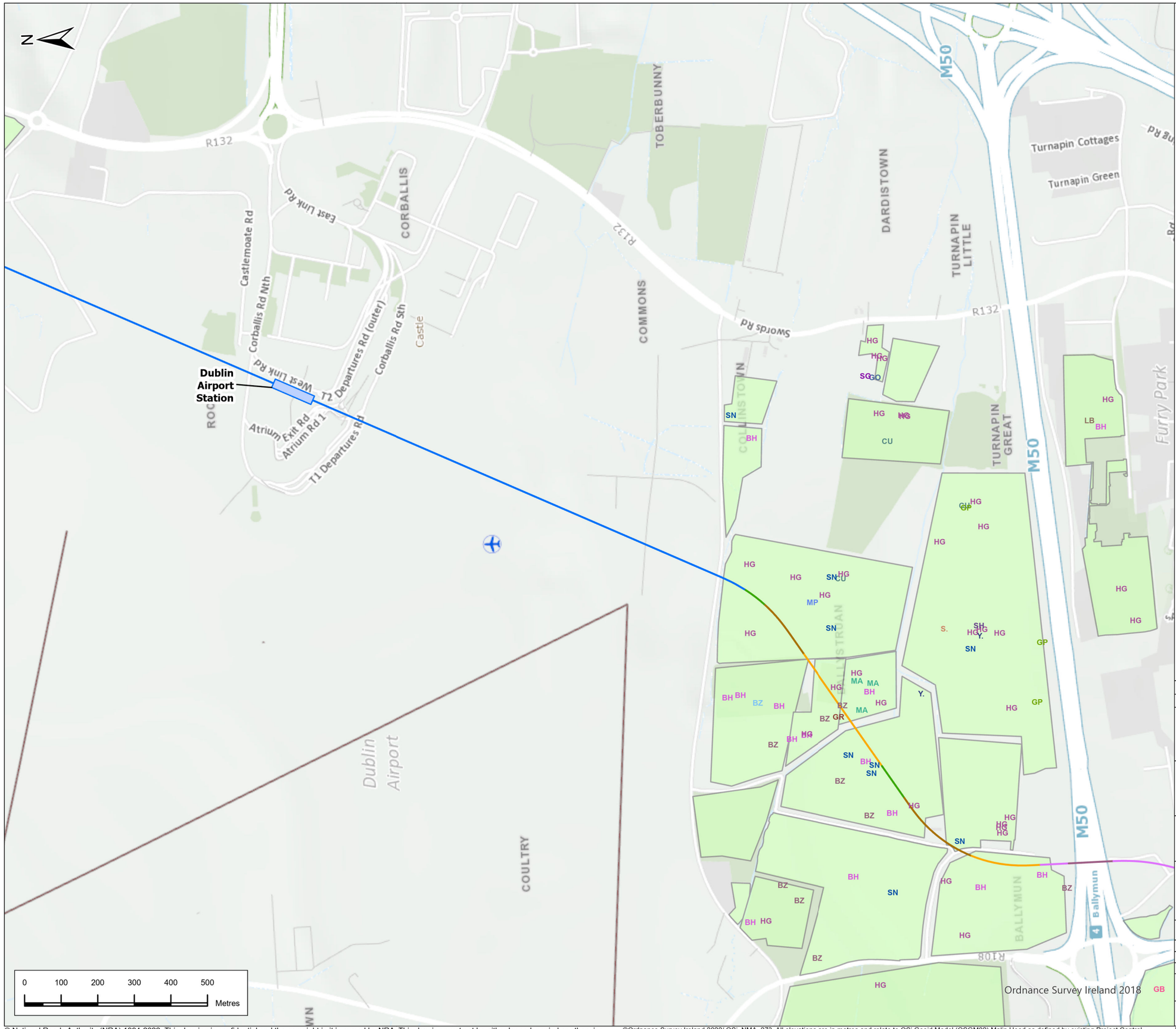
Scale @ A3	1:10,000	DO NOT SCALE
Jacobs No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-16138	Rev P02

This drawing is not to be used in whole in or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Path: \\europe.jacobs.com\Dublin\Data\IR\Sustainable Solutions\Metro North\11 - Mapping\Working\EIAR_Drawings\CH 15 - Fig 15.10 Wintering bird survey results.aprx



Legend

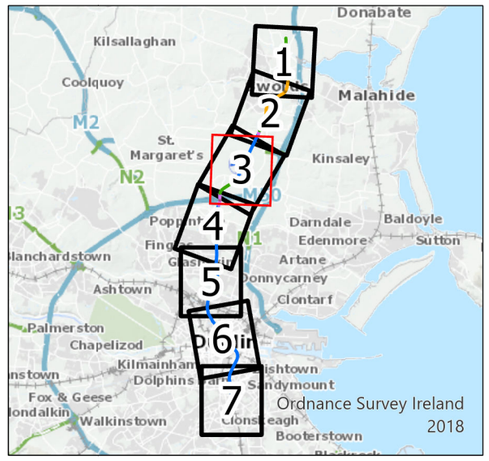
Alignment

- Cut & Cover
- Incline
- Retained Cut
- Surface
- Tunnel
- Viaduct
- Station Locations
- Wintering Birds Survey Area

Wintering Birds

Label, Common Name

- BH,Black-headed gull
- BZ,Black-headed gull
- BZ,Buzzard
- CU,Curlew
- GB,Great black-backed gull
- GO,Goldfinch
- GP,Golden plover
- GR,Greenfinch
- HG,Herring gull
- LB,Lesser black-backed gull
- MA,Mallard
- MP,Meadow pipit
- S.,Skylark
- SG,Starling
- SH,Sparrowhawk
- SN,Snipe
- Y.,Yellowhammer



Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P02	31/5/22	Final Issue	GL	RH	RH	NC

JACOBS IDOM

Client: TII Bonneagar Iompair Éireann Transport Infrastructure Ireland

Project: METROLINK

Drawing Title

Figure 15.10 Wintering Bird Survey Results
Sheet 3 of 7

Drawing Status: FINAL

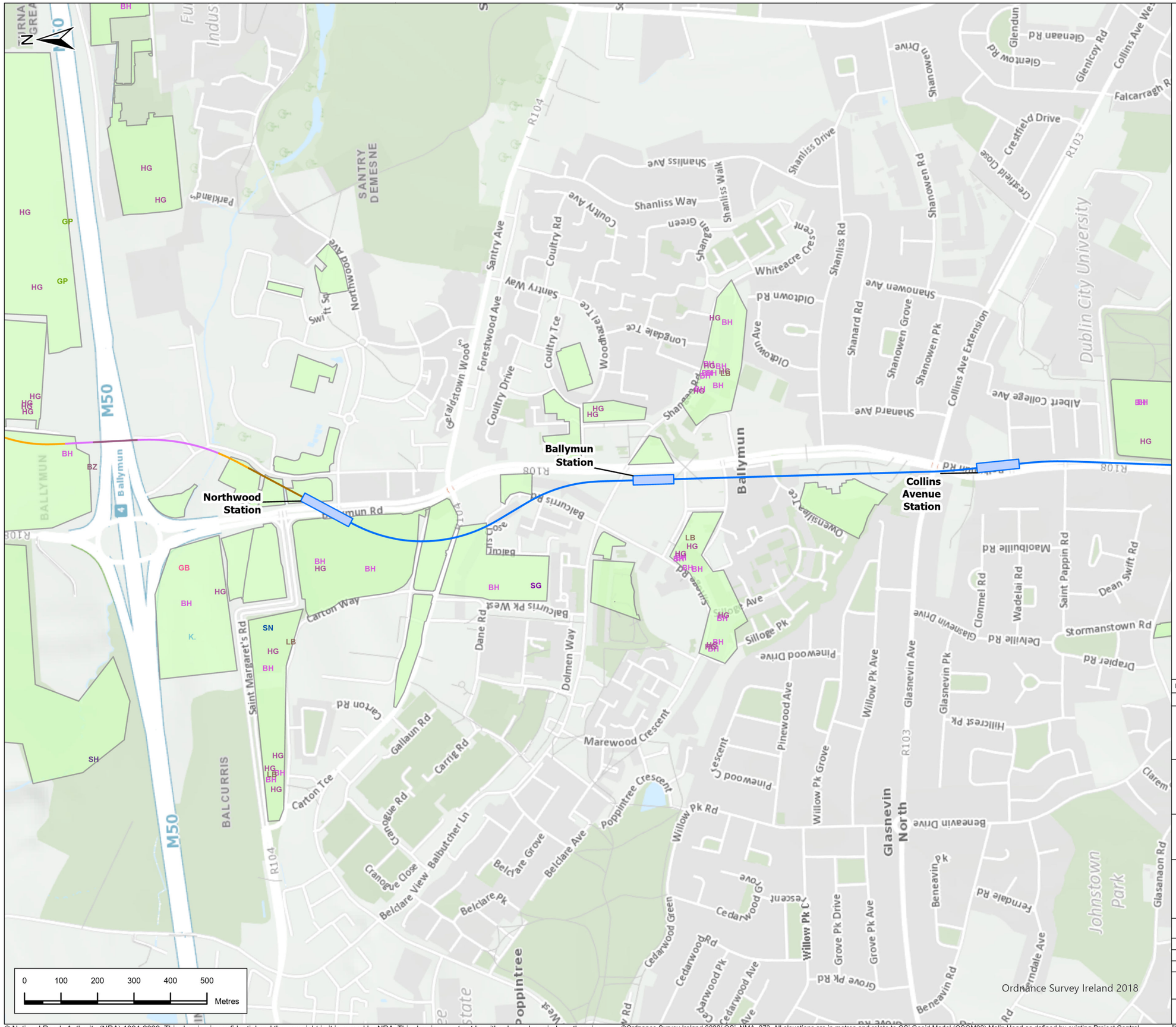
Scale @ A3	1:10,000	DO NOT SCALE
Jacobs No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-16139	Rev P02

This drawing is not to be used in whole in or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Path: \\europe.jacobs.com\Dublin\Data\JI\Sustainable Solutions\Metro North\11 - Mapping\Working\EIAR_Drawings\CH 15 - Fig 15.10 Wintering bird survey results.aprx



Legend

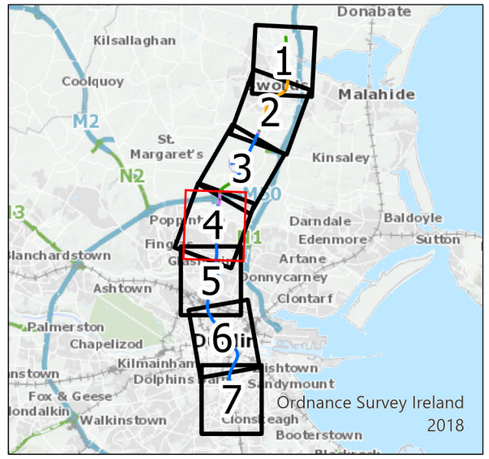
Alignment

- Cut & Cover
- Incline
- Retained Cut
- Tunnel
- Viaduct
- Station Locations
- Wintering Birds Survey Area

Wintering Birds

Label, Common Name

- BH,Black-headed gull
- BZ,Buzzard
- GB,Great black-backed gull
- GP,Golden plover
- HG,Herring gull
- K.,Kestrel
- LB,Lesser black-backed gull
- SG,Starling
- SH,Sparrowhawk
- SN,Snipe
- Y.,Yellowhammer



Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P02	31/5/22	Final Issue	GL	RH	RH	NC

Client: Bonneagar Iompair Eireann, Transport Infrastructure Ireland

Project: METROLINK

Drawing Title: Figure 15.10 Wintering Bird Survey Results Sheet 4 of 7

Drawing Status: FINAL

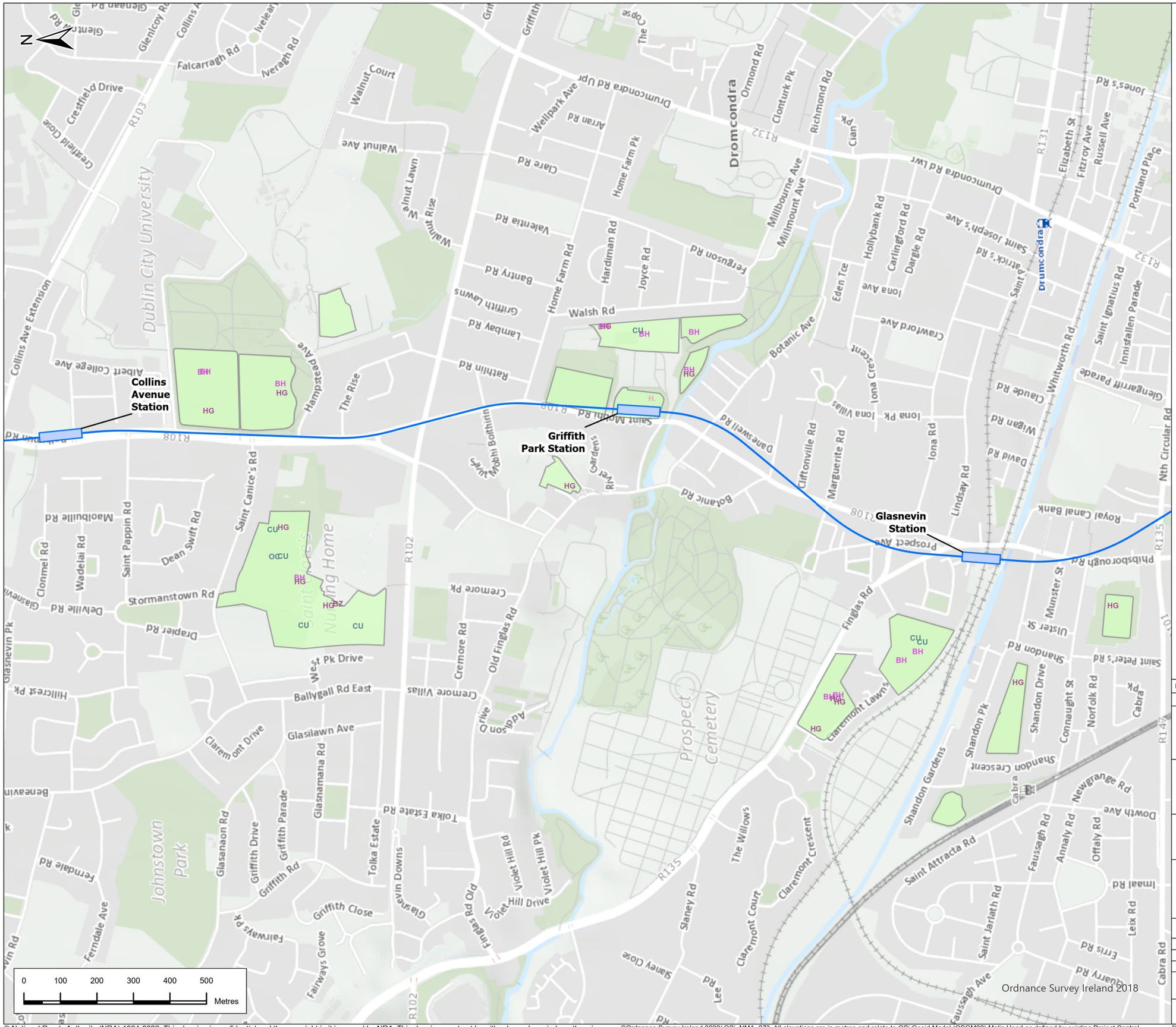
Scale @ A3	1:10,000	DO NOT SCALE
Jacobs No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-16140	Rev P02

This drawing is not to be used in whole in or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Path: \\europe.jacobs.com\Dublin\Data\JI\Sustainable Solutions\Metro North\11 - Mapping\Working\EIAR_Drawings\CH 15 - Fig 15.10 Wintering bird survey results.aprx



Legend

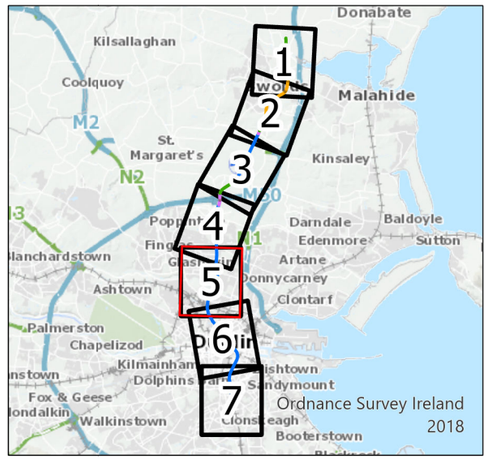
Alignment

- Tunnel
- Station Locations
- Wintering Birds Survey Area

Wintering Birds

Label, Common Name

- BH,Black-headed gull
- BZ,Buzzard
- CU,Curlew
- H.,Grey heron
- HG,Herring gull
- OC,Oystercatcher



Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P02	31/5/22	Final Issue	GL	RH	RH	NC

JACOBS IDOM

Client: TII Bonneagar Iompair Éireann Transport Infrastructure Ireland

Project: METROLINK

Drawing Title: Figure 15.10 Wintering Bird Survey Results Sheet 5 of 7

Drawing Status: FINAL

Scale @ A3	1:10,000	DO NOT SCALE
Jacobs No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-16141	Rev P02

This drawing is not to be used in whole in or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

Path: \\europe.jacobs.com\Dublin\Data\IT\Sustainable Solutions\Metro North\11 - Mapping\Working\EIAR_Drawings\CH 15 - Fig 15.10 Wintering bird survey results.aprx

© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Tara Station

St Stephen's Green Station

O'Connell St Station

Mater Station

Glasnevin Station

0 100 200 300 400 500 Metres

Ordnance Survey Ireland 2018

Legend

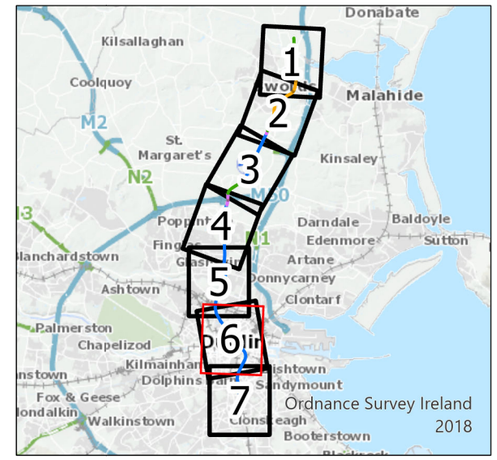
Alignment

- Tunnel
- Station Locations
- Wintering Birds Survey Area

Wintering Birds

Label, Common Name

- BH,Black-headed gull
- CO,Coot
- CT,Coot
- HG,Herring gull
- LB,Lesser black-backed gull
- MA,Mallard
- MH,Moorhen
- MN,Mandarin duck
- MS,Mute swan
- TD,Tufted duck
- TU,Tufted duck



Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P02	31/5/22	Final Issue	GL	RH	RH	NC

JACOBS IDOM

Client: Transport Infrastructure Ireland (Bonneagar Iompair Éireann)

Project: METROLINK

Drawing Title

Figure 15.10 Wintering Bird Survey Results
Sheet 6 of 7

Drawing Status: FINAL

Scale @ A3	1:10,000	DO NOT SCALE
Jacobs No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-16142	Rev P02

This drawing is not to be used in whole in or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Path: \\europe.jacobs.com\Dublin\Data\JI\Sustainable Solutions\Metro North\11 - Mapping\Working\EIAR_Drawings\CH 15 - Fig 15.10 Wintering bird survey results.aprx

St Stephen's Green Station

Charlemont Station

0 100 200 300 400 500 Metres

Ordnance Survey Ireland 2018

Legend

Alignment

Tunnel

Station Locations

Wintering Birds Survey Area

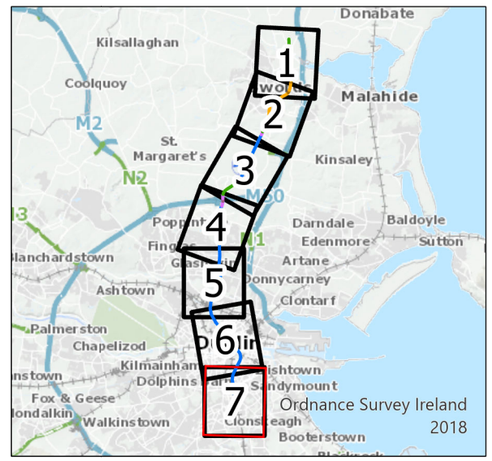
Wintering Birds

Label, Common Name

BH,Black-headed gull

HG,Herring gull

OC,Oystercatcher



Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
P02	31/5/22	Final Issue	GL	RH	RH	NC

JACOBS IDOM

Client: Bonneagar Iompair Éireann Transport Infrastructure Ireland

Project: METROLINK

Drawing Title

Figure 15.10 Wintering Bird Survey Results
Sheet 7 of 7

Drawing Status: FINAL

Scale @ A3	1:10,000	DO NOT SCALE
Jacobs No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-16143	Rev P02

This drawing is not to be used in whole in or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Path: \\europe.jacobs.com\Dublin\Data\JI\Sustainable Solutions\Metro North\11 - Mapping\Working\EIAR_Drawings\Ch 15 - Fig 15.10 Wintering bird survey results.aprx