

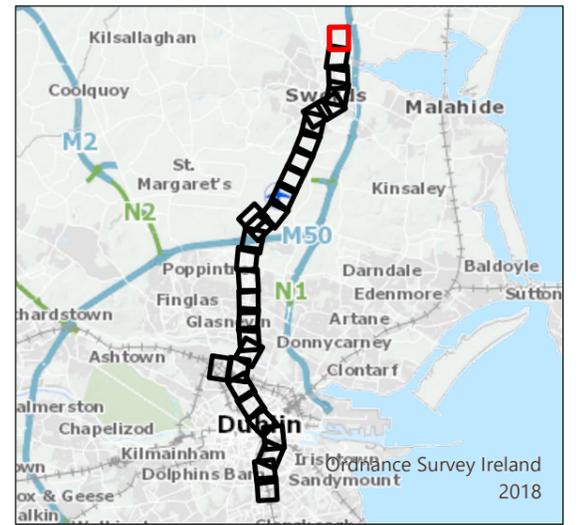
### Legend

#### Alignment

- Surface
- Viaduct
- Station Locations
- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

Client  
**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**METROLINK**

Drawing Title  
**Figure 13.3 Operational Noise Assessment  
Day Time  
Sheet 1 of 30**

Drawing Status  
**FINAL**

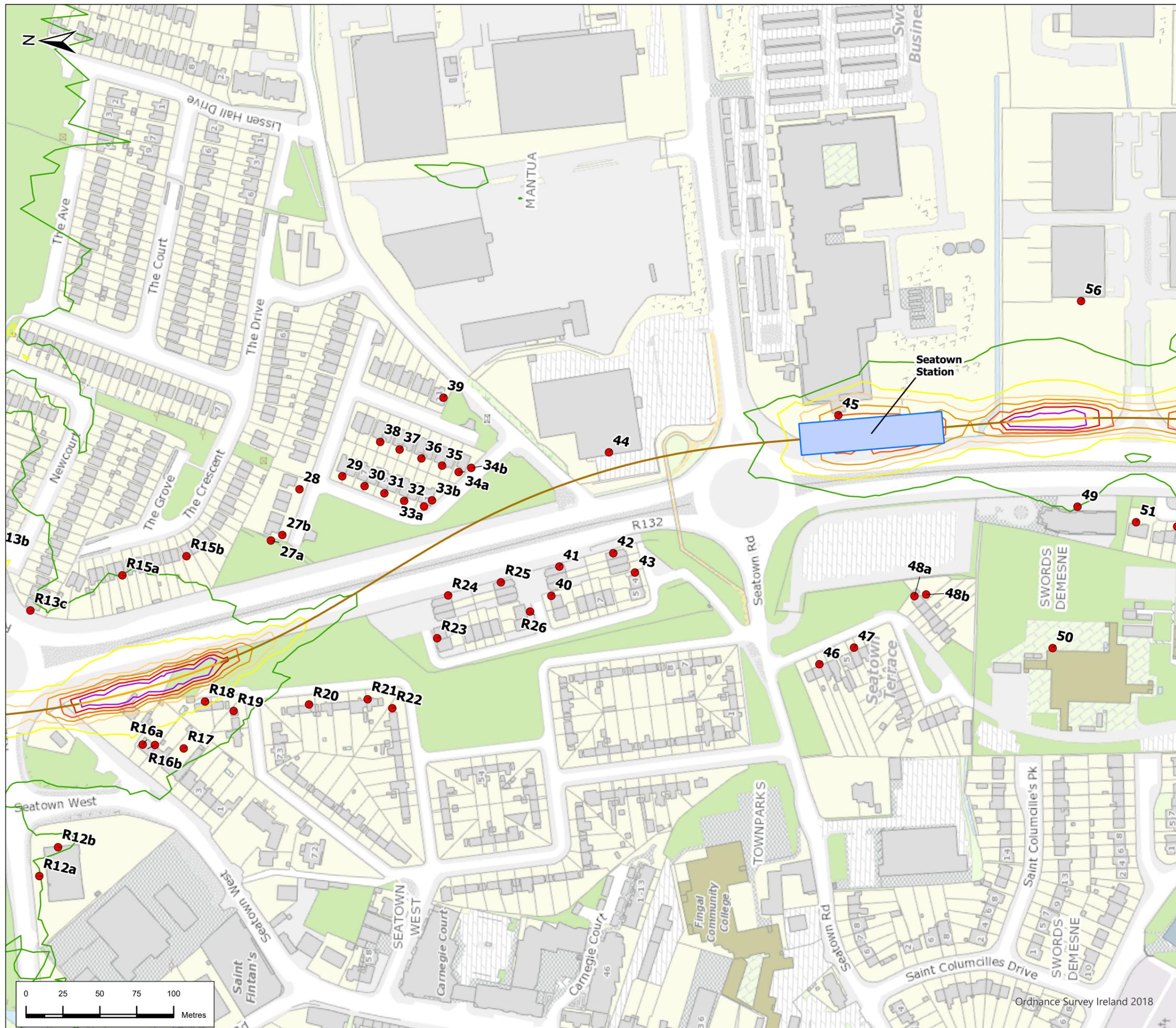
Scale @ A3  
1:2,500  
DO NOT SCALE

Jacobs No. 32108600  
Client No.

Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13041** Rev **P02**

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





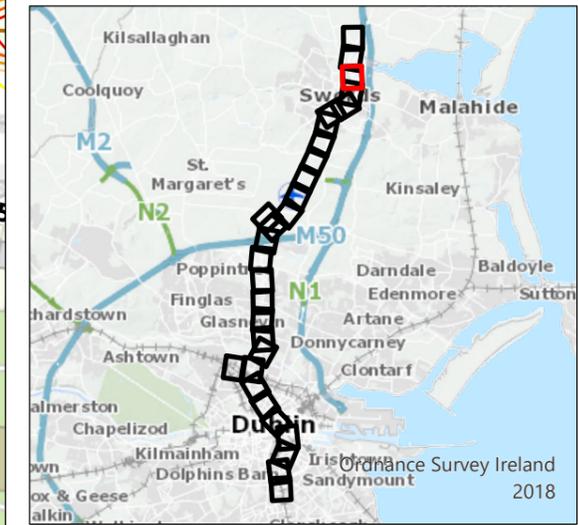
### Legend

#### Alignment

- Cut & Cover
- Retained Cut
- Station Locations
- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

**METROLINK**

Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
Day Time  
Sheet 3 of 30

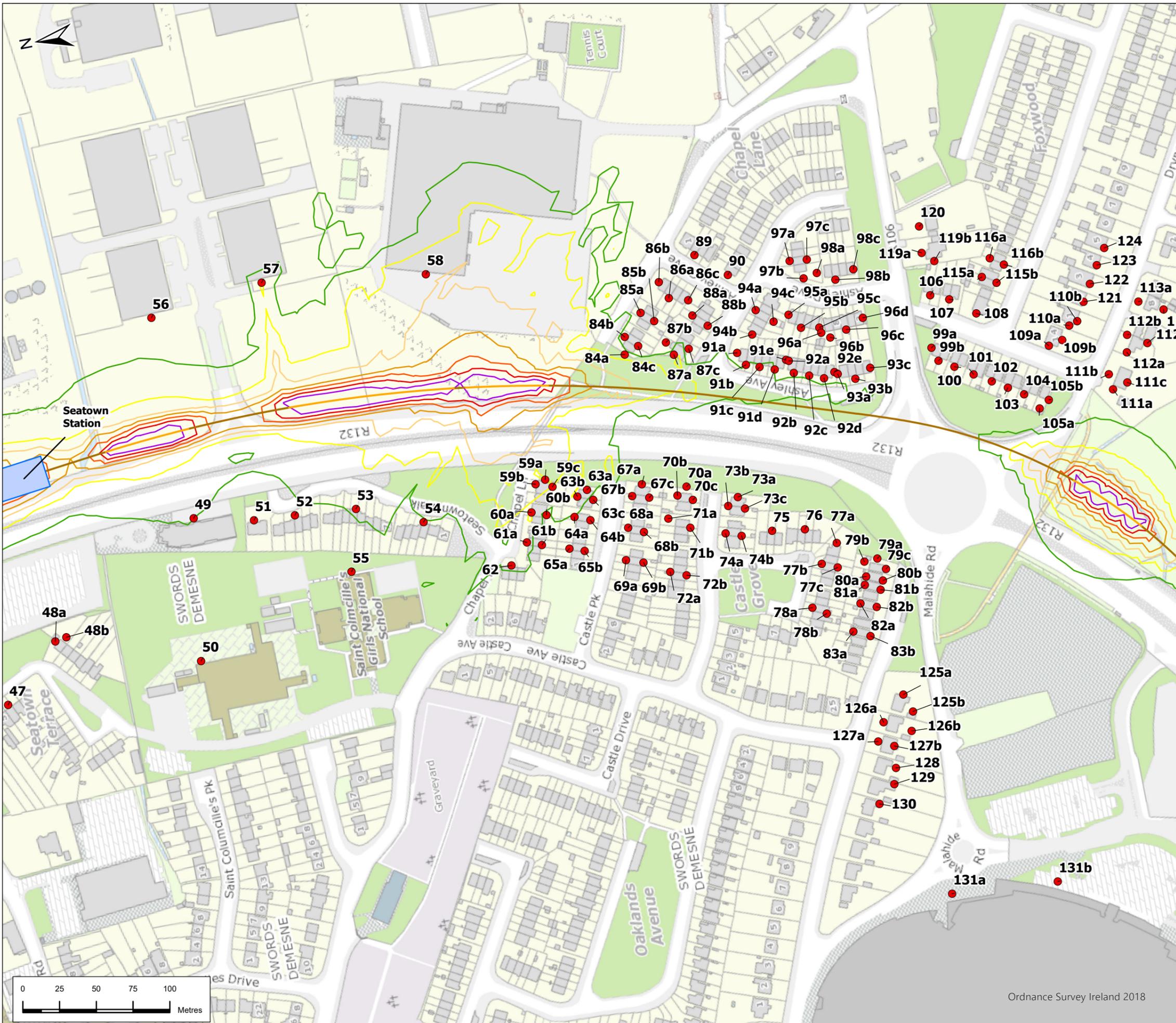
Drawing Status: **FINAL** DO NOT SCALE

Scale @ A3: 1:2,500

Jacobs No.: 32108600

Drawing No.: **ML1-JAI-EIA-ROUT-XX-DR-Y-13043** Rev **P02**

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



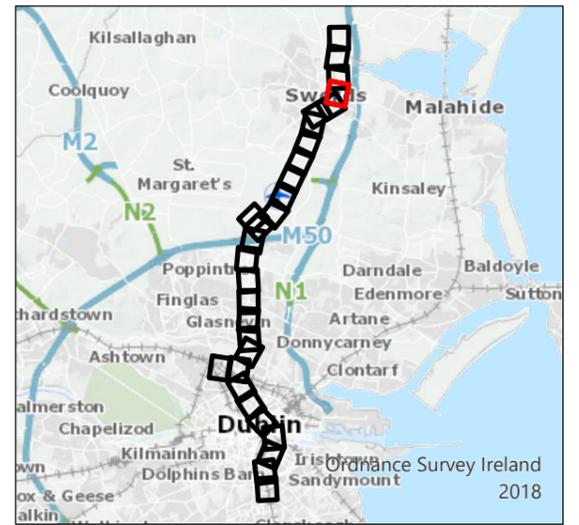
### Legend

#### Alignment

- Cut & Cover
- Retained Cut
- Station Locations
- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

**METROLINK**

Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
Day Time  
Sheet 4 of 30

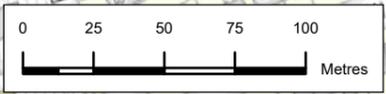
Drawing Status  
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Scale @ A3  
1:2,500  
DO NOT SCALE

Jacobs No. 32108600  
Client No.  
Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13044**

Rev  
**P02**

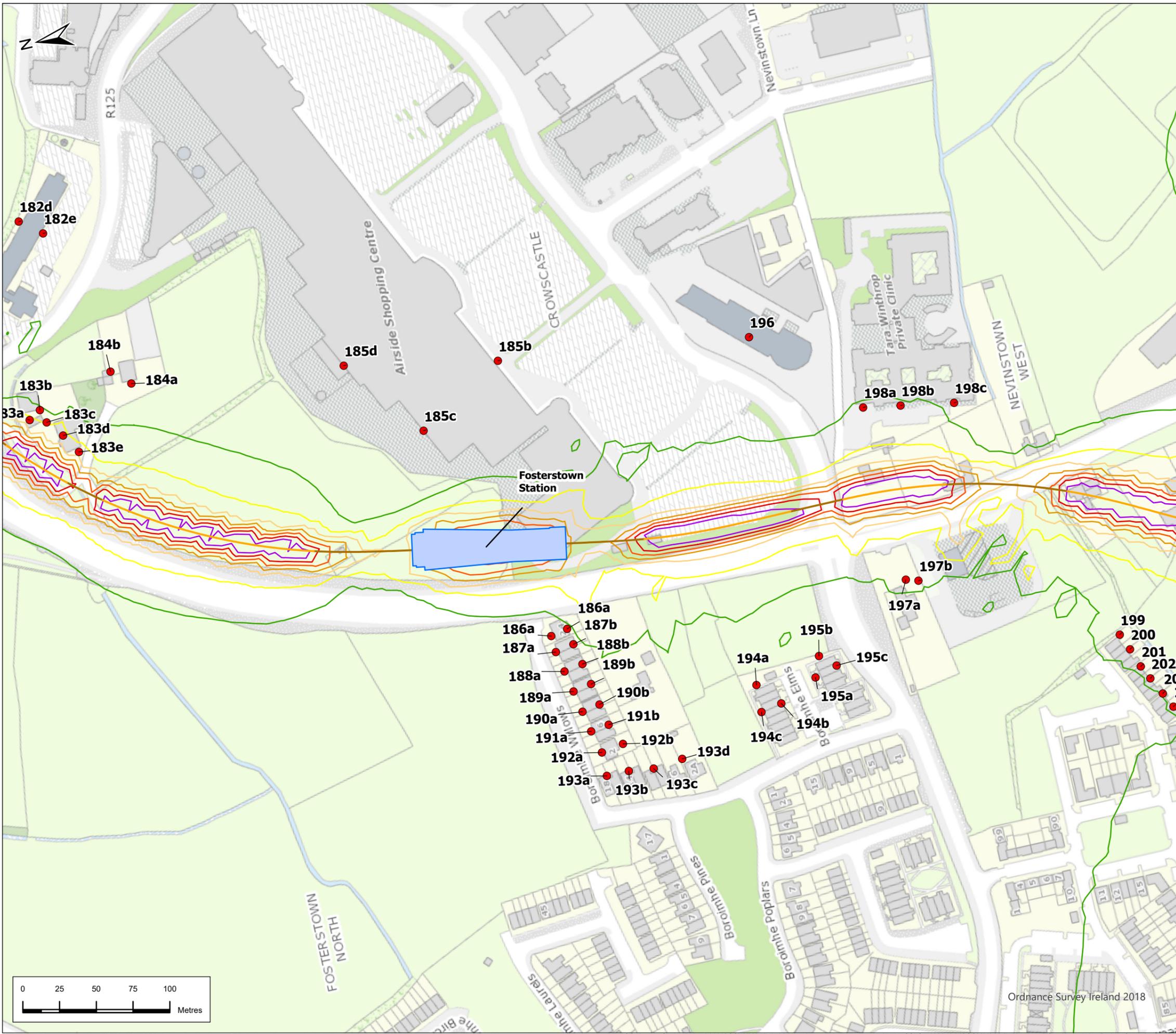
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.



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### Legend

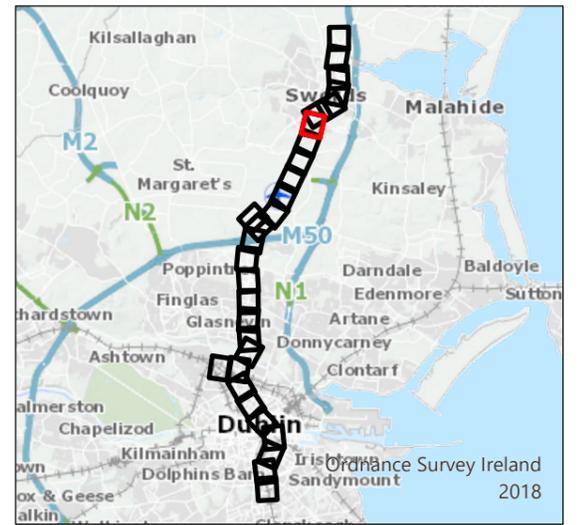
#### Alignment

- Cut & Cover
- Retained Cut
- Station Locations

- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



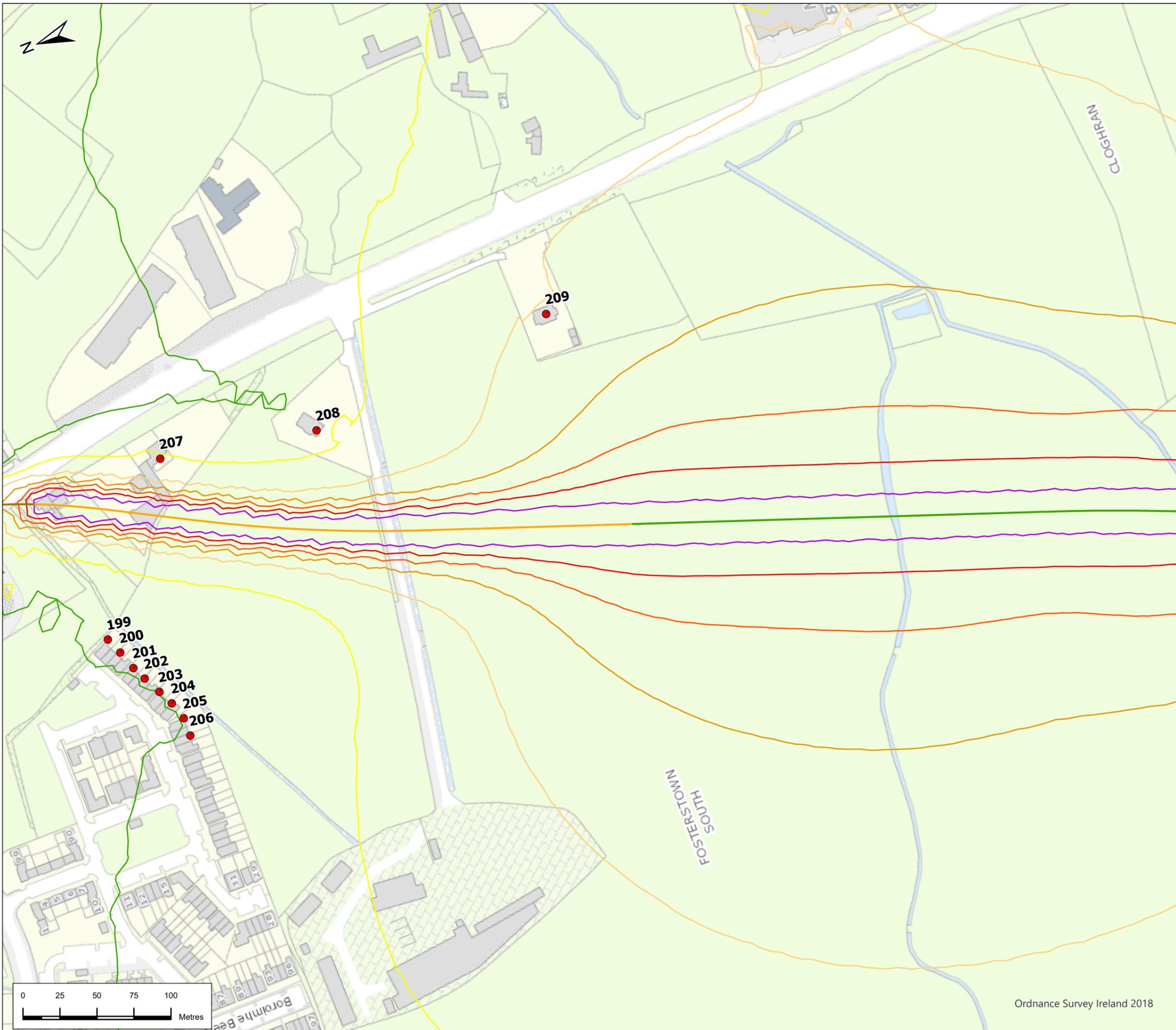
P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
 Day Time  
 Sheet 7 of 30

Drawing Status	FINAL	
Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT-XX-DR-Y-13047	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.



### Legend

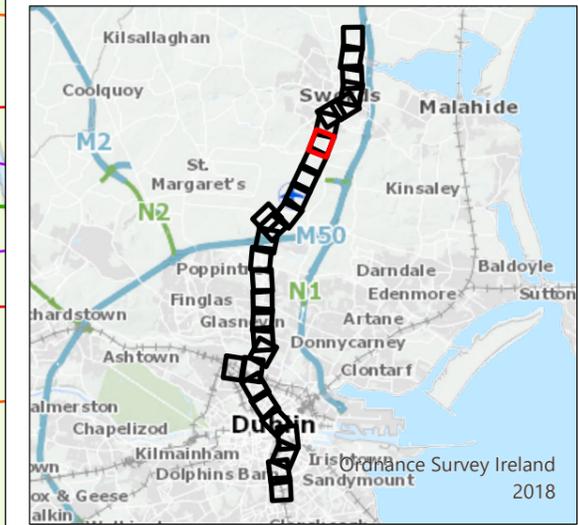
#### Alignment

- Cut & Cover
- Retained Cut
- Surface
- Station Locations

- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



Rev.	Date	Purpose of revision	GL	RH	RH	NC
P02	28/6/22	Final Issue				



Client

Project

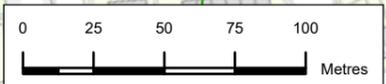
Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
 Day Time  
 Sheet 8 of 30

Drawing Status  
**FINAL**

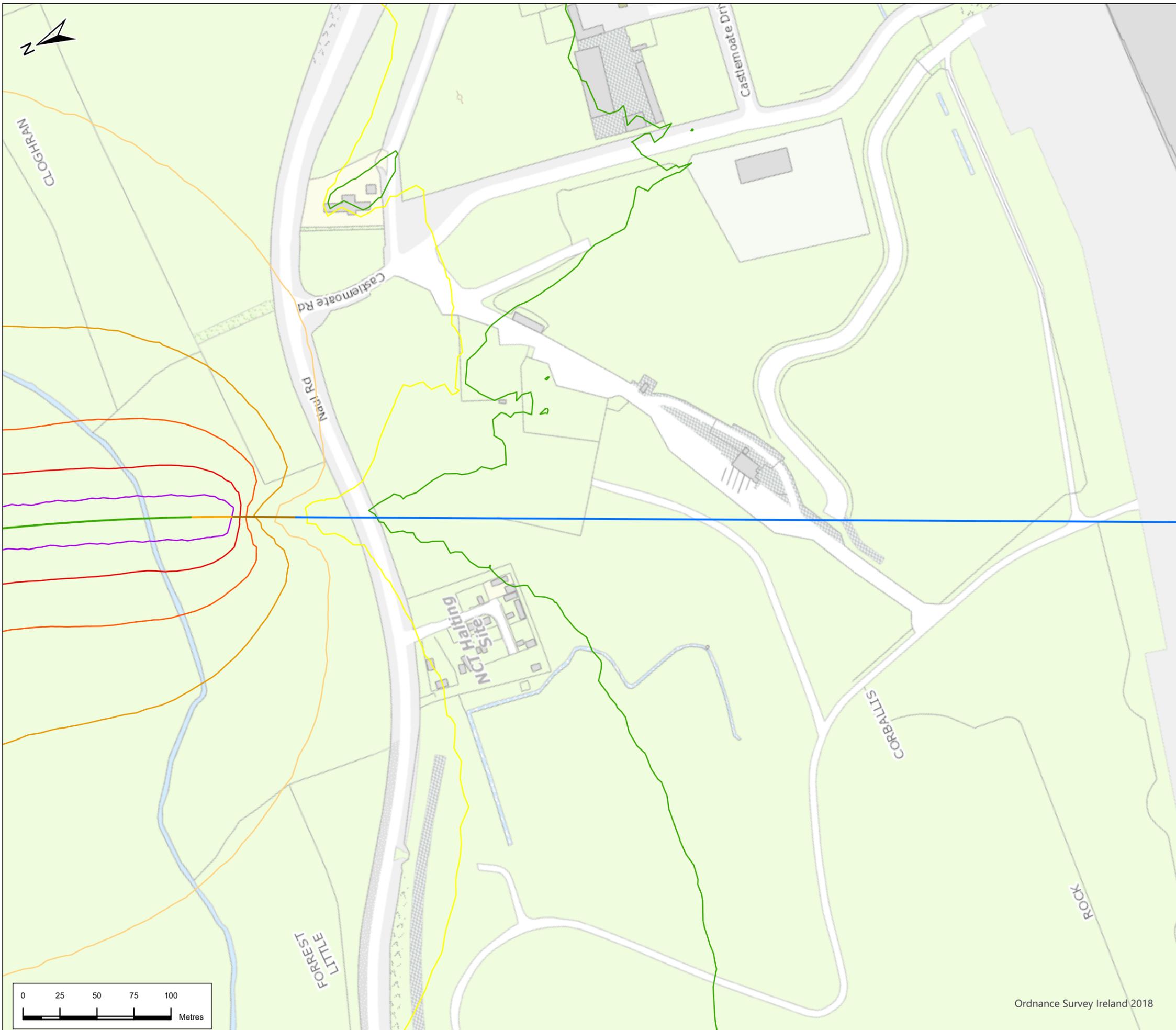
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Jacobs No.: 32108600  
 Client No.:  
 Drawing No.: **ML1-JAI-EIA-ROUT-XX-DR-Y-13048** Rev **P02**

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.



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### Legend

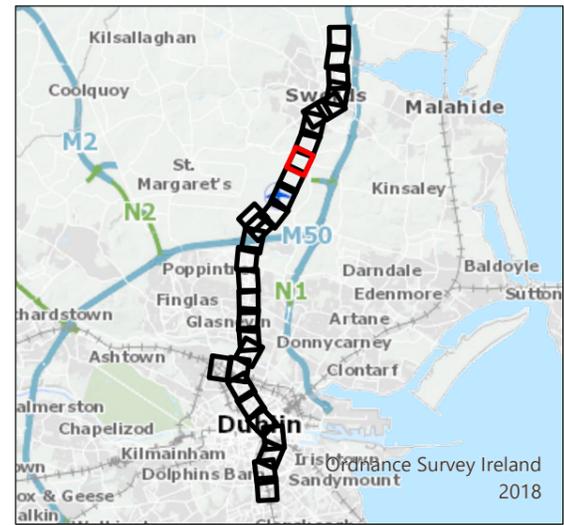
#### Alignment

- Cut & Cover
- Retained Cut
- Surface
- Tunnel
- Station Locations

- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
 Day Time  
 Sheet 9 of 30

Drawing Status  
**FINAL**

Scale @ A3  
 1:2,500 DO NOT SCALE

Jacobs No. 32108600  
 Client No.

Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13049** 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.



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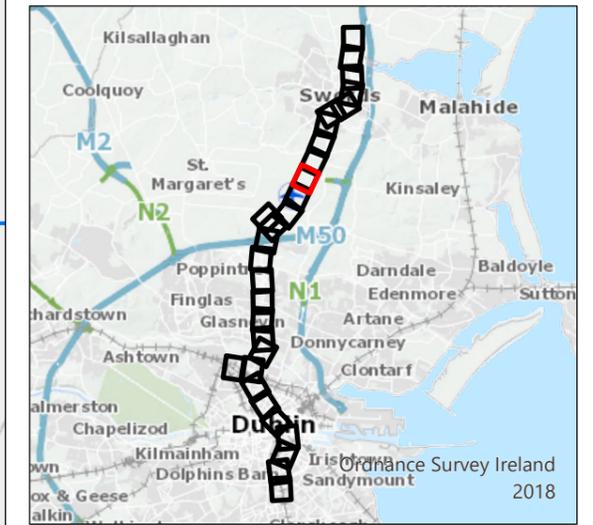
### Legend

#### Alignment

- Tunnel
- Station Locations
- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
 Day Time  
 Sheet 10 of 30

Drawing Status  
**FINAL**

Scale @ A3  
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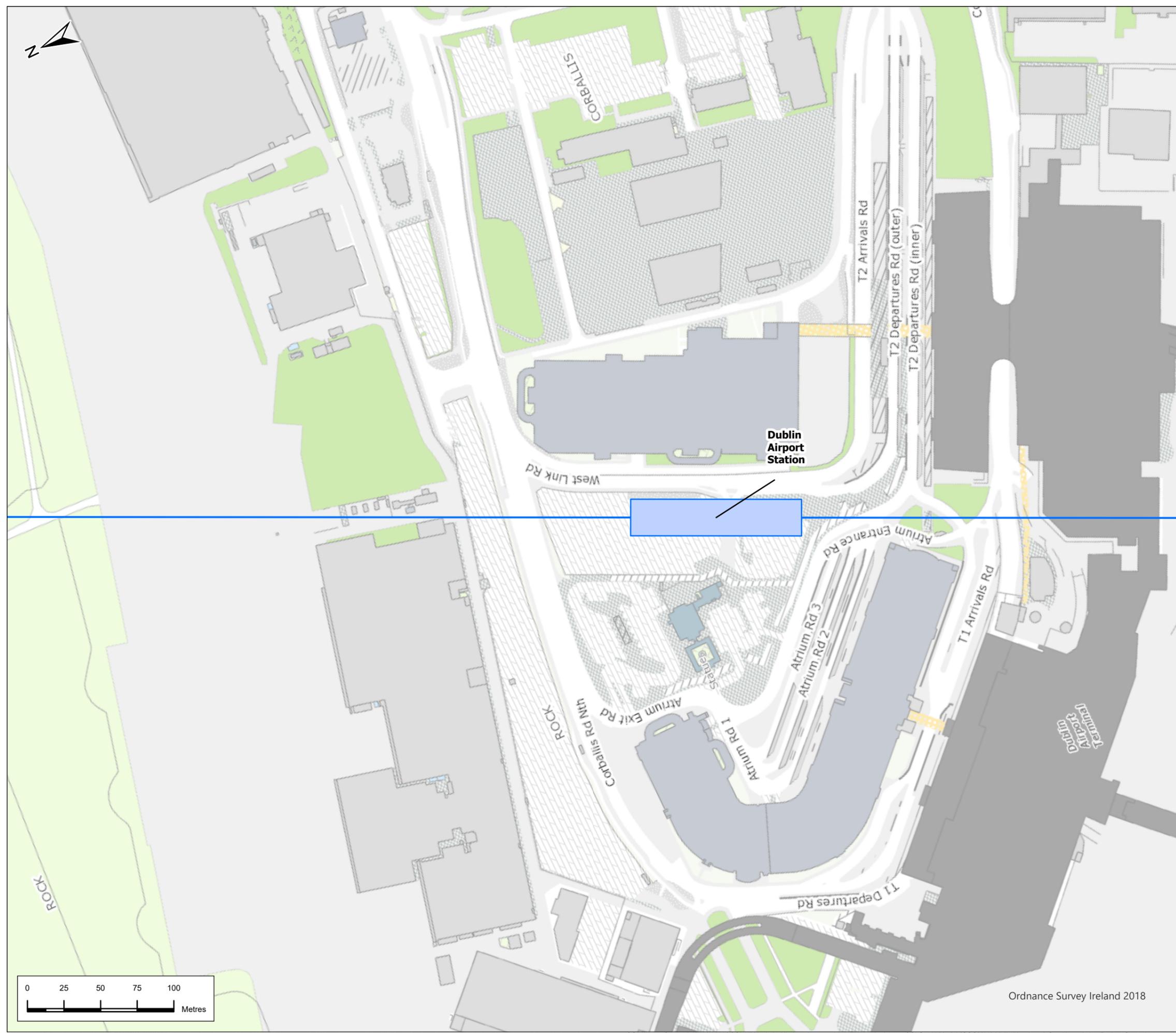
Jacobs No. 32108600  
 Client No.

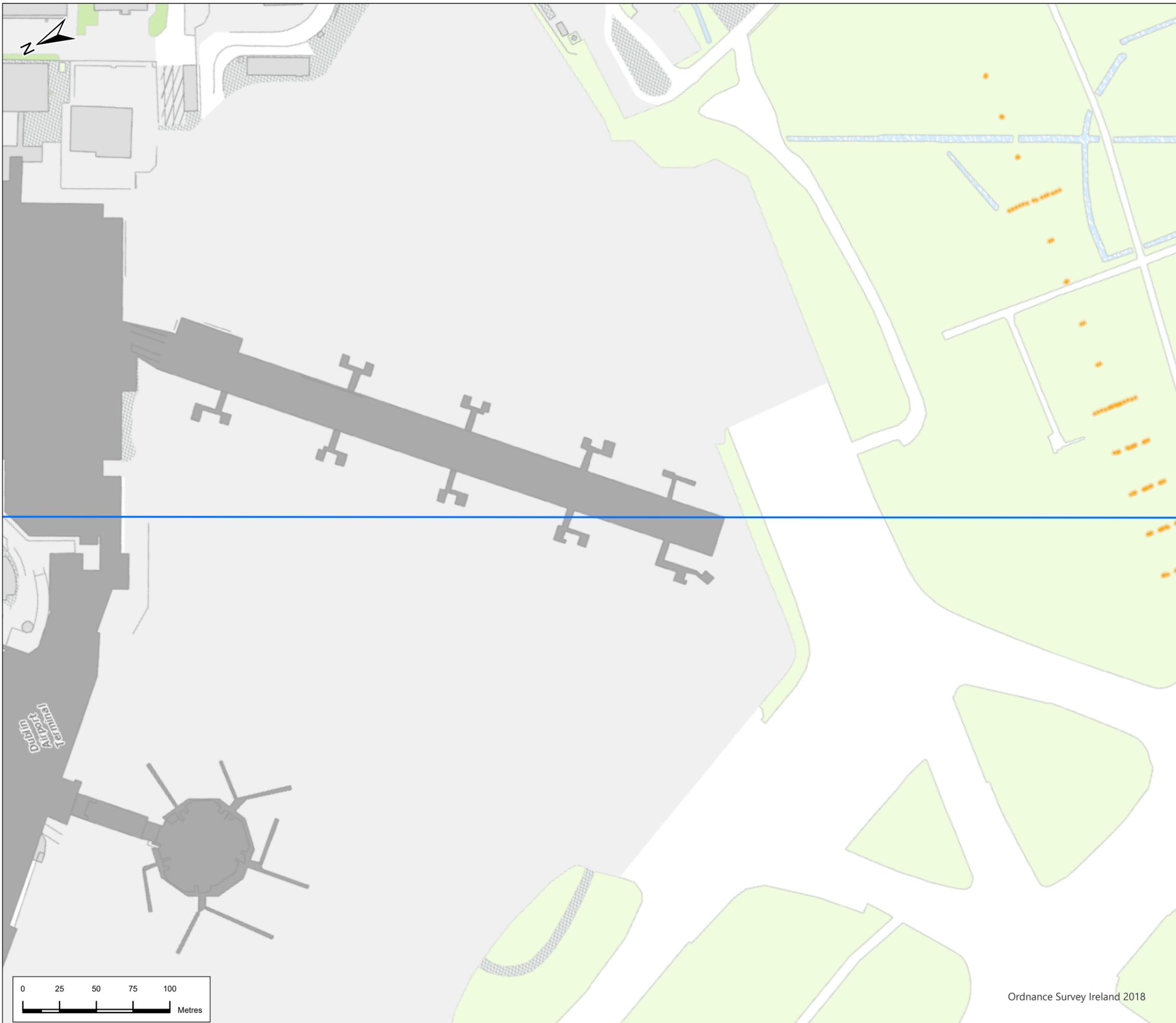
Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13050** Rev **P02**

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



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### Legend

**Alignment**

- Tunnel
- Station Locations
- Overground Rail Receivers

**Rail Noise Contours (Day Time LAeq,16hr)**

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Drawing Title  
**Figure 13.3 Operational Noise Assessment  
 Day Time  
 Sheet 11 of 30**

Drawing Status  
**FINAL**

Scale @ A3  
 1:2,500 DO NOT SCALE

Jacobs No. 32108600  
 Client No.  
 Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13051** 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.



### Legend

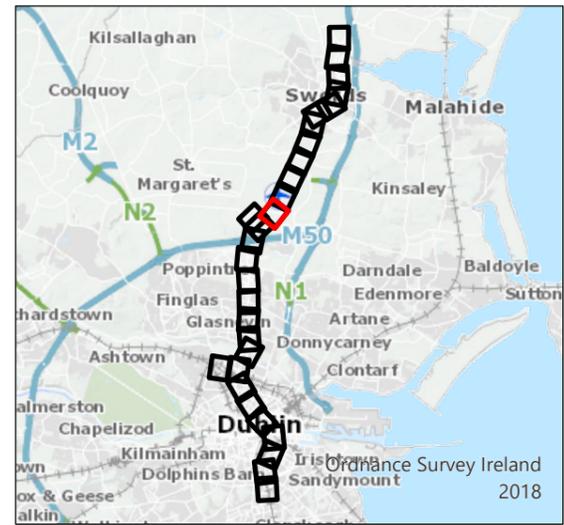
#### Alignment

- Cut & Cover
- Retained Cut
- Surface
- Tunnel
- Station Locations
- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB

Dardistown Depot



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

Client  
**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**METROLINK**

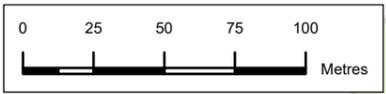
Drawing Title  
**Figure 13.3 Operational Noise Assessment  
Day Time  
Sheet 12 of 30**

Drawing Status  
**FINAL**

Scale @ A3  
1:2,500  
DO NOT SCALE

Jacobs No. 32108600  
Client No.  
Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13052** 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.



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# Legend

## Alignment

- Cut & Cover
- Incline
- Retained Cut
- Viaduct
- Station Locations
- Overground Rail Receivers

## Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
 Day Time  
 Sheet 15 of 30

Drawing Status: **FINAL**

Scale @ A3: 1:2,500 DO NOT SCALE

Jacobs No. 32108600

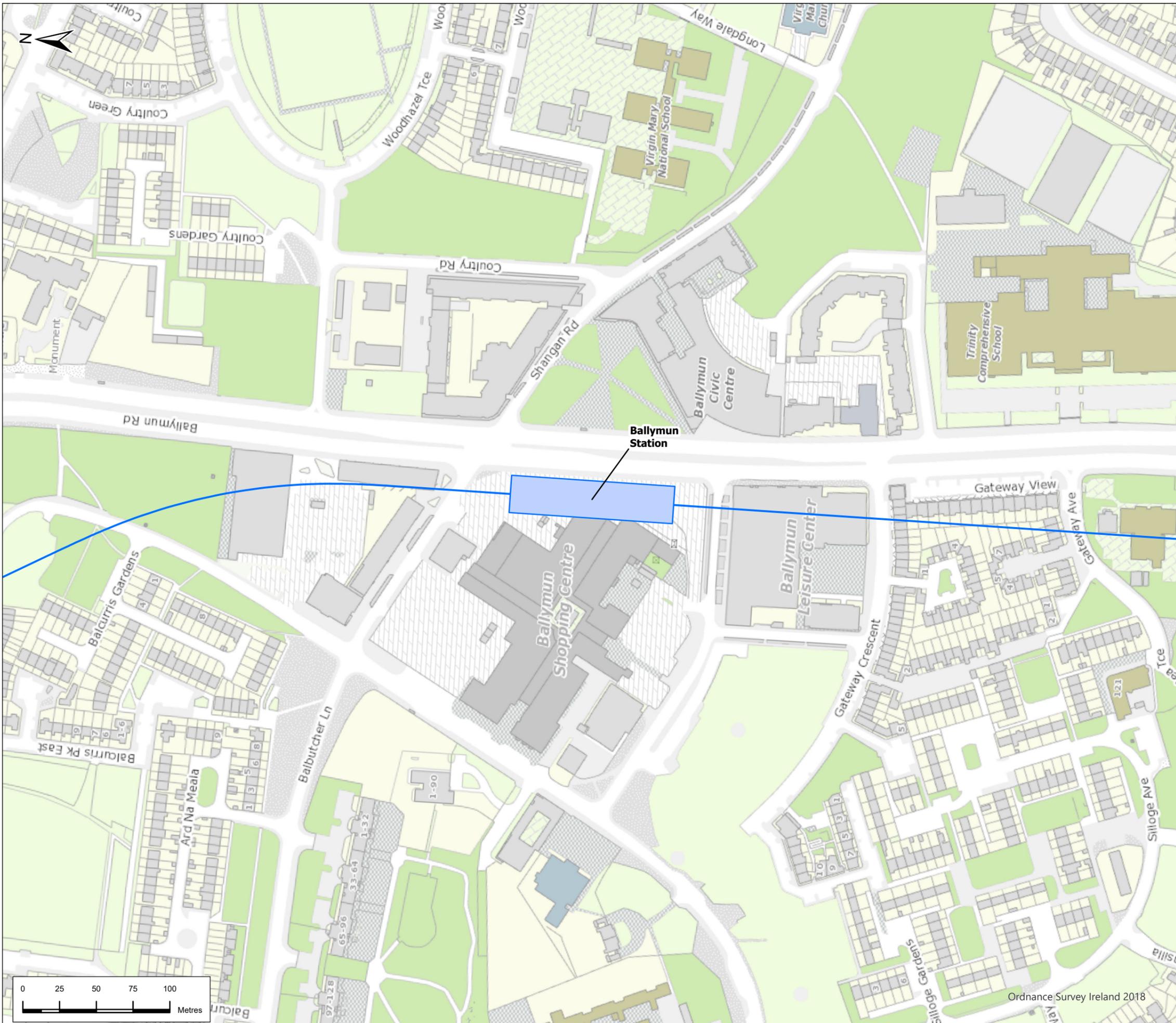
Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13055** Rev **P02**

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.



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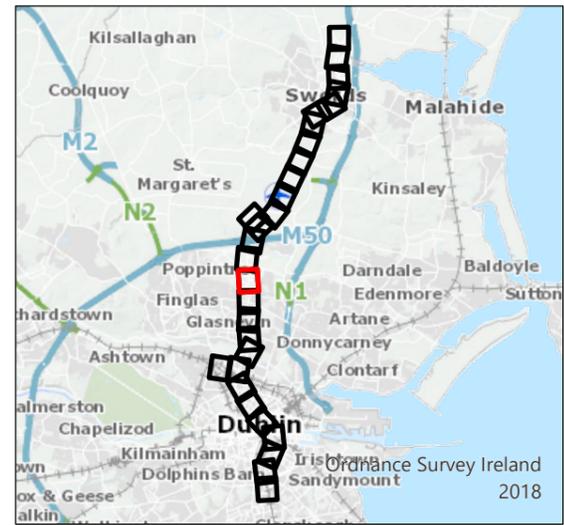
### Legend

#### Alignment

- Tunnel
- Station Locations
- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

Client  
**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**METROLINK**

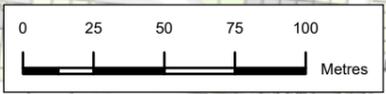
Drawing Title  
**Figure 13.3 Operational Noise Assessment  
Day Time  
Sheet 17 of 30**

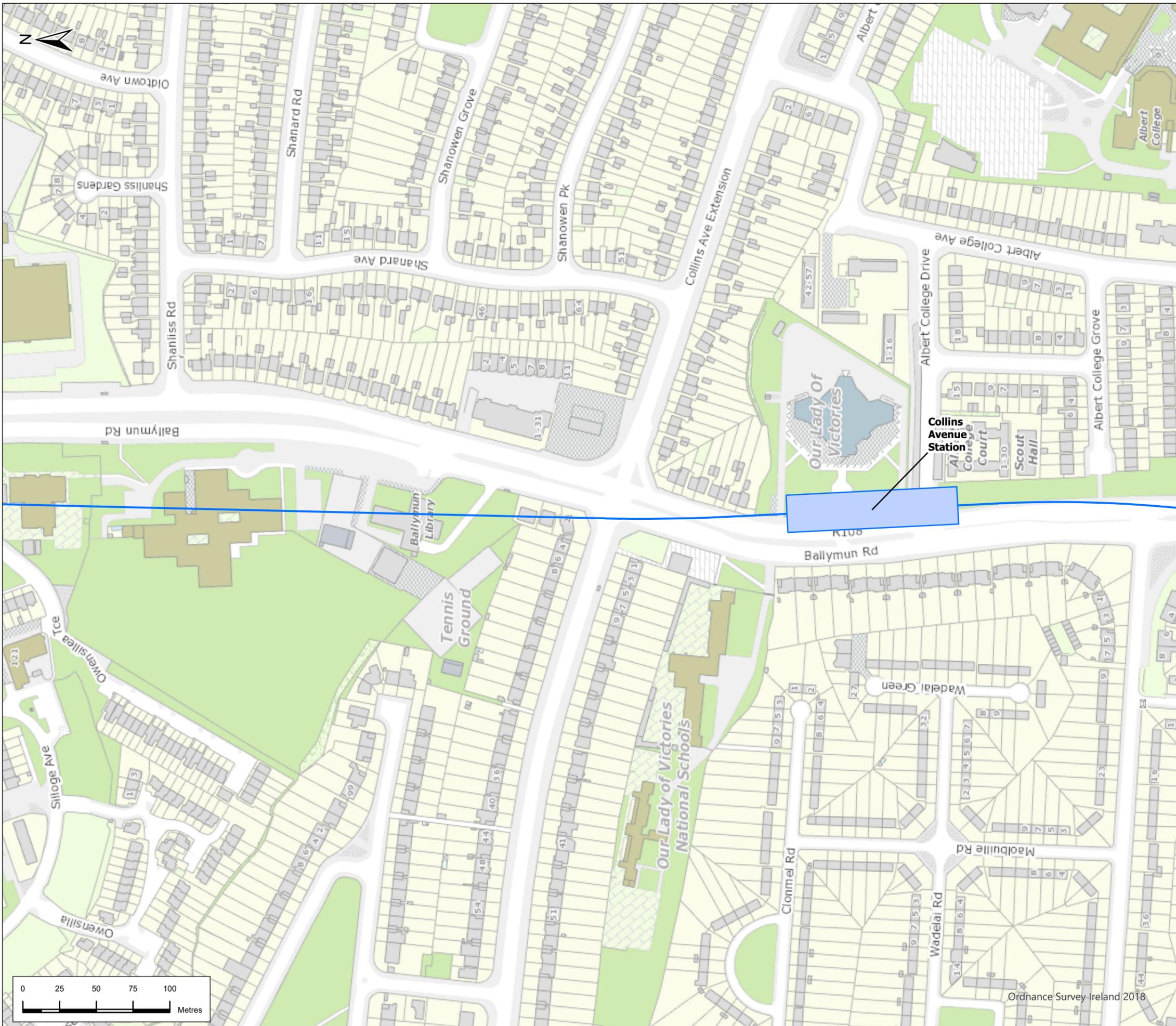
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Scale @ A3: 1:2,500 DO NOT SCALE

Jacobs No.: 32108600  
Client No.:  
Drawing No.: **ML1-JAI-EIA-ROUT-XX-DR-Y-13057** 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.





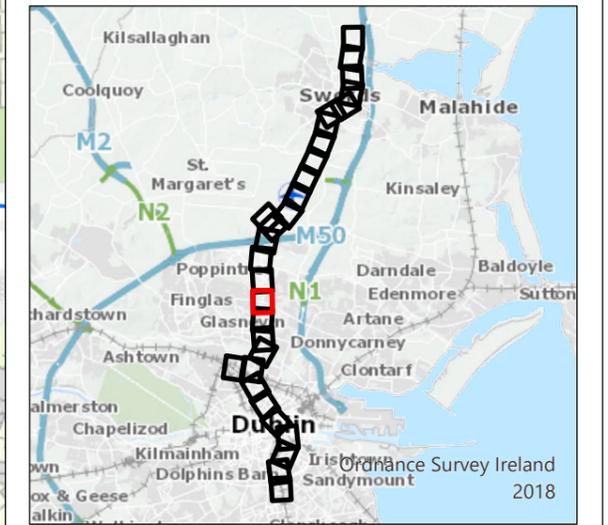
### Legend

**Alignment**

- Tunnel
- Station Locations
- Overground Rail Receivers

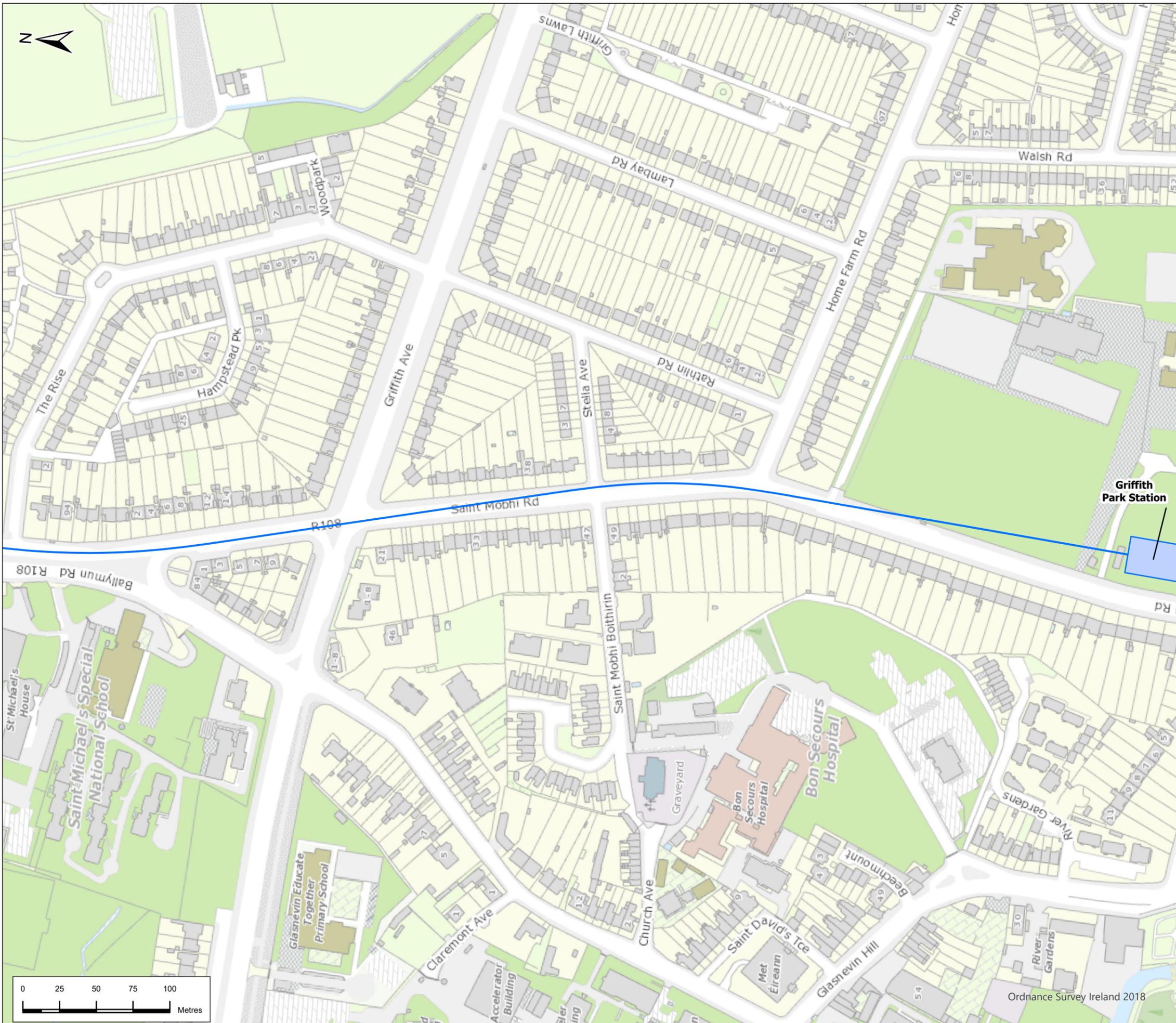
**Rail Noise Contours (Day Time LAeq,16hr)**

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
<b>JACOBS</b> <b>IDOM</b>						
Client			<b>TII</b> Bonnegar Iompar Eireann Transport Infrastructure Ireland			
Project			<b>METROLINK</b>			
Drawing Title			Figure 13.3 Operational Noise Assessment Day Time Sheet 18 of 30			
Drawing Status			FINAL			
Scale @ A3		1:2,500	DO NOT SCALE			
Jacobs No.		32108600				
Client No.						
Drawing No.		ML1-JAI-EIA-ROUT-XX-DR-Y-13058	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.						





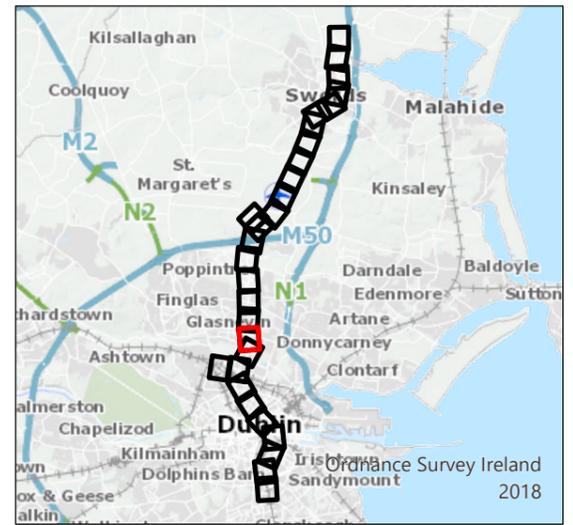
### Legend

#### Alignment

-  Tunnel
-  Station Locations
-  Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

-  40-45dB
-  45-50dB
-  50-55dB
-  55-60dB
-  60-65dB
-  65-70dB
-  70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
 Day Time  
 Sheet 20 of 30

Drawing Status: **FINAL**

Scale @ A3: 1:2,500 DO NOT SCALE

Jacobs No. 32108600

Client No.

Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13060** 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.



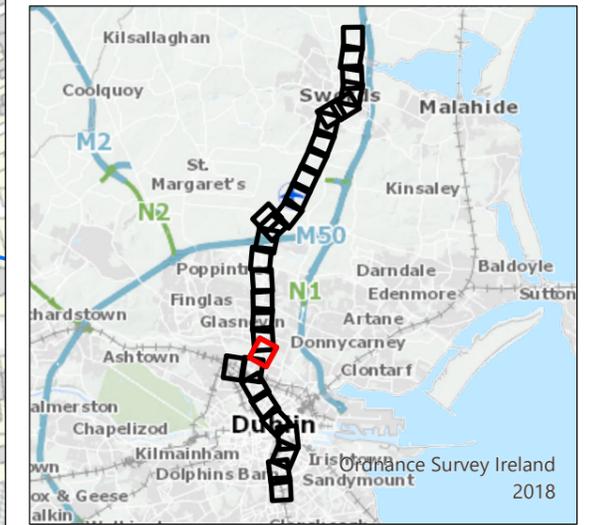
### Legend

#### Alignment

- Tunnel
- Station Locations
- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

Client  
**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**METROLINK**

Drawing Title  
**Figure 13.3 Operational Noise Assessment  
Day Time  
Sheet 21 of 30**

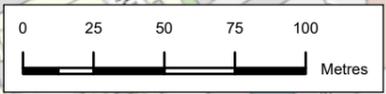
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Scale @ A3: 1:2,500 DO NOT SCALE

Jacobs No.: 32108600

Drawing No.: **ML1-JAI-EIA-ROUT-XX-DR-Y-13061** 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.



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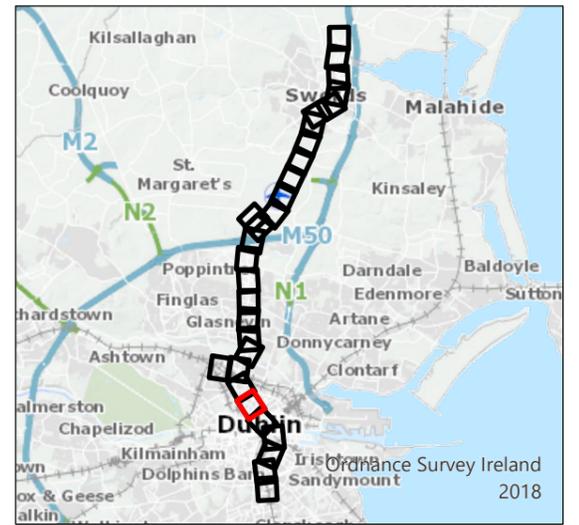
### Legend

#### Alignment

-  Tunnel
-  Station Locations
-  Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

-  40-45dB
-  45-50dB
-  50-55dB
-  55-60dB
-  60-65dB
-  65-70dB
-  70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

Client  
**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**METROLINK**

Drawing Title  
**Figure 13.3 Operational Noise Assessment  
Day Time  
Sheet 25 of 30**

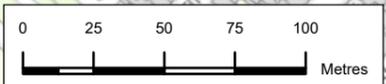
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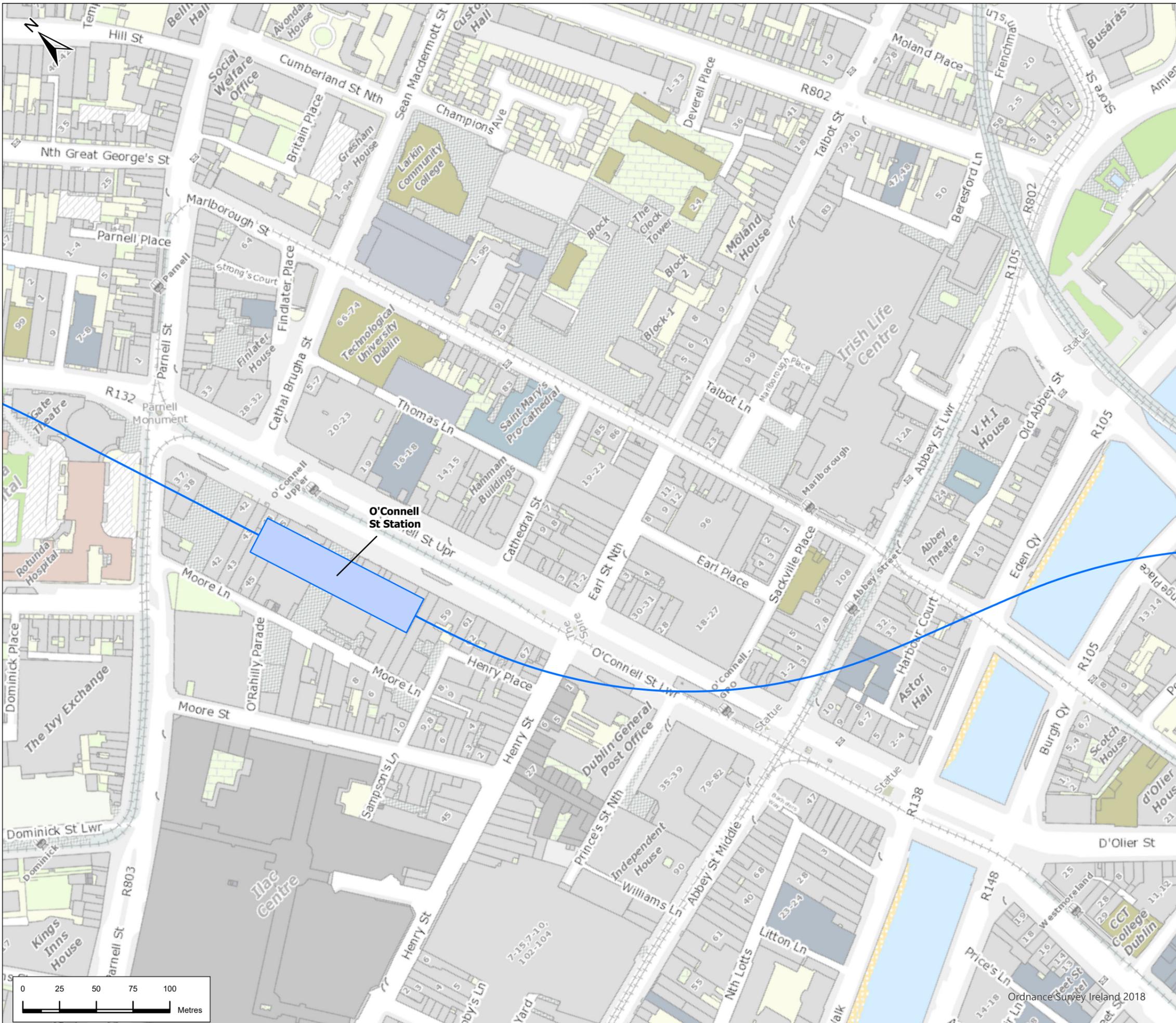
Scale @ A3  
1:2,500  
DO NOT SCALE

Jacobs No. 32108600  
Client No.

Drawing No. **ML1-JAI-EIA-ROUT-XX-DR-Y-13065** 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.





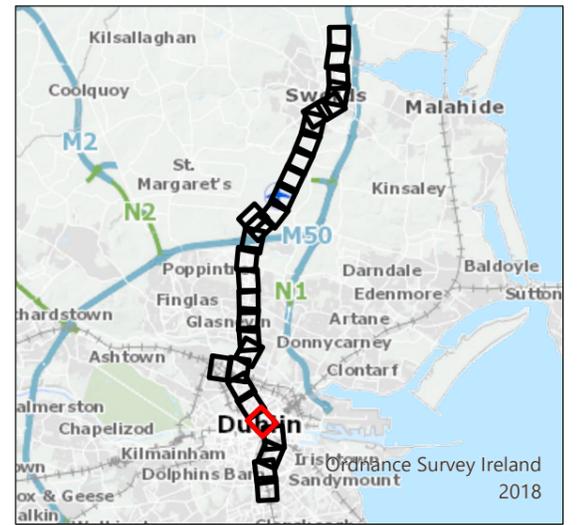
### Legend

#### Alignment

- Tunnel
- Station Locations
- Overground Rail Receivers

#### Rail Noise Contours (Day Time LAeq,16hr)

- 40-45dB
- 45-50dB
- 50-55dB
- 55-60dB
- 60-65dB
- 65-70dB
- 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

**METROLINK**

Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
Day Time  
Sheet 26 of 30

Drawing Status  
**FINAL**

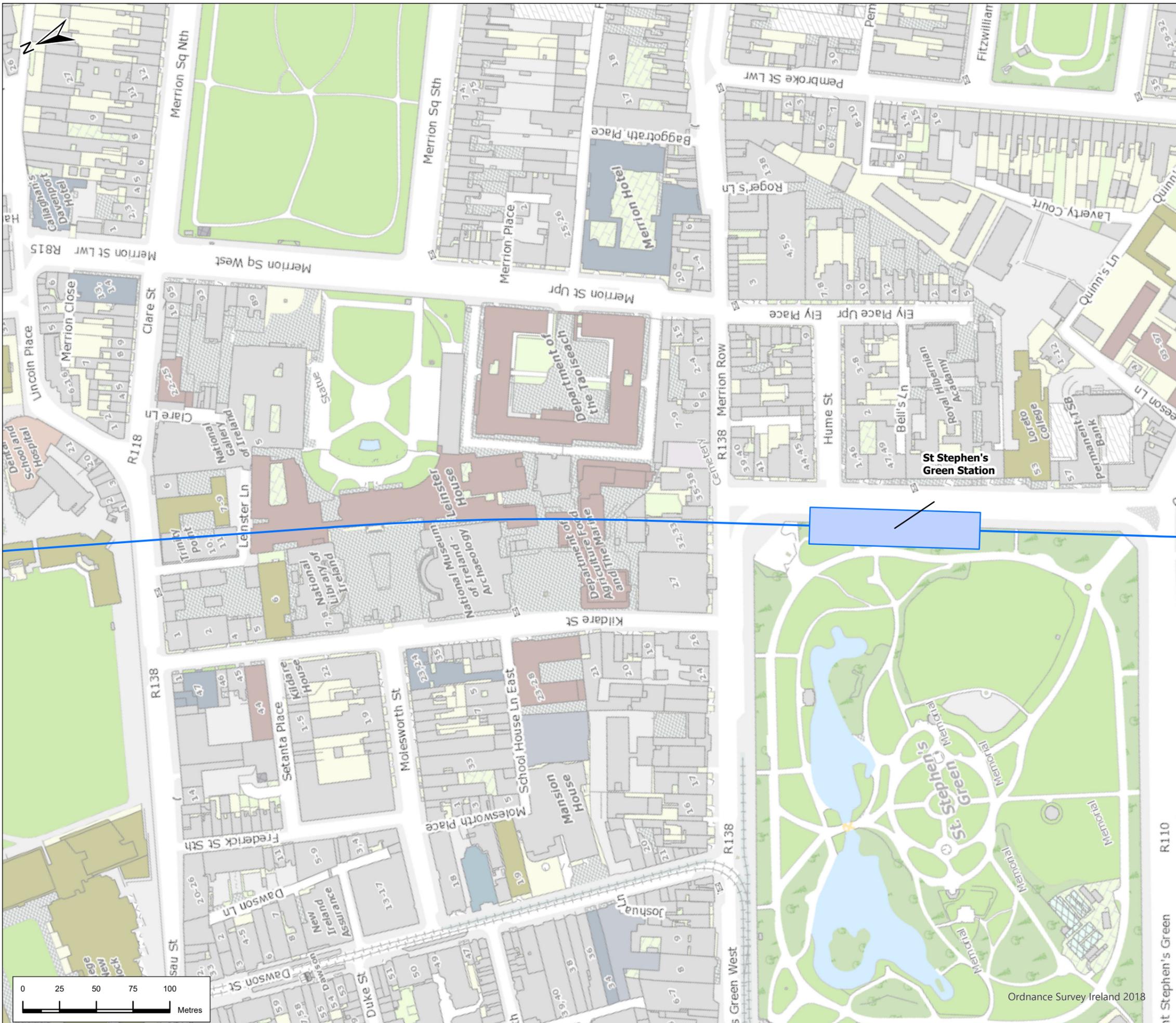
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Jacobs No.: 32108600

Drawing No.: **ML1-JAI-EIA-ROUT-XX-DR-Y-13066** Rev **P02**

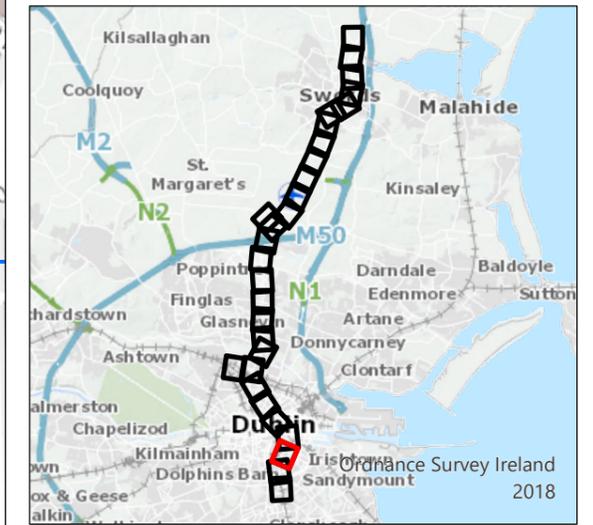
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.





### Legend

- Alignment**
- Tunnel
  - Station Locations
  - Overground Rail Receivers
- Rail Noise Contours (Day Time LAeq,16hr)**
- 40-45dB
  - 45-50dB
  - 50-55dB
  - 55-60dB
  - 60-65dB
  - 65-70dB
  - 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



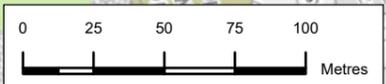
Client

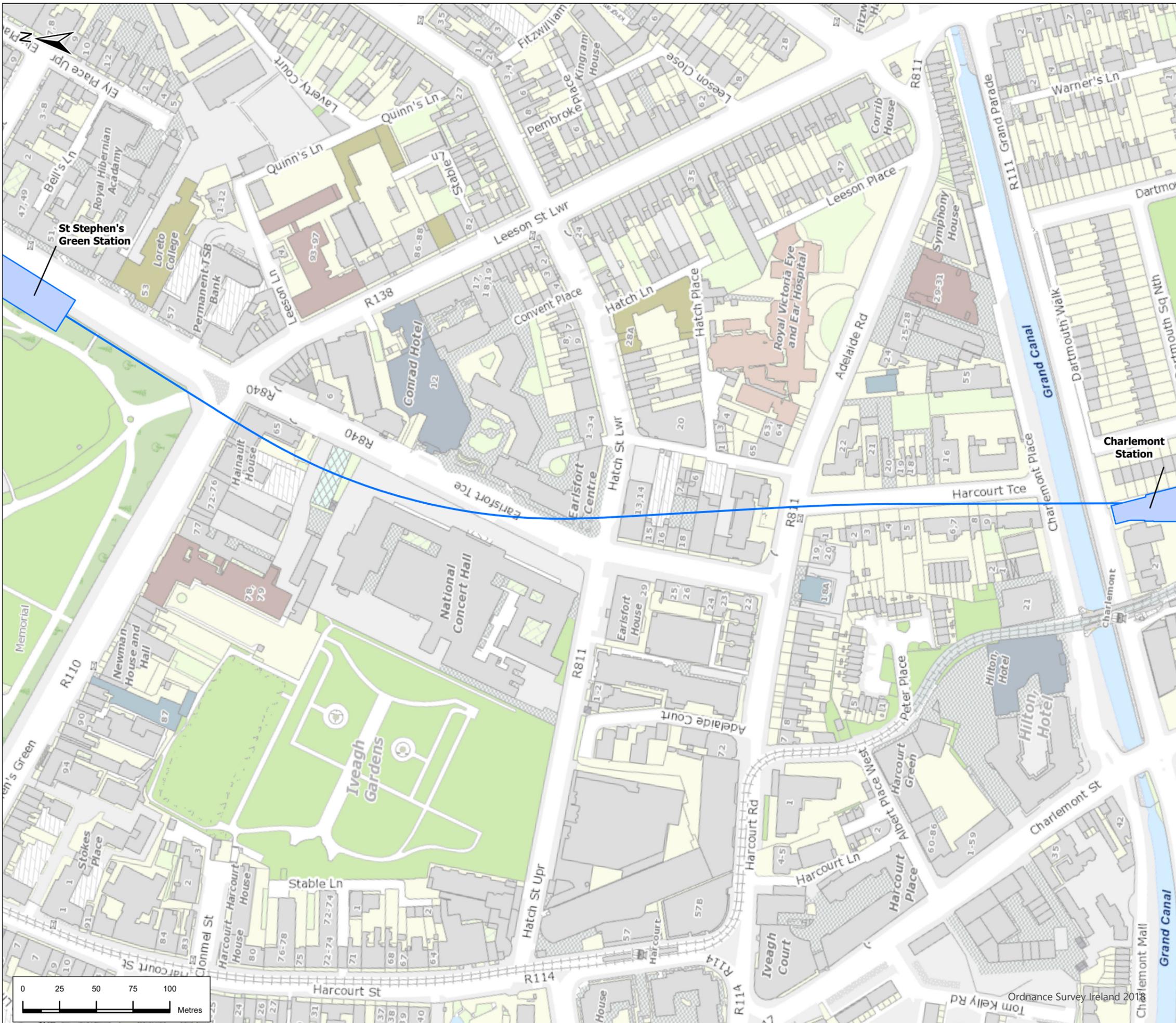


Drawing Title  
**Figure 13.3 Operational Noise Assessment**  
 Day Time  
 Sheet 28 of 30

Drawing Status	FINAL	
Scale @ A3	1:2,500	DO NOT SCALE
JACOBS No.	32108600	
Client No.		
Drawing No.	ML1-JAI-EIA-ROUT-XX-DR-Y-13068	Rev P02

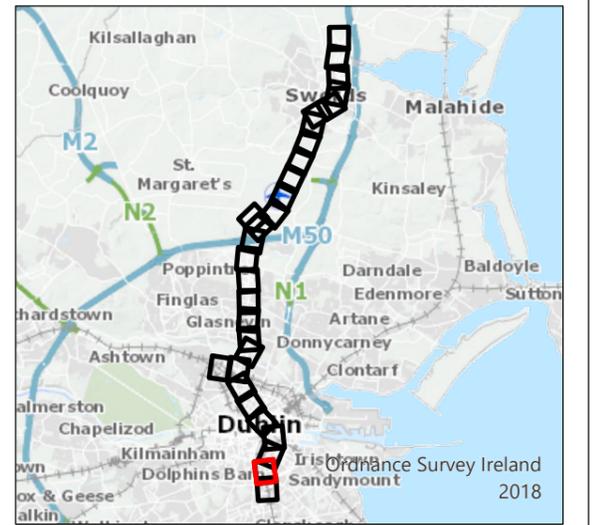
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.





### Legend

- Alignment**
- Tunnel
  - Station Locations
  - Overground Rail Receivers
- Rail Noise Contours (Day Time LAeq,16hr)**
- 40-45dB
  - 45-50dB
  - 50-55dB
  - 55-60dB
  - 60-65dB
  - 65-70dB
  - 70-75dB



P02	28/6/22	Final Issue	GL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS  
IDOM**

**TII**  
Bonnegar Iompar Eireann  
Transport Infrastructure Ireland

**METROLINK**

Drawing Title  
**Figure 13.3 Operational Noise Assessment  
Day Time  
Sheet 29 of 30**

Drawing Status: **FINAL**

Scale @ A3: 1:2,500 DO NOT SCALE

Jacobs No.: 32108600

Drawing No.: **ML1-JAI-EIA-ROUT-XX-DR-Y-13069** Rev **P02**

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