



### Legend

Alignment	35mm
Surface	40mm
Viaduct	45mm
Station Locations	50mm
Project Boundary	60mm
Geographic Split	70mm
AZ1 Northern Section	80mm
Settlement Contours	90mm
1mm	100mm
5mm	110mm
10mm	120mm
15mm	130mm
20mm	140mm
25mm	150mm
30mm	



P02	8/12/2022	Final Issue	JL	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 20.16 Settlement Contours  
Sheet 1 of 30**

Drawing Status  
**Final**

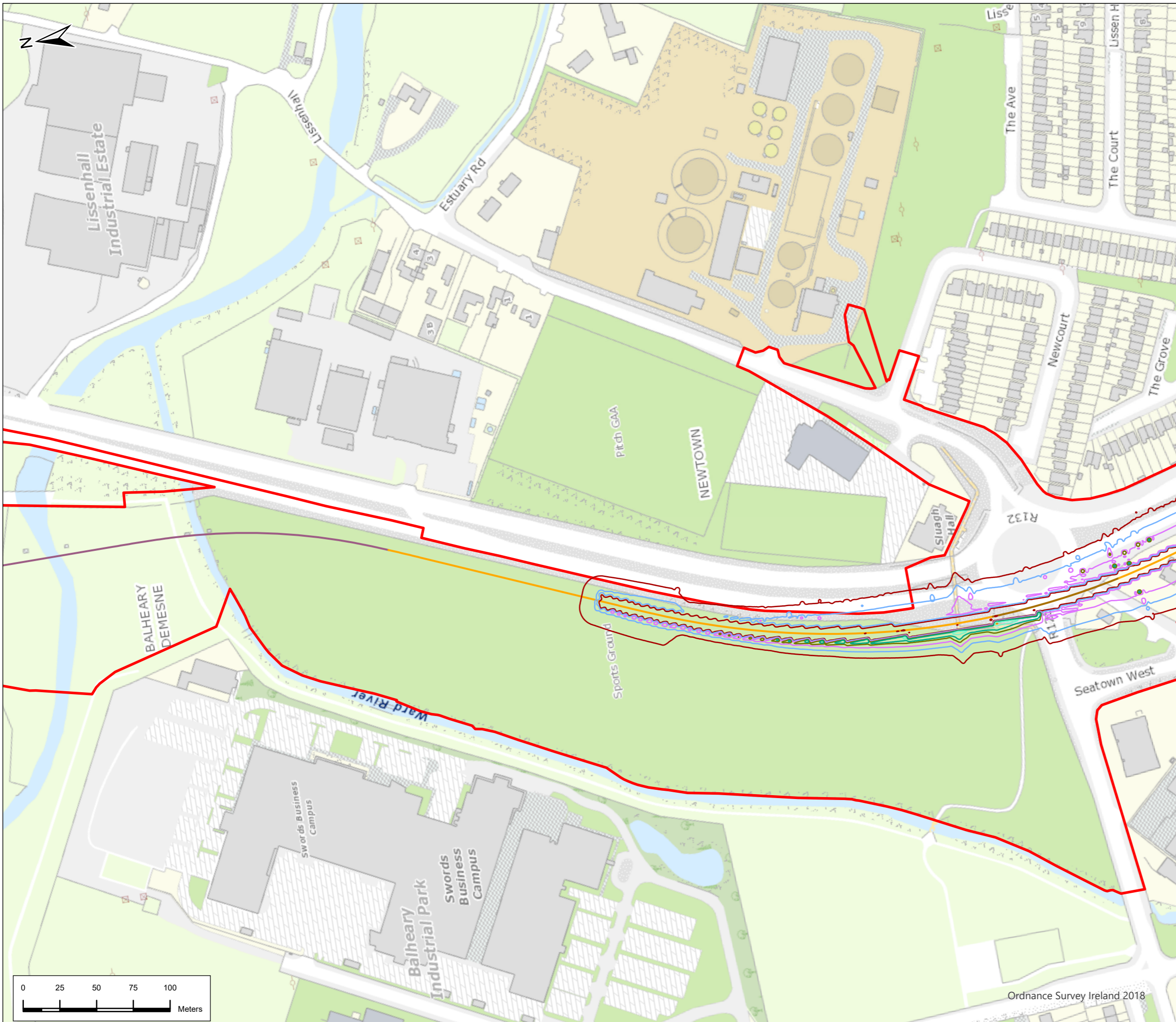
Scale @ A3  
1:2,500  
DO NOT SCALE

Jacobs No. 32108600  
Client No.

Drawing No. ML1-JAI-EIA-ROUT\_XX-DR-Y-21121  
Rev P02

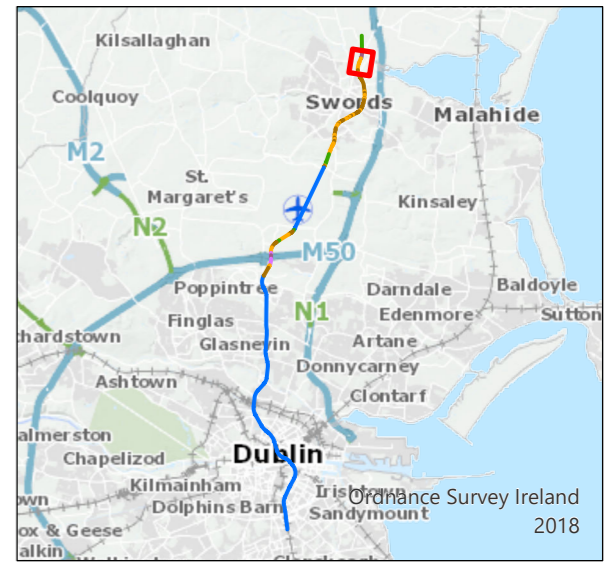
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.





### Legend

Alignment	30mm
Cut & Cover	35mm
Retained Cut	40mm
Viaduct	45mm
Station Locations	50mm
Project Boundary	60mm
Geographic Split	70mm
AZ1 Northern Section	80mm
Settlement Contours	90mm
1mm	100mm
5mm	110mm
10mm	120mm
15mm	130mm
20mm	140mm
25mm	150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

Client  
**TII**  
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Transport Infrastructure Ireland

Project  
**METROLINK**

Drawing Title  
Figure 20.16 Settlement Contours  
Sheet 2 of 30

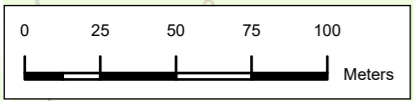
Drawing Status  
Final

Scale @ A3  
1:2,500  
DO NOT SCALE

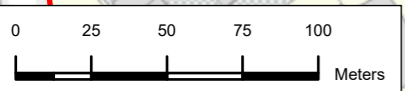
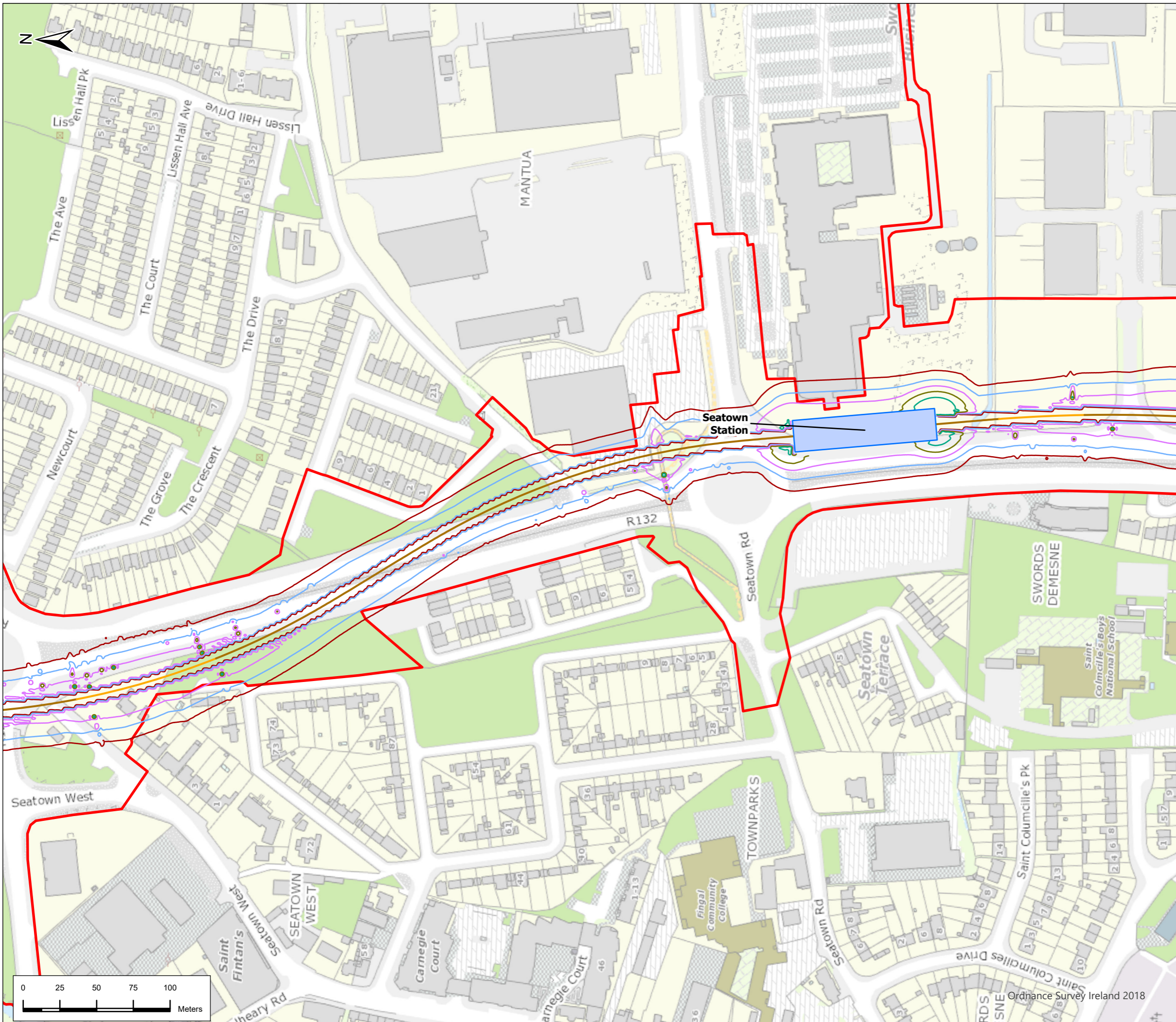
Jacobs No.  
32108600

Drawing No.  
ML1-JAI-EIA-ROUT\_XX-DR-Y-21122  
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 (Orange line)
  - Retained Cut (Yellow line)
  - Station Locations (Blue rectangle)
  - Project Boundary (Red outline)
- Geographic Split**
  - AZ1 Northern Section (Green dashed line)
- Settlement Contours**
  - 1mm (Red line)
  - 5mm (Blue line)
  - 10mm (Purple line)
  - 15mm (Olive line)
  - 20mm (Green line)
  - 25mm (Cyan line)
  - 30mm (Light green line)
  - 35mm (Dark green line)
  - 40mm (Yellow-orange line)
  - 45mm (Orange line)
  - 50mm (Light orange line)
  - 60mm (Brown line)
  - 70mm (Blue line)
  - 80mm (Cyan line)
  - 90mm (Purple line)
  - 100mm (Pink line)
  - 110mm (Red line)
  - 120mm (Dark red line)
  - 130mm (Red line)
  - 140mm (Dark red line)
  - 150mm (Brown line)



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Client:



Drawing Title: **Figure 20.16 Settlement Contours Sheet 3 of 30**

Drawing Status: **Final**

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

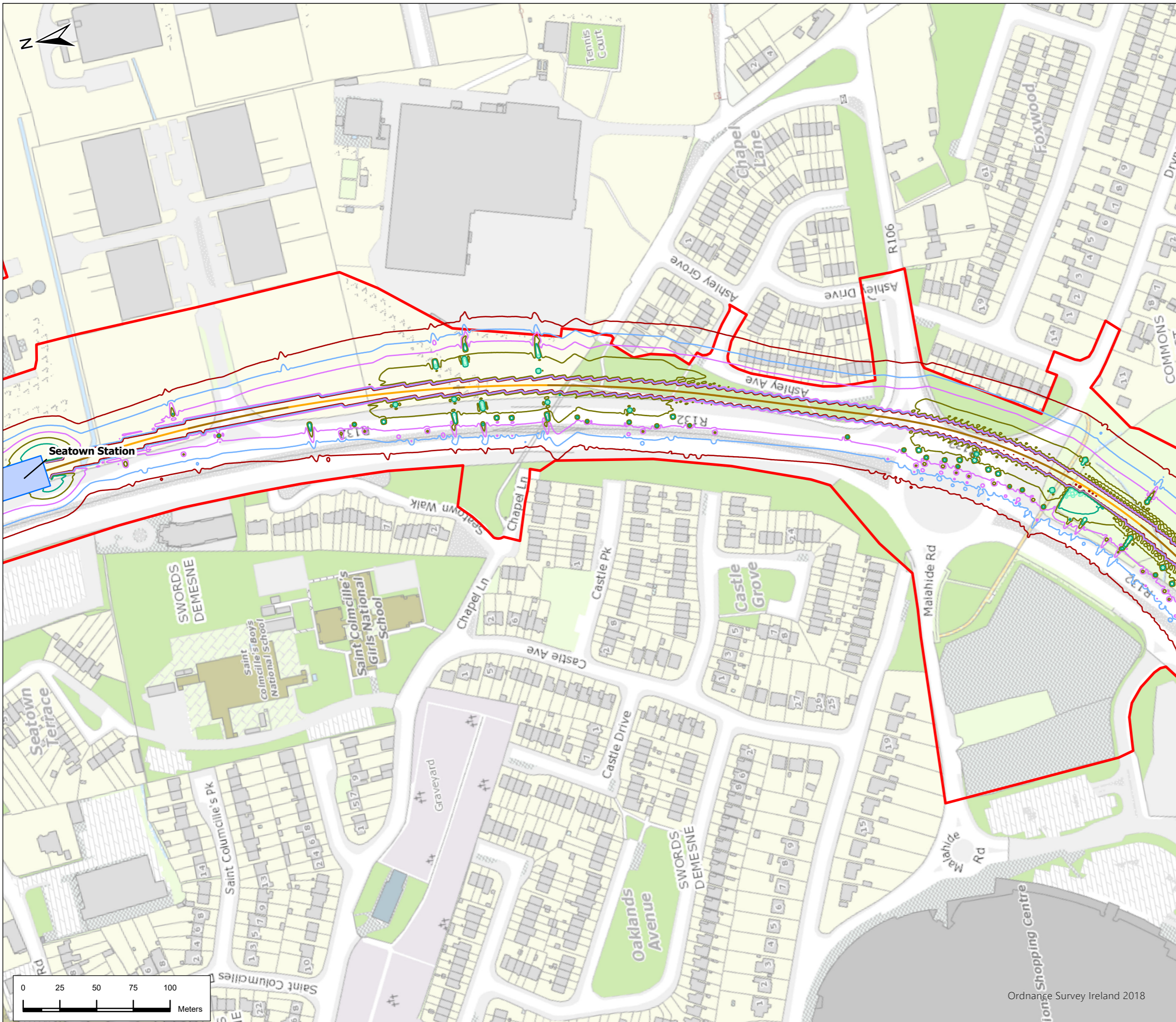
Jacobs No. 32108600

Client No.

Drawing No. **ML1-JAI-EIA-ROUT\_XX-DR-Y-21123** 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.



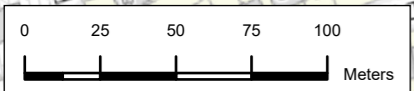


### Legend

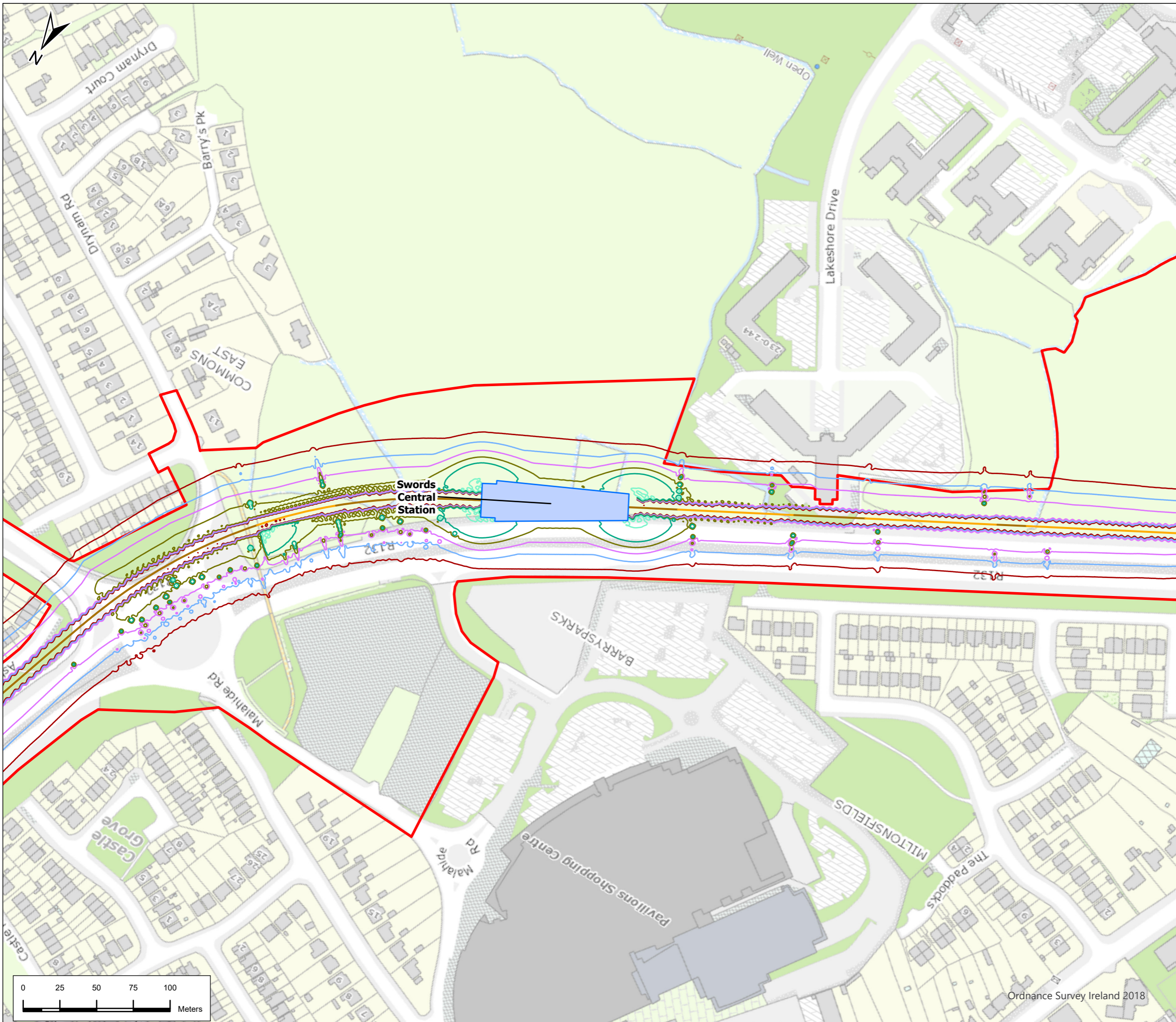
	35mm
	40mm
	45mm
	50mm
	60mm
	70mm
	80mm
	90mm
	100mm
	110mm
	120mm
	130mm
	140mm
	150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
<b>JACOBS IDOM</b>						
Client			<b>TII</b> Bonnegar Iompair Éireann Transport Infrastructure Ireland			
Project			<b>METROLINK</b>			
Drawing Title			Figure 20.16 Settlement Contours Sheet 4 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-21124		Rev		P02	

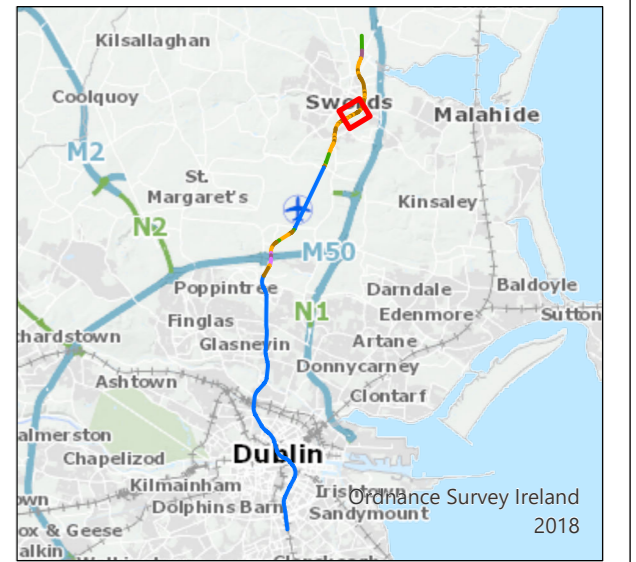






### Legend

Alignment	35mm
Cut & Cover	40mm
Retained Cut	45mm
Station Locations	50mm
Project Boundary	60mm
Geographic Split	70mm
AZ1 Northern Section	80mm
Settlement Contours	90mm
1mm	100mm
5mm	110mm
10mm	120mm
15mm	130mm
20mm	140mm
25mm	150mm
30mm	



P02	8/12/2022	Final Issue	JL	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 20.16 Settlement Contours  
Sheet 5 of 30

Drawing Status  
Final

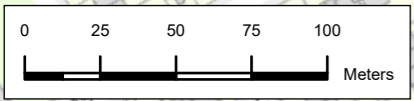
Scale @ A3  
1:2,500 DO NOT SCALE

Jacobs No.  
32108600

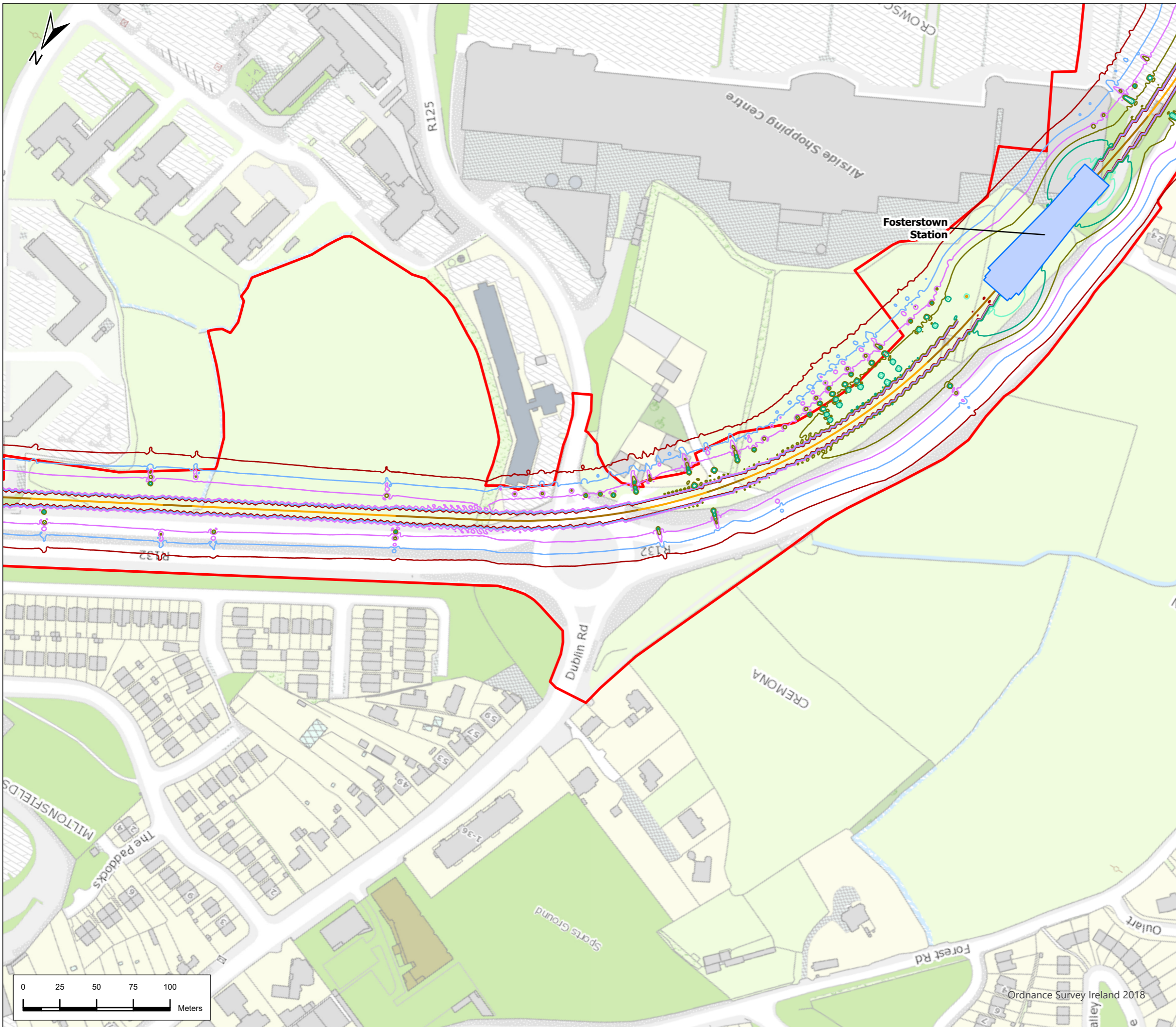
Client No.

Drawing No.  
ML1-JAI-EIA-ROUT\_XX-DR-Y-21125

Rev  
P02







### Legend

- Alignment**
- 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm
- Geographic Split**
- AZ1 Northern Section
- Settlement Contours**
- 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
- Other Legend Items:**
- Station Locations
  - Project Boundary



P02	8/12/2022	Final Issue	JL	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 20.16 Settlement Contours  
Sheet 6 of 30**

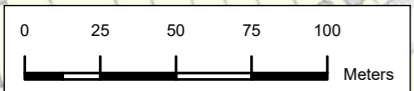
Drawing Status  
**Final**

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

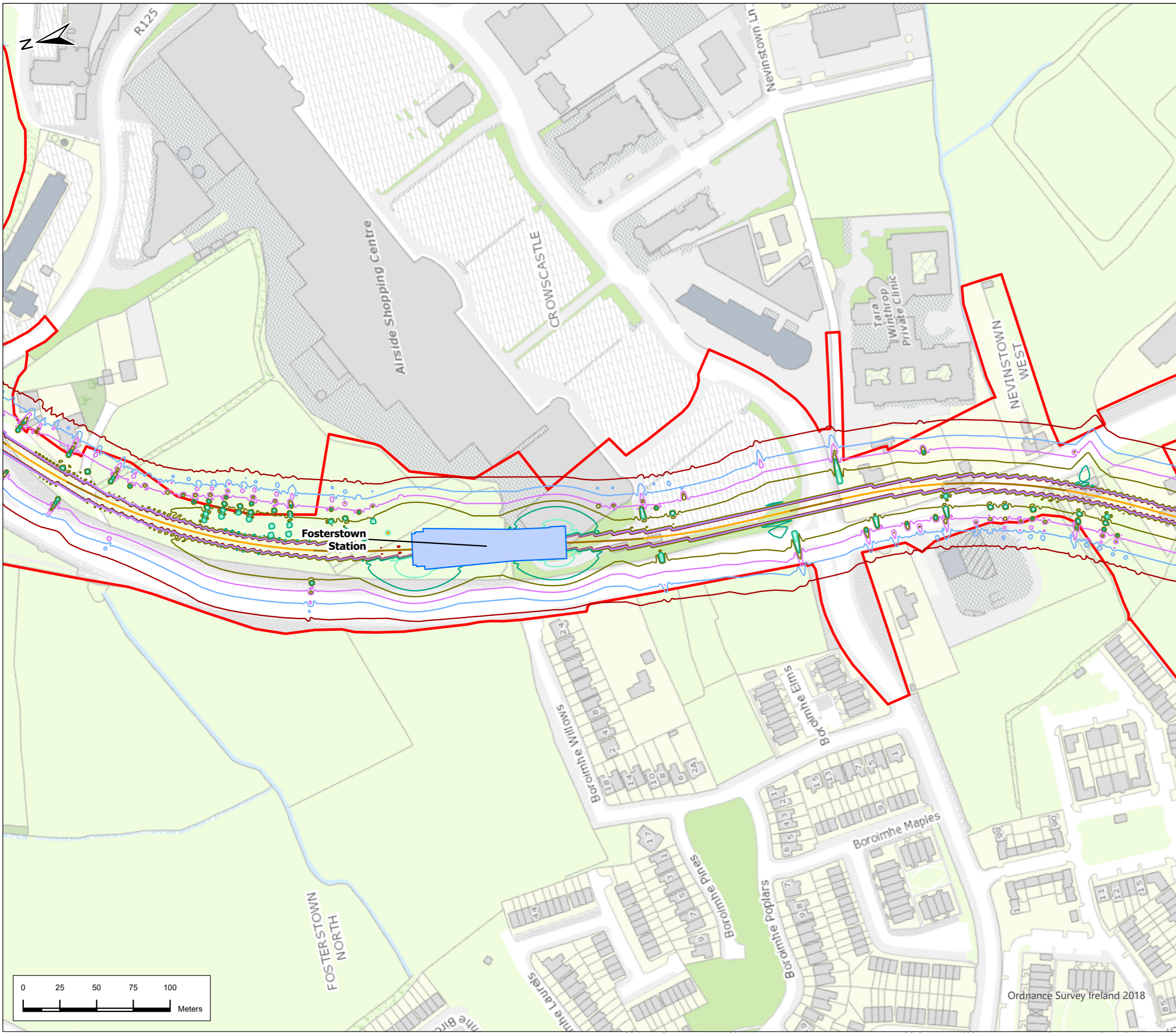
Jacobs No. 32108600  
Client No.

Drawing No. **ML1-JAI-EIA-ROUT\_XX-DR-Y-21126** Rev **P02**

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### Legend

Alignment	
	Cut & Cover
	Retained Cut
	Station Locations
	Project Boundary
Geographic Split	
	AZ1 Northern Section
Settlement Contours	
	1mm
	5mm
	10mm
	15mm
	20mm
	25mm
	30mm
	35mm
	40mm
	45mm
	50mm
	60mm
	70mm
	80mm
	90mm
	100mm
	110mm
	120mm
	130mm
	140mm
	150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

Client  
**TII**  
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Transport Infrastructure Ireland

Project  
**METROLINK**

Drawing Title  
**Figure 20.16 Settlement Contours  
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-21127  
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**
- Project Boundary**
- Geographic Split**
  - AZ1 Northern Section
  - AZ2 Airport Section
- Settlement Contours**



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Drawing Title  
**Figure 20.16 Settlement Contours**  
Sheet 8 of 30

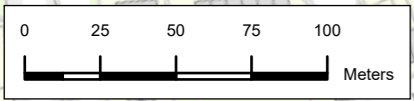
Drawing Status: **Final**

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

Jacobs No. 32108600

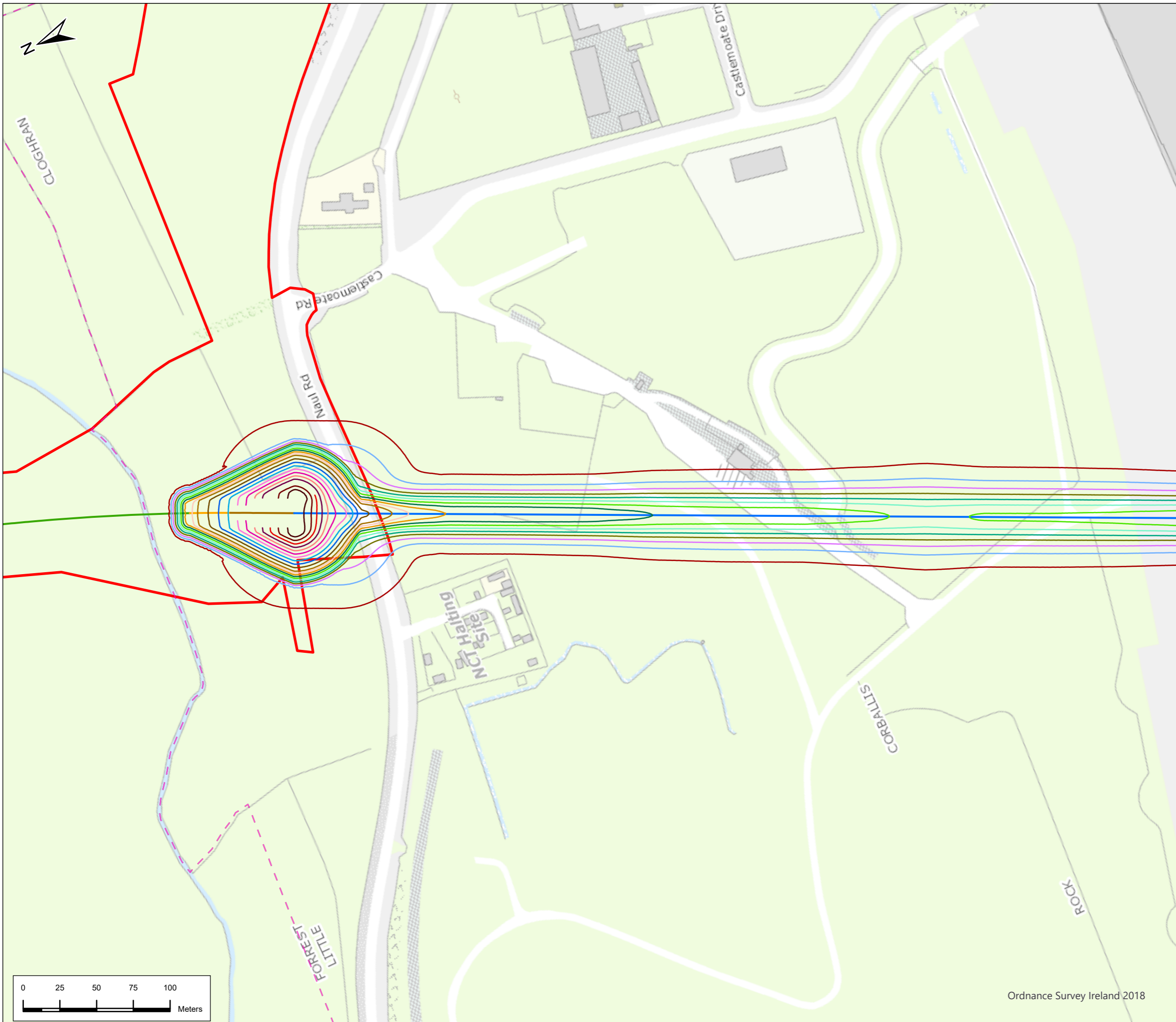
Drawing No. **ML1-JAI-EIA-ROUT\_XX-DR-Y-21128** Rev **P02**

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.



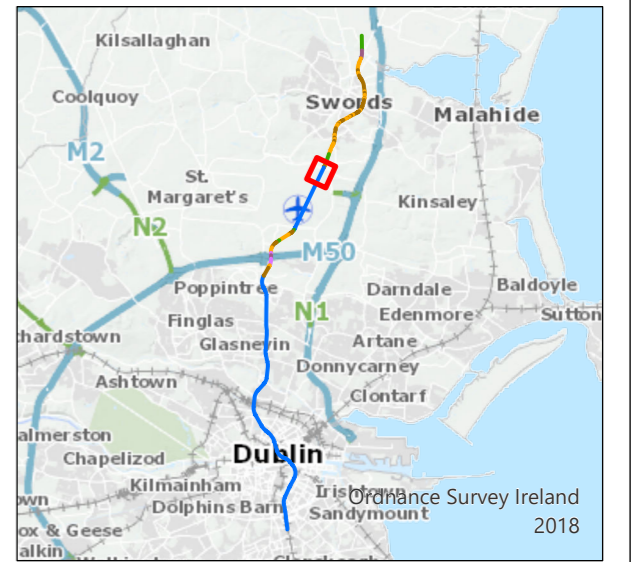
Ordnance Survey Ireland 2018





### Legend

Alignment	25mm
Cut & Cover	30mm
Retained Cut	35mm
Surface	40mm
Tunnel	45mm
Station Locations	50mm
Project Boundary	60mm
<b>Geographic Split</b>	
AZ1 Northern Section	70mm
AZ2 Airport Section	80mm
<b>Settlement Contours</b>	
1mm	110mm
5mm	120mm
10mm	130mm
15mm	140mm
20mm	150mm



P02	8/12/2022	Final Issue	JL	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

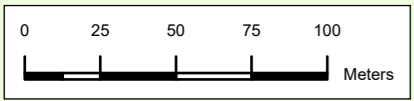
Project  
**METROLINK**

Drawing Title  
**Figure 20.16 Settlement Contours  
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-21129 Rev P02



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### Legend

- Alignment**
  - Tunnel (Blue line)
  - Station Locations (Blue rectangle)
  - Project Boundary (Red outline)
- Geographic Split**
  - AZ2 Airport Section (Dashed pink line)
- Settlement Contours**
  - 1mm (Red line)
  - 5mm (Blue line)
  - 10mm (Purple line)
  - 15mm (Green line)
  - 20mm (Teal line)
  - 25mm (Cyan line)
  - 30mm (Light green line)
  - 40mm (Orange line)
  - 45mm (Light orange line)
  - 50mm (Yellow line)
  - 60mm (Light yellow line)
  - 70mm (Light blue line)
  - 80mm (Blue line)
  - 90mm (Pink line)
  - 100mm (Magenta line)
  - 110mm (Red line)
  - 120mm (Purple line)
  - 130mm (Red line)
  - 140mm (Brown line)
  - 150mm (Dark brown line)



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Drawing Title  
**Figure 20.16 Settlement Contours**  
Sheet 10 of 30

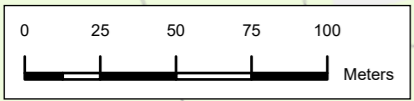
Drawing Status: **Final**

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

Jacobs No. 32108600

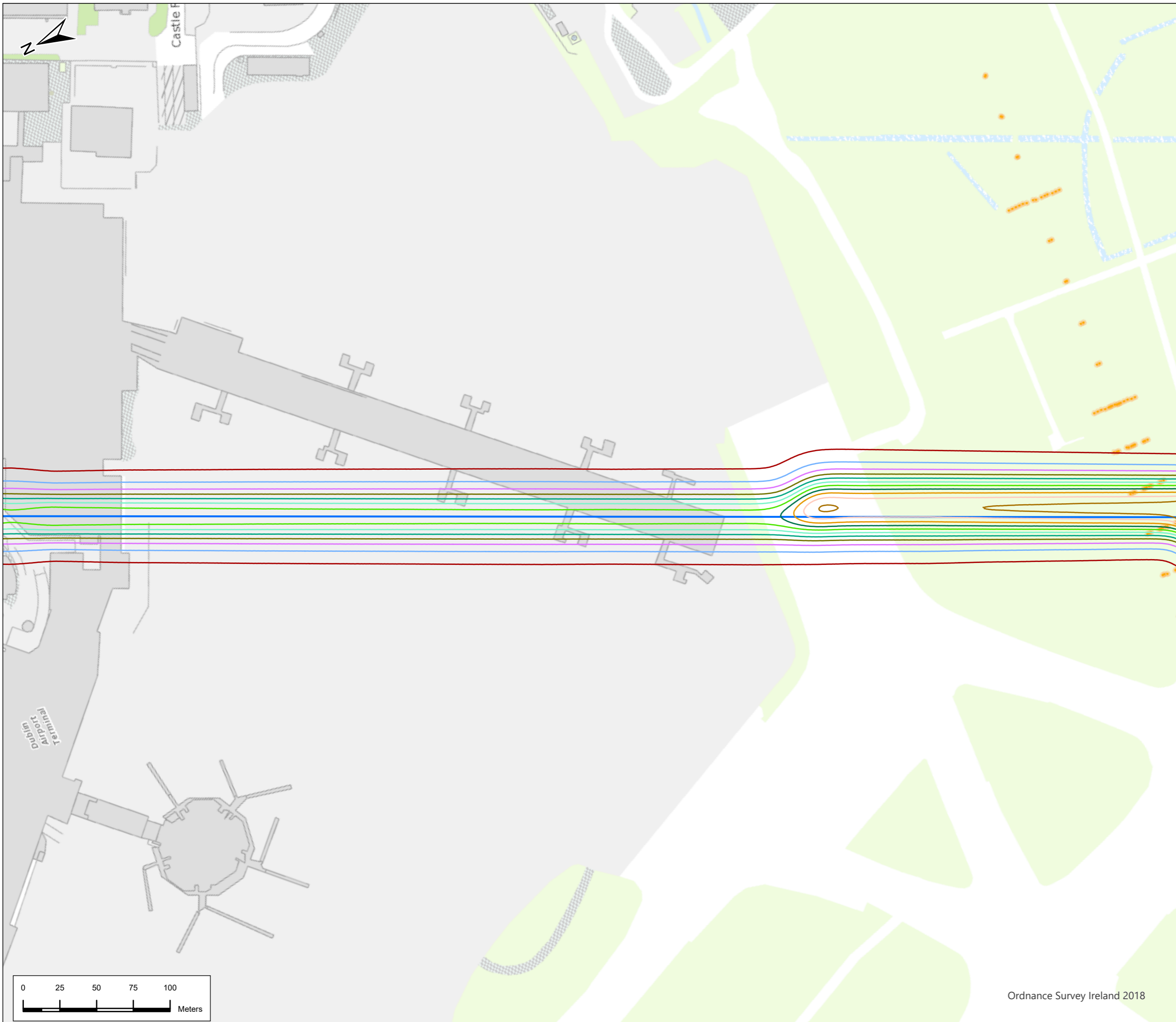
Drawing No. ML1-JAI-EIA-ROUT\_XX-DR-Y-21130 Rev P02

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
  - Project Boundary
- Geographic Split**
- AZ2 Airport Section
- Settlement Contours**
- 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm



P02	8/12/2022	Final Issue	JL	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 20.16 Settlement Contours  
Sheet 11 of 30

Drawing Status

Final

Scale @ A3

1:2,500

DO NOT SCALE

Jacobs No.

32108600

Client No.

Drawing No.

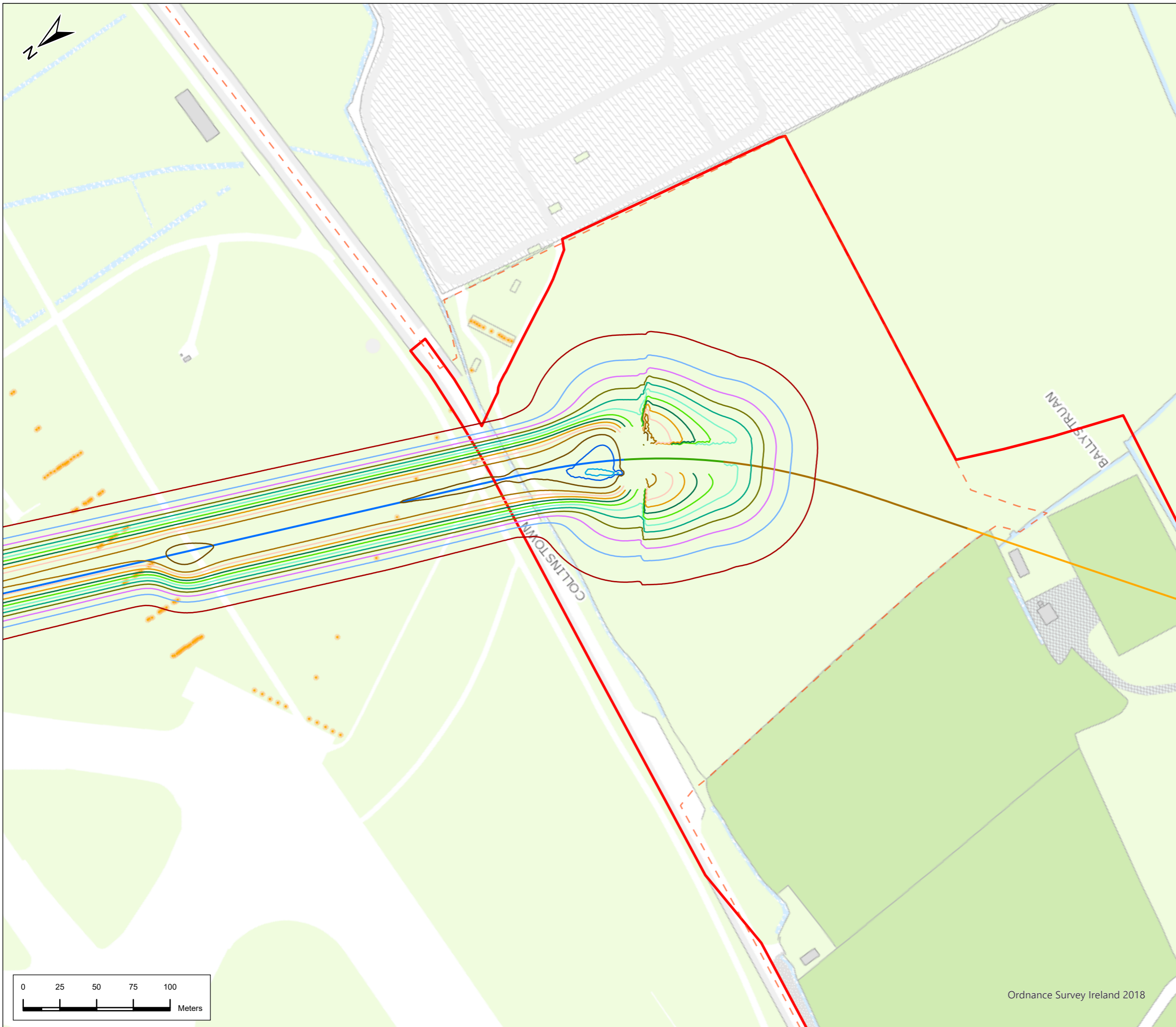
ML1-JAI-EIA-ROUT\_XX-DR-Y-21131

Rev

P02

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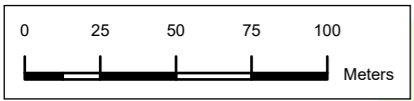


### Legend

Alignment	25mm
Cut & Cover	30mm
Retained Cut	35mm
Surface	40mm
Tunnel	45mm
Station Locations	50mm
Project Boundary	60mm
<b>Geographic Split</b>	
AZ2 Airport Section	70mm
AZ3 Dardistown to Northwood	80mm
<b>Settlement Contours</b>	
1mm	100mm
5mm	110mm
10mm	120mm
15mm	130mm
20mm	140mm
	150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
<b>JACOBS IDOM</b>						
Client			<b>TII</b> Bonneagar Iompair Éireann Transport Infrastructure Ireland			
Project			<b>METROLINK</b>			
Drawing Title			Figure 20.16 Settlement Contours 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-21132				Rev <b>P02</b>	
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
- Station Locations**
- Station Locations
- Project Boundary**
- Project Boundary
- Geographic Split**
- AZ2 Airport Section
  - AZ3 Dardistown to Northwood
- Settlement Contours**
- 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm



P02	8/12/2022	Final Issue	JL	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 20.16 Settlement Contours  
Sheet 13 of 30

Drawing Status

Final

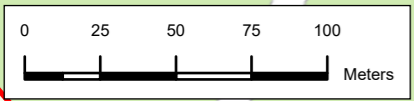
Scale @ A3

1:2,500 DO NOT SCALE

Jacobs No. 32108600

Drawing No. ML1-JAI-EIA-ROUT\_XX-DR-Y-21133 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.

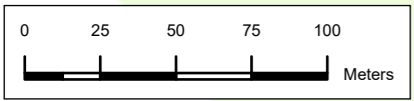
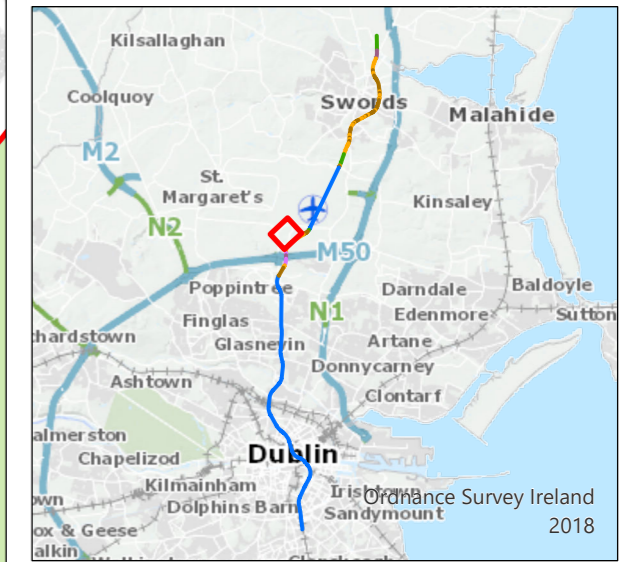


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- ### Legend
- Alignment**
- Cut & Cover
  - Surface
  - Station Locations
  - Project Boundary
- Geographic Split**
- AZ2 Airport Section
  - AZ3 Dardistown to Northwood
- Settlement Contours**
- 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
			Client			
			Project			
			Drawing Title			
			Figure 20.16 Settlement Contours Sheet 14 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-21134		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 the drawing. Refer to the contract for full terms and conditions.						





### Legend

- Alignment**
- Cut & Cover — 30mm
- Incline — 35mm
- Retained Cut — 40mm
- Viaduct — 45mm
- Station Locations — 50mm
- Project Boundary — 60mm
- Geographic Split**
- AZ3 Dardistown to Northwood — 70mm
- Settlement Contours**
- 1mm — 80mm
- 5mm — 90mm
- 10mm — 100mm
- 15mm — 110mm
- 20mm — 120mm
- 25mm — 130mm
- 140mm
- 150mm



P02	8/12/2022	Final Issue	JL	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 20.16 Settlement Contours**  
Sheet 15 of 30

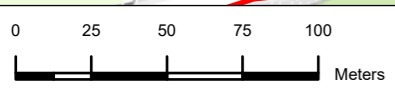
Drawing Status **Final**

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

Jacobs No. **32108600**

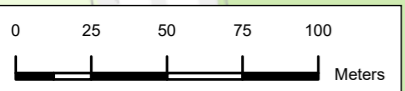
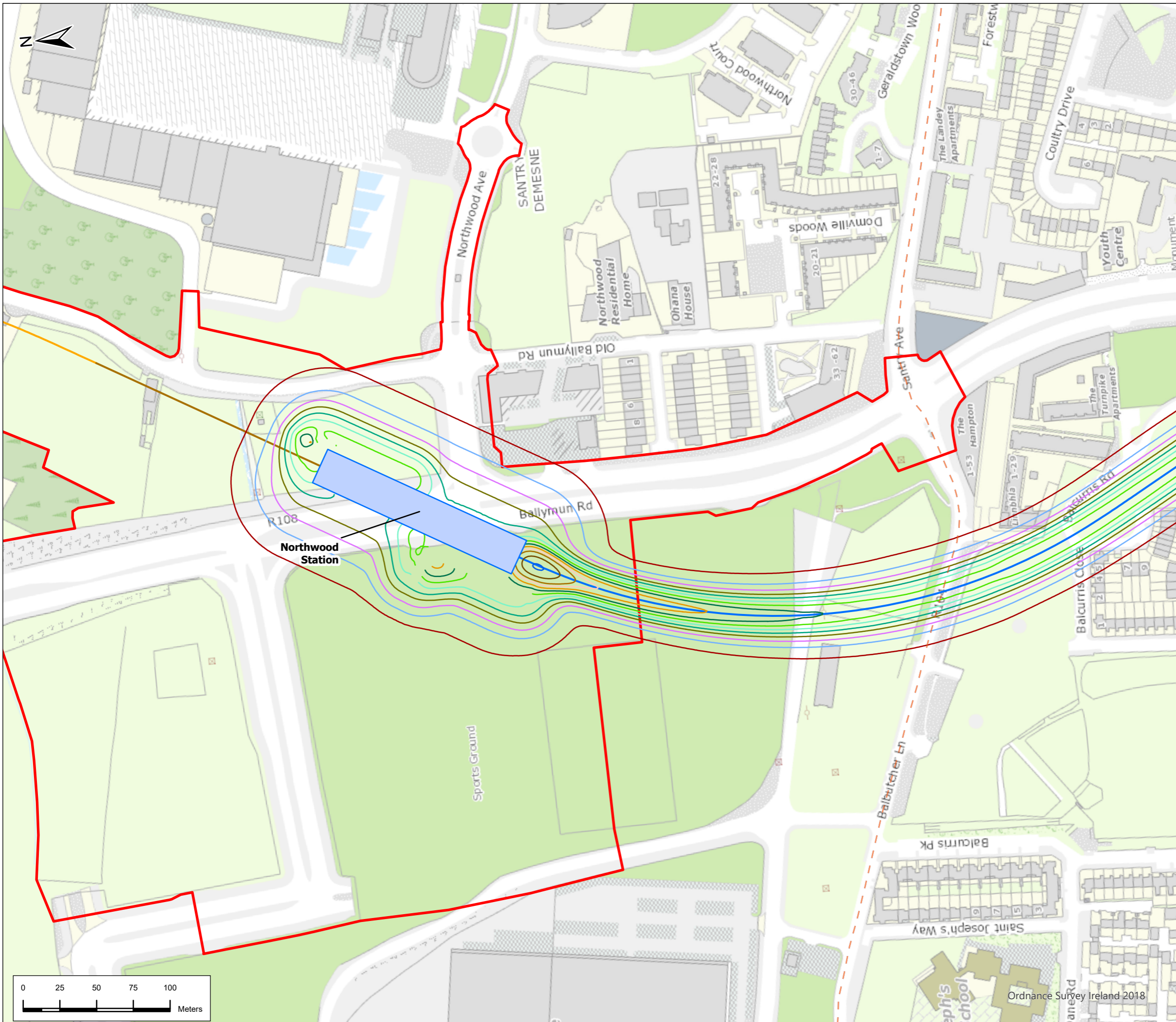
Drawing No. **ML1-JAI-EIA-ROUT\_XX-DR-Y-21135** Rev **P02**

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 (Orange line)
  - Retained Cut (Yellow line)
  - Tunnel (Blue line)
- Station Locations** (Blue rectangle)
- Project Boundary** (Red outline)
- Geographic Split**
  - AZ3 Dardistown to Northwood (Dashed orange line)
  - AZ4 Northwood to Charlemont (Dashed blue line)
- Settlement Contours**
  - 1mm (Red line)
  - 5mm (Blue line)
  - 10mm (Purple line)
  - 15mm (Green line)
  - 20mm (Teal line)
  - 25mm (Light green line)
  - 30mm (Light blue line)
  - 35mm (Blue line)
  - 40mm (Yellow line)
  - 45mm (Orange line)
  - 50mm (Light orange line)
  - 60mm (Brown line)
  - 70mm (Dark blue line)
  - 80mm (Cyan line)
  - 90mm (Pink line)
  - 100mm (Magenta line)
  - 110mm (Red line)
  - 120mm (Purple line)
  - 130mm (Red line)
  - 140mm (Brown line)
  - 150mm (Dark brown line)



P02	8/12/2022	Final Issue	JL	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 20.16 Settlement Contours**  
Sheet 16 of 30

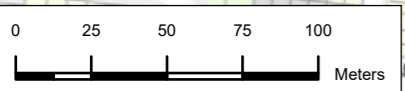
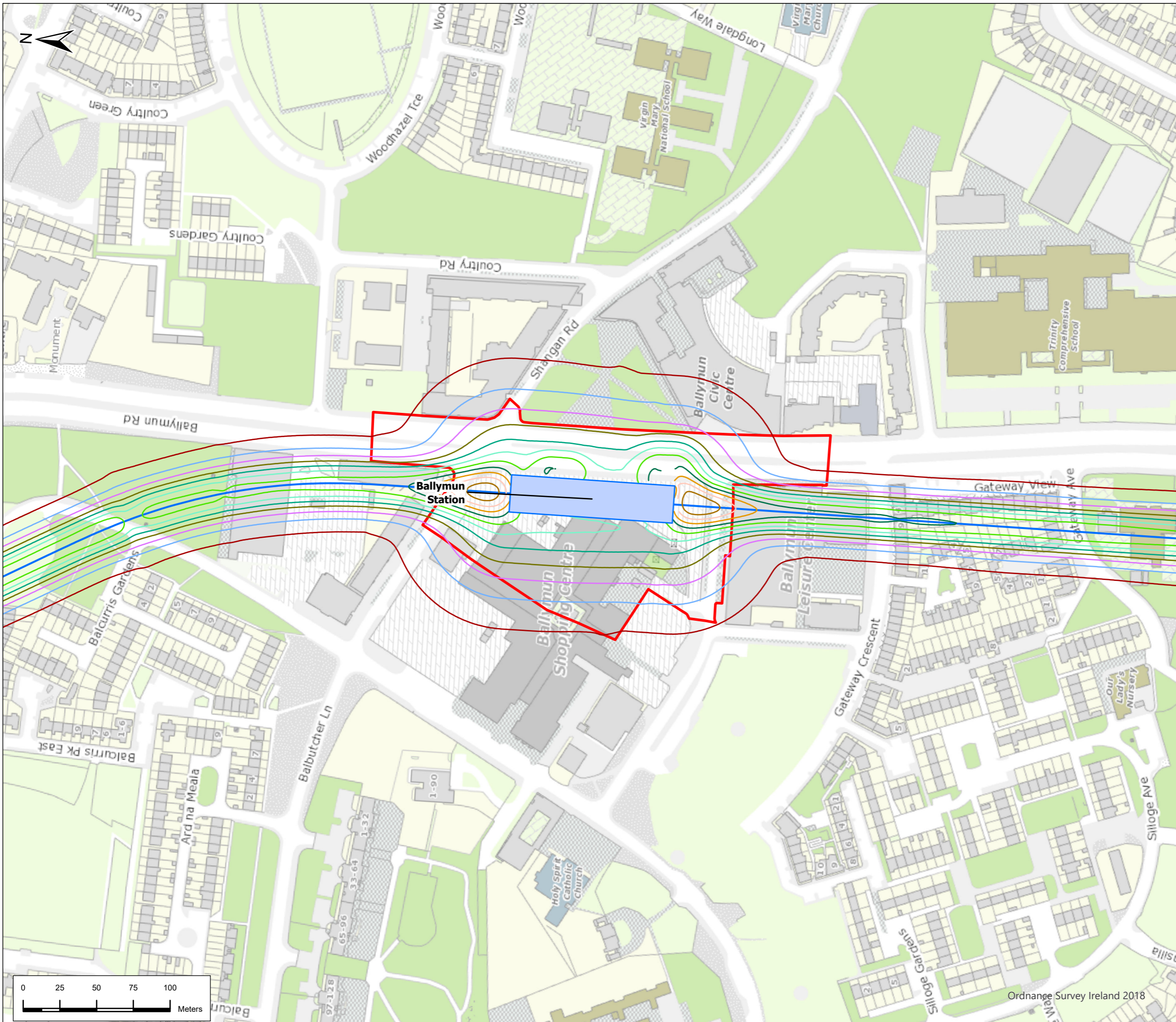
Drawing Status  
**Final**

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

Jacobs No. 32108600  
Client No.  
Drawing No. **ML1-JAI-EIA-ROUT\_XX-DR-Y-21136** 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
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm
- Station Locations**
  - Station Locations
- Project Boundary**
  - Project Boundary
- Geographic Split**
  - AZ4 Northwood to Charlemont
- Settlement Contours**
  - 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

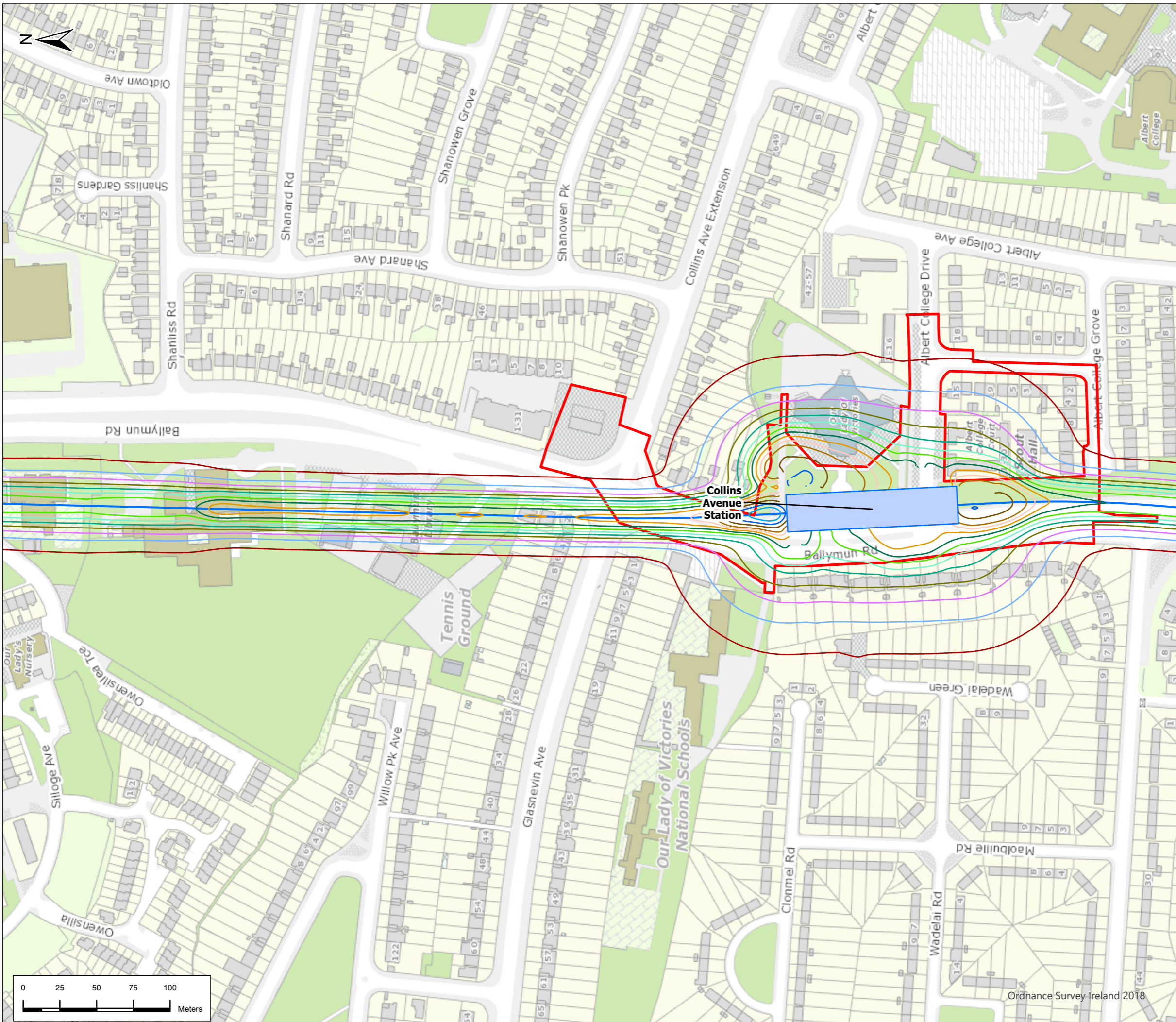


**METROLINK**

Figure 20.16 Settlement Contours  
Sheet 17 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-21137	Rev P02





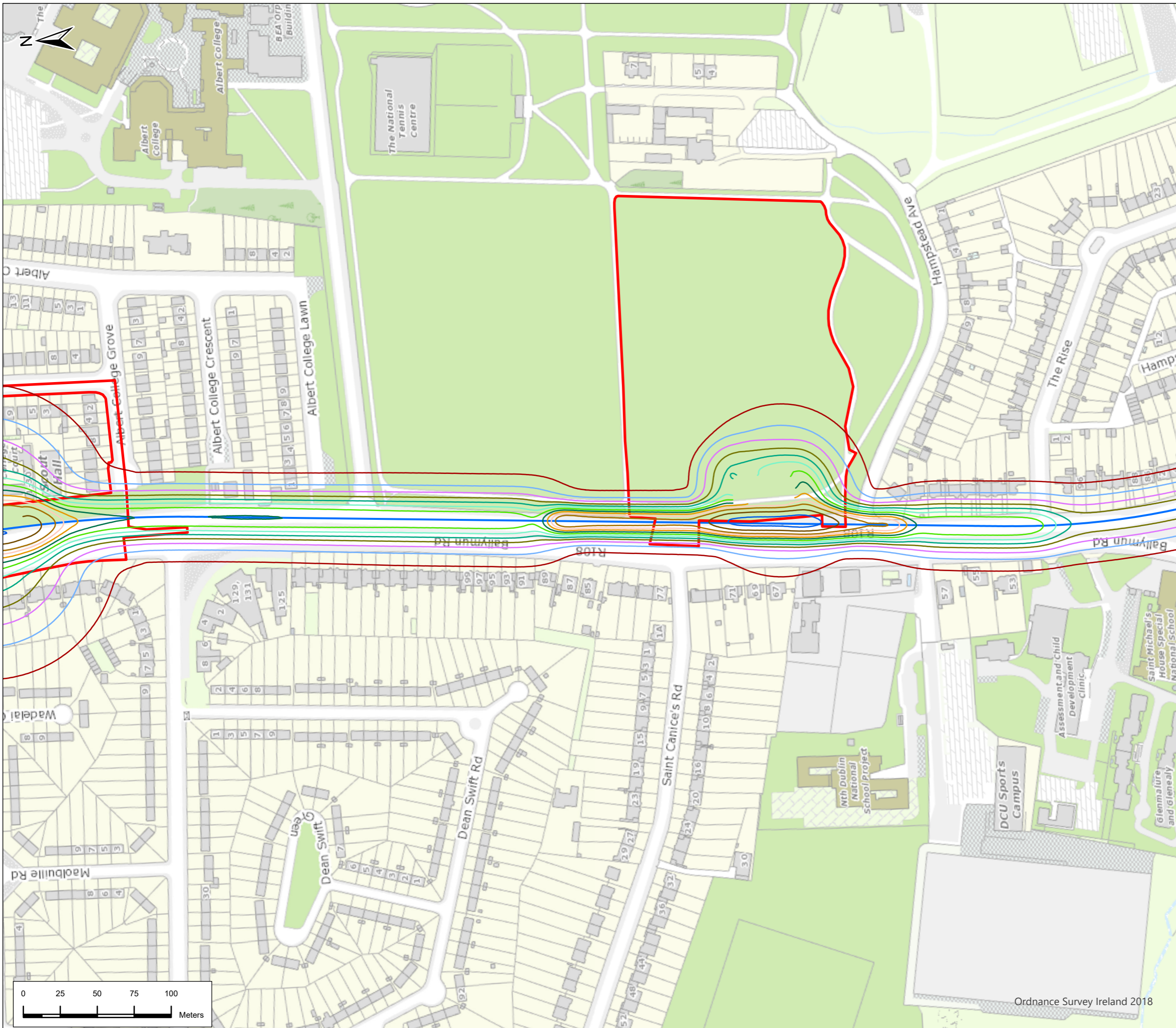
### Legend

- Alignment**
  - Tunnel
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm
- Station Locations**
  - Station Locations
- Project Boundary**
  - Project Boundary
- Geographic Split**
  - AZ4 Northwood to Charlemont
- Settlement Contours**
  - 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm

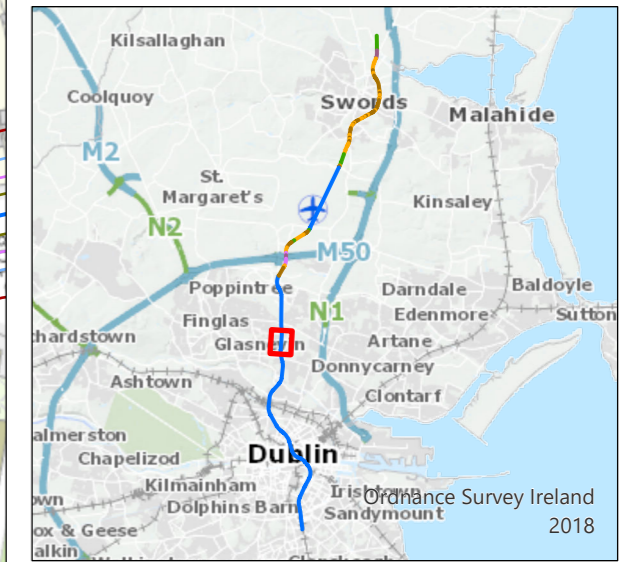


P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
<b>JACOBS IDOM</b>						
Client			<b>TII</b> Bonnegar Iompair Éireann Transport Infrastructure Ireland			
Project			<b>METROLINK</b>			
Drawing Title			Figure 20.16 Settlement Contours Sheet 18 of 30			
Drawing Status			Final			
Scale @ A3		1:2,500	DO NOT SCALE			
Jacobs No.		32108600				
Client No.						
Drawing No.		ML1-JAI-EIA-ROUT_XX-DR-Y-21138	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.						



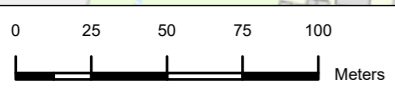
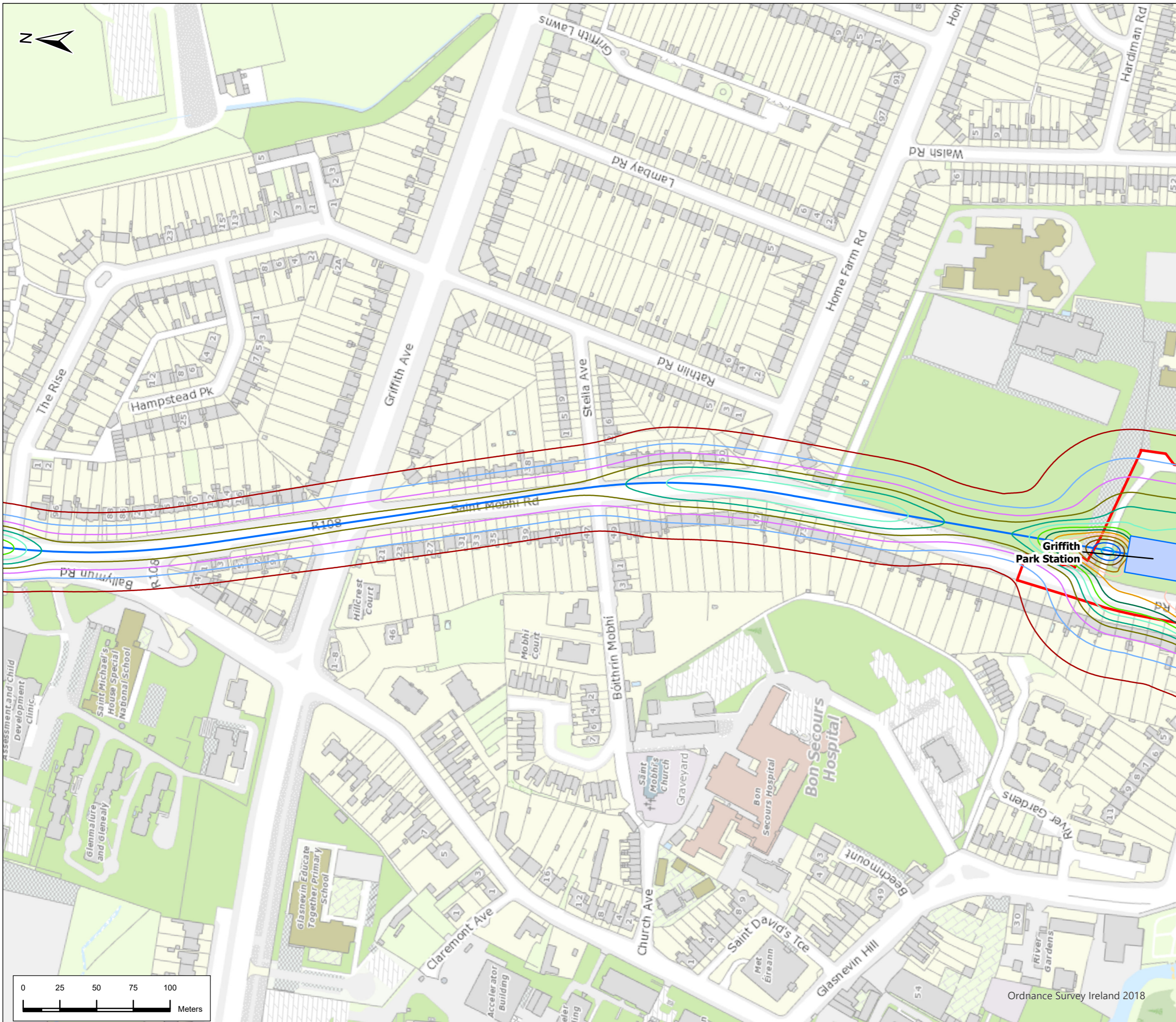


- ### Legend
- Alignment**
    - Tunnel
    - Station Locations
    - Project Boundary
  - Geographic Split**
    - AZ4 Northwood to Charlemont
  - Settlement Contours**
    - 1mm
    - 5mm
    - 10mm
    - 15mm
    - 20mm
    - 25mm
    - 30mm
    - 35mm
    - 40mm
    - 45mm
    - 50mm
    - 60mm
    - 70mm
    - 80mm
    - 90mm
    - 100mm
    - 110mm
    - 120mm
    - 130mm
    - 140mm
    - 150mm



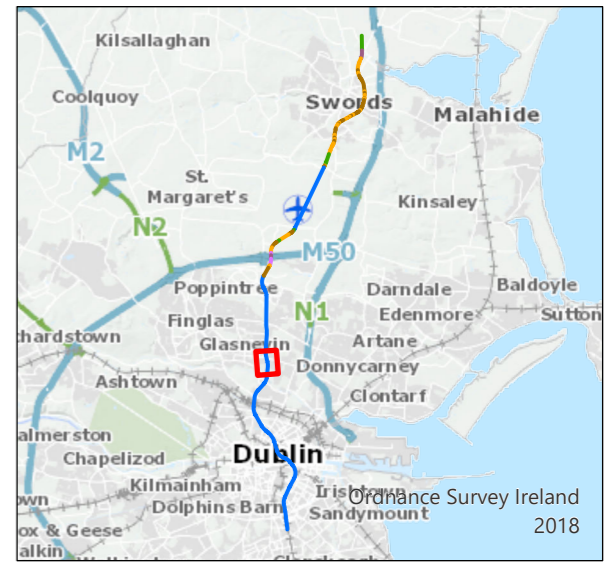
P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
			Client			
			Project			
			Drawing Title			
			Figure 20.16 Settlement Contours Sheet 19 of 30			
Drawing Status			Final			
Scale @ A3		1:2,500	DO NOT SCALE			
Jacobs No.		32108600				
Client No.						
Drawing No.		ML1-JAI-EIA-ROUT_XX-DR-Y-21139	Rev		P02	





### Legend

- Alignment**
  - Tunnel
  - Station Locations
  - Project Boundary
- Geographic Split**
  - AZ4 Northwood to Charlemont
- Settlement Contours**
  - 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



**Drawing Title**  
Figure 20.16 Settlement Contours  
Sheet 20 of 30

**Drawing Status** Final

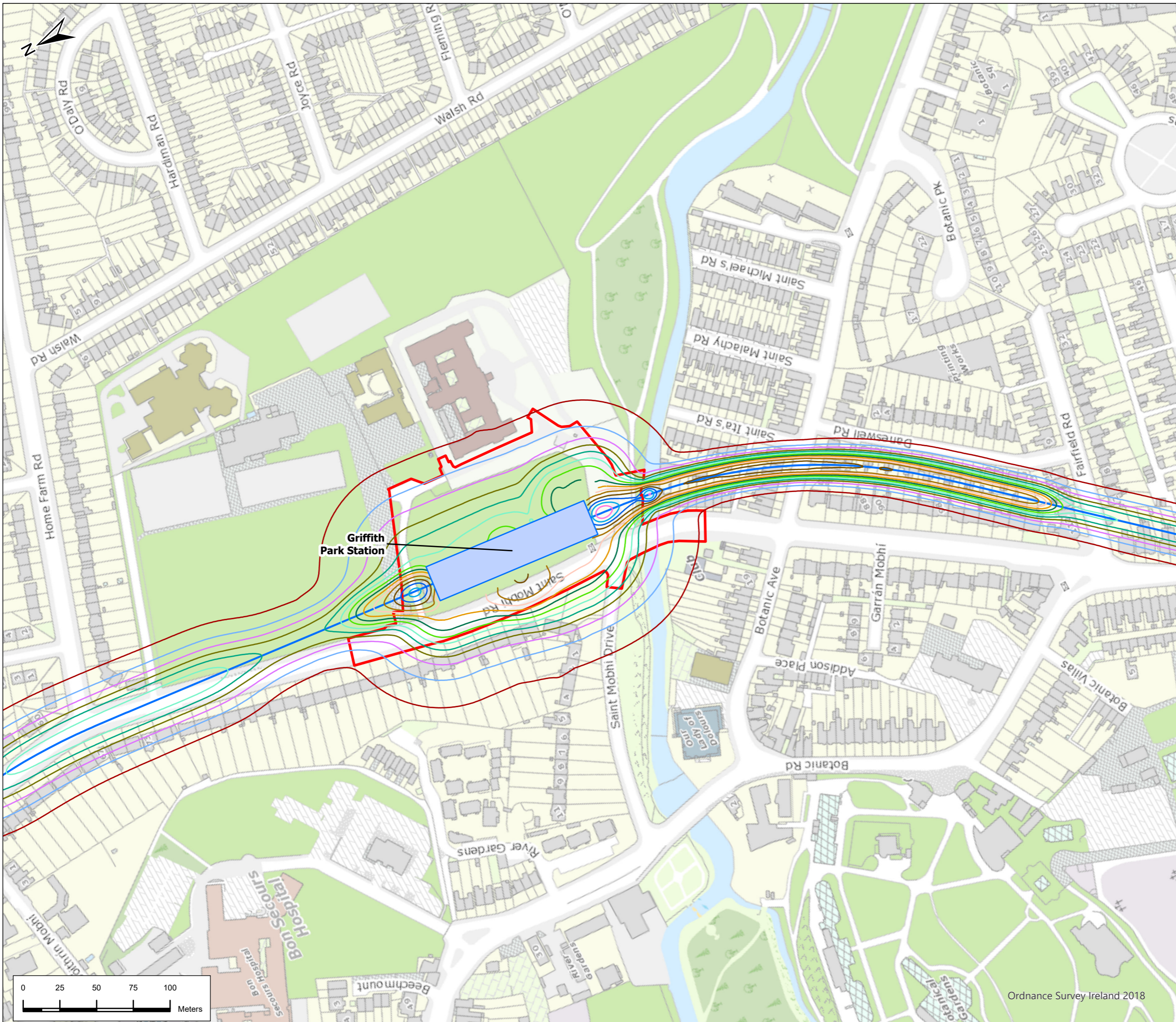
Scale @ A3: 1:2,500 DO NOT SCALE

Jacobs No. 32108600

Drawing No. ML1-JAI-EIA-ROUT\_XX-DR-Y-21140 Rev P02

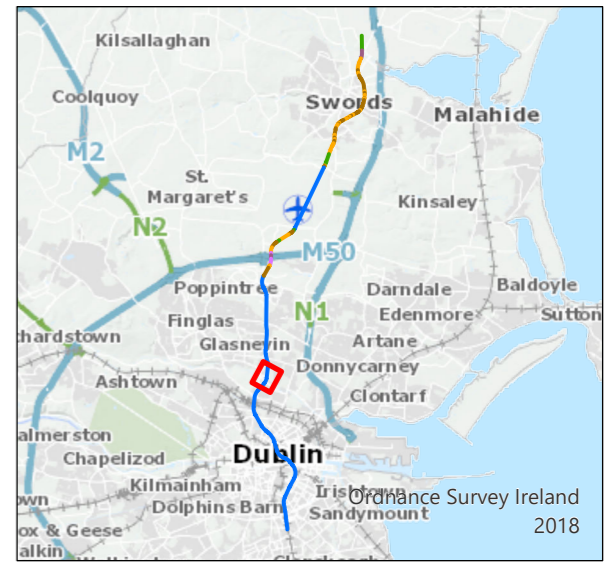
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.





### Legend

- Alignment**
  - Tunnel
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm
- Station Locations**
  - Station Locations
- Project Boundary**
  - Project Boundary
- Geographic Split**
  - AZ4 Northwood to Charlemont
- Settlement Contours**
  - 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd

**JACOBS**  
**IDOM**

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

Project  
**METROLINK**

Drawing Title  
Figure 20.16 Settlement Contours  
Sheet 21 of 30

Drawing Status  
Final

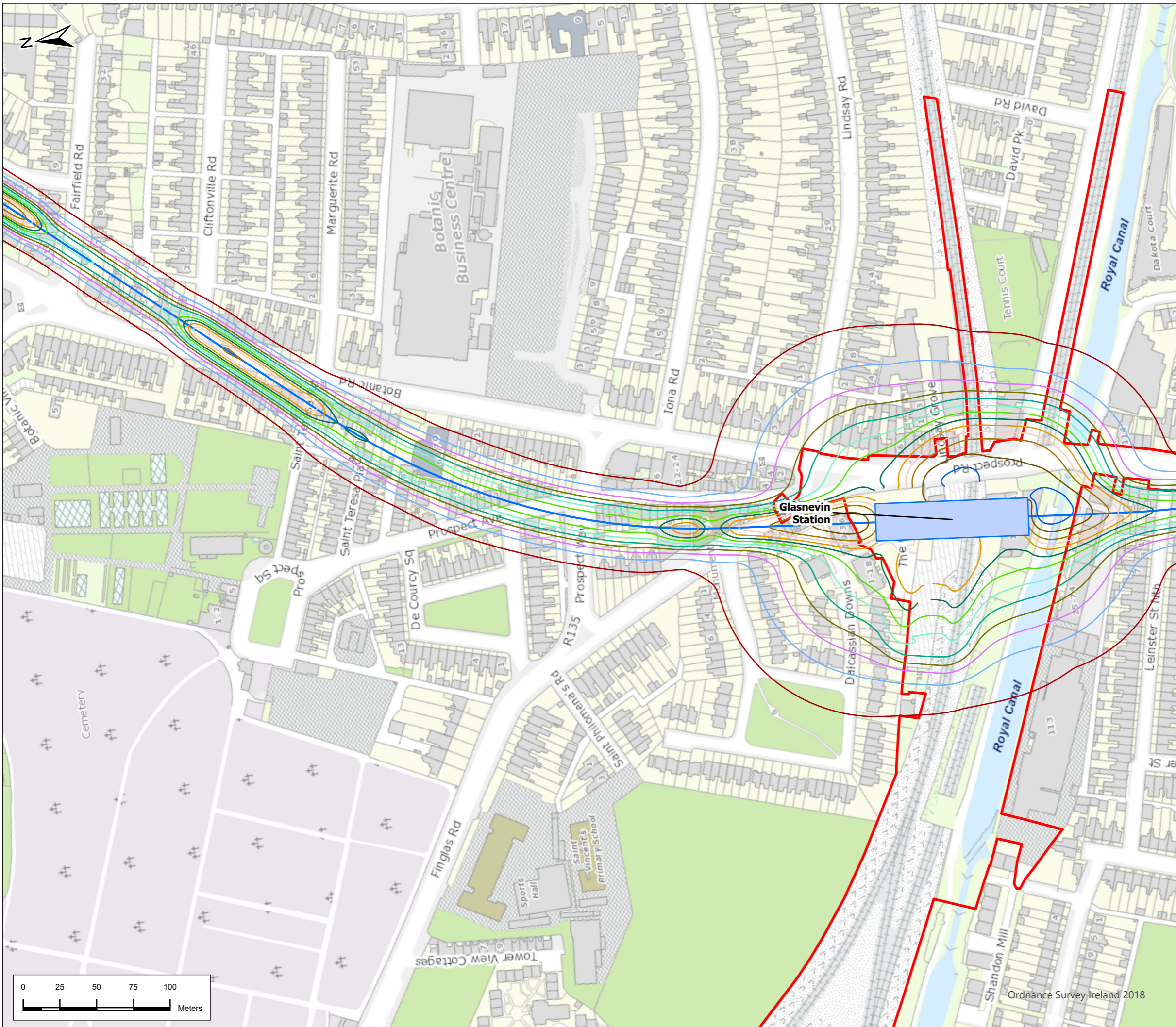
Scale @ A3  
1:2,500  
DO NOT SCALE

Jacobs No.  
32108600

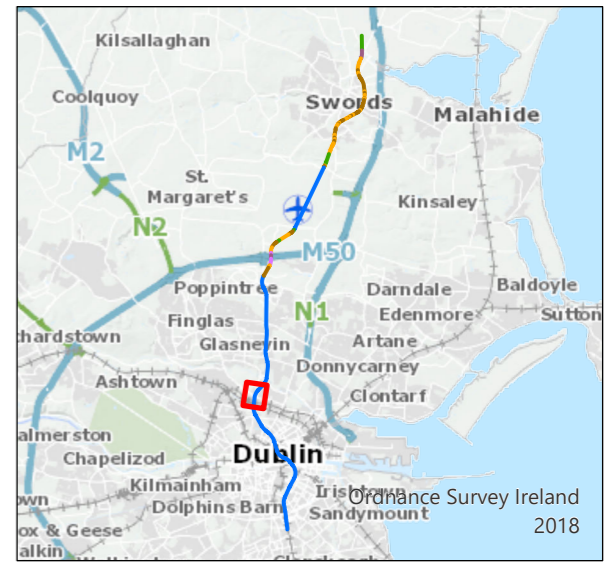
Drawing No.  
ML1-JAI-EIA-ROUT\_XX-DR-Y-21141  
Rev  
P02

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
    - Project Boundary
  - Geographic Split**
    - AZ4 Northwood to Charlemont
  - Settlement Contours**
    - 1mm
    - 5mm
    - 10mm
    - 15mm
    - 20mm
    - 25mm
    - 30mm
    - 35mm
    - 40mm
    - 45mm
    - 50mm
    - 60mm
    - 70mm
    - 80mm
    - 90mm
    - 100mm
    - 110mm
    - 120mm
    - 130mm
    - 140mm
    - 150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

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

Project  
**METROLINK**

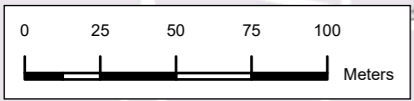
Drawing Title  
Figure 20.16 Settlement Contours  
Sheet 22 of 30

Drawing Status  
Final

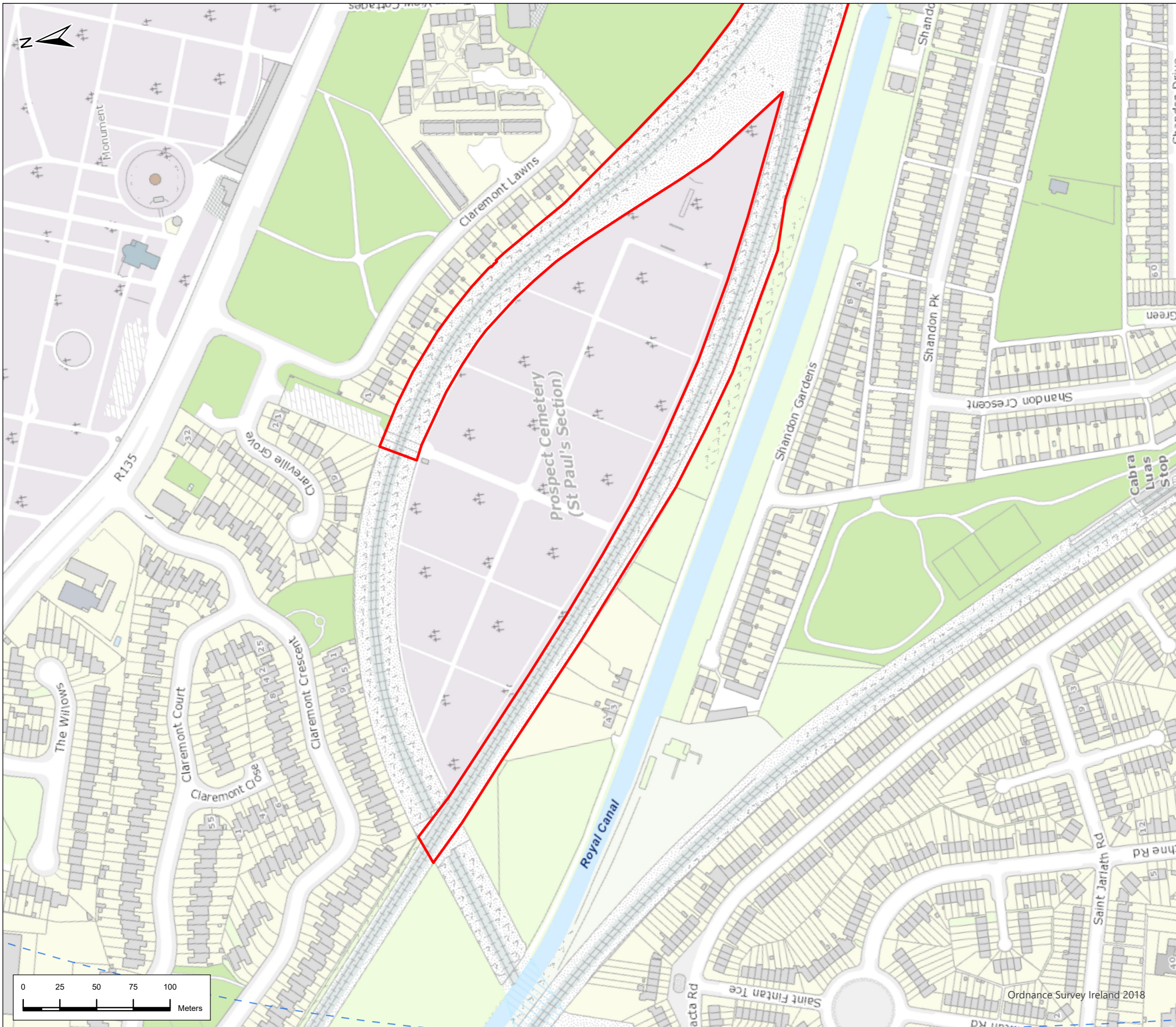
Scale @ A3  
1:2,500  
DO NOT SCALE

Jacobs No.  
32108600

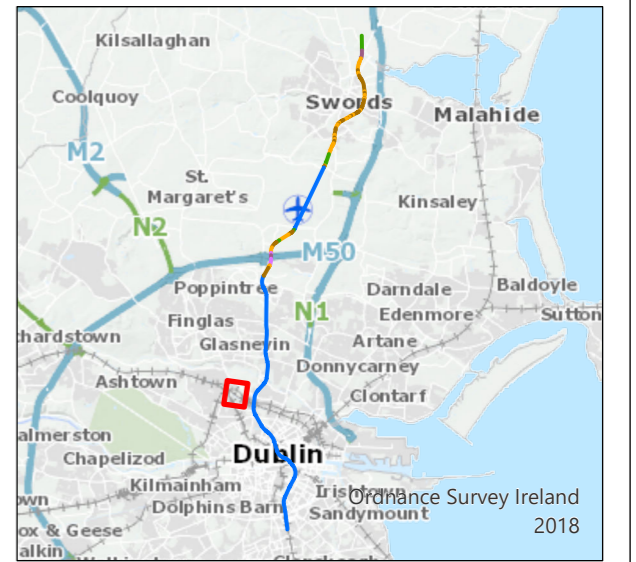
Drawing No.  
ML1-JAI-EIA-ROUT\_XX-DR-Y-21142  
Rev  
P02







- ### Legend
- Station Locations
  - Project Boundary
- ### Geographic Split
- AZ4 Northwood to Charlemont
- ### Settlement Contours
- 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

**TII**  
Bonnegar Iompair Éireann  
Transport Infrastructure Ireland

**METROLINK**

Drawing Title: **Figure 20.16 Settlement Contours Sheet 23 of 30**

Drawing Status: **Final**

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

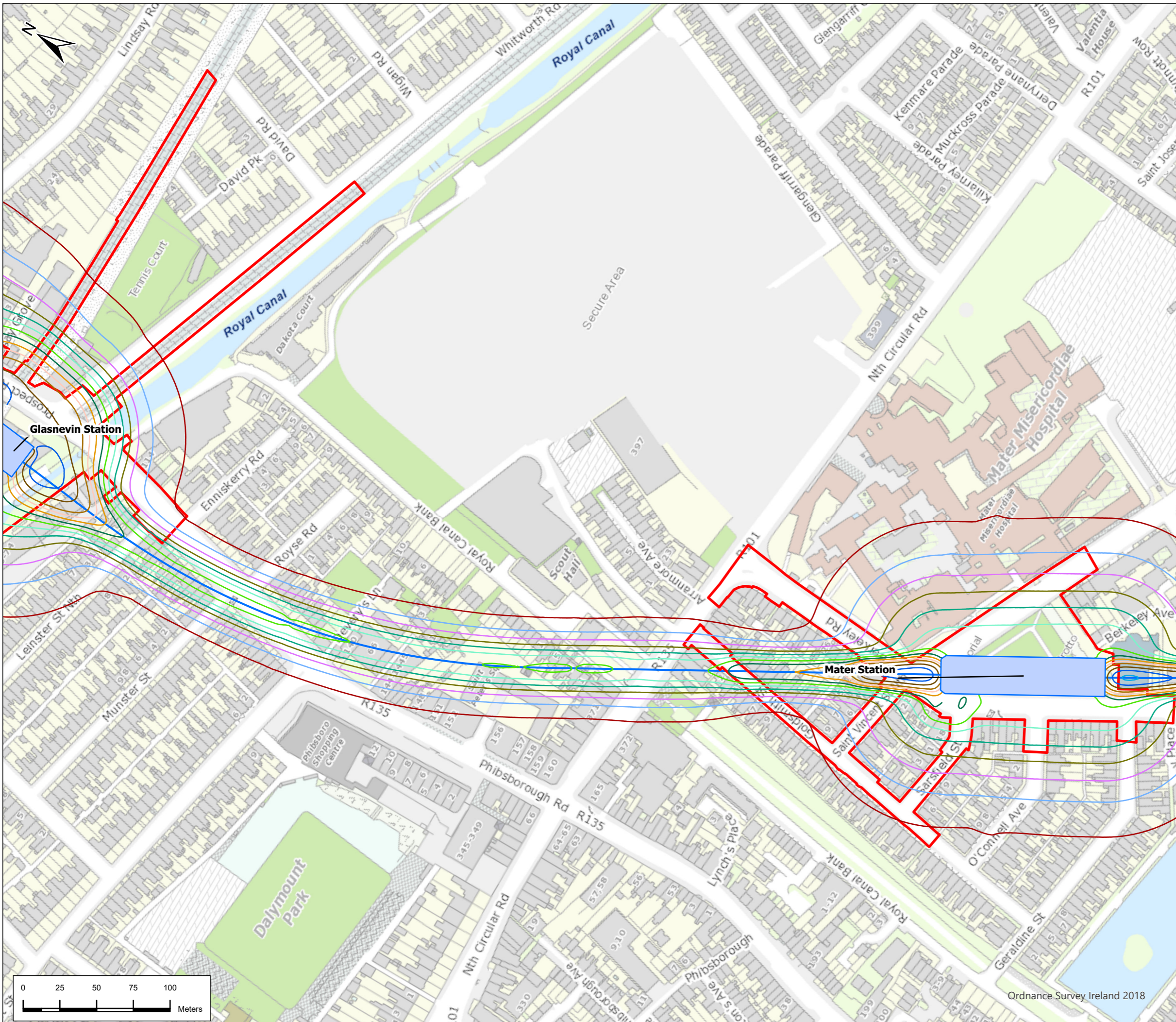
Jacobs No. 32108600

Client No.

Drawing No. **ML1-JAI-EIA-ROUT\_XX-DR-Y-21143** Rev **P02**

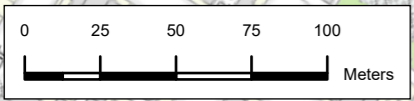
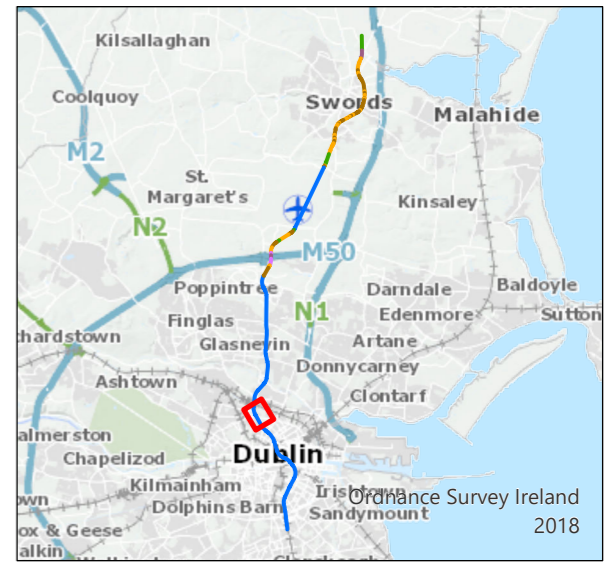
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.





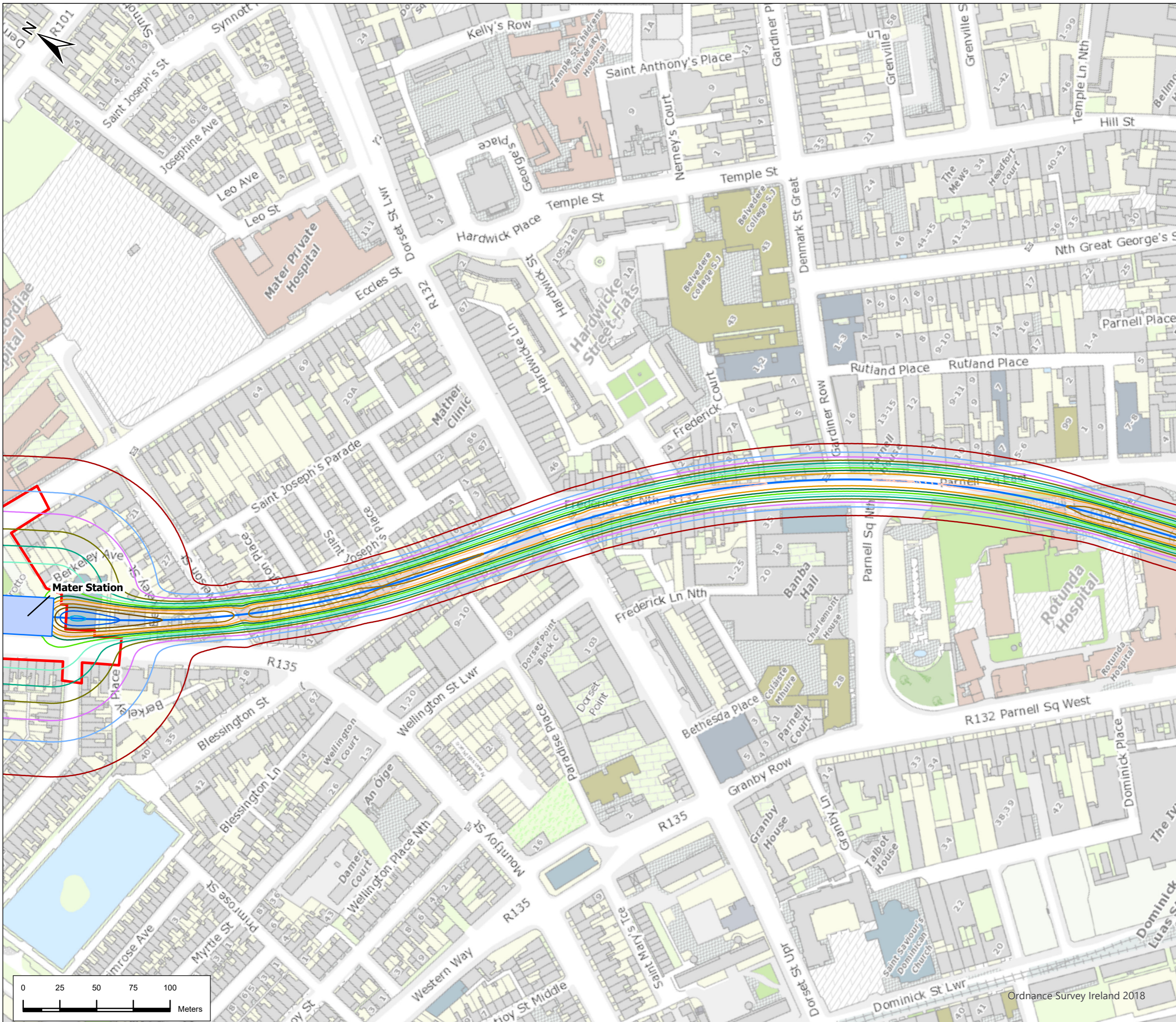
### Legend

<b>Alignment</b>	35mm
Tunnel	40mm
Station Locations	45mm
Project Boundary	50mm
<b>Geographic Split</b>	60mm
AZ4 Northwood to Charlemont	70mm
<b>Settlement Contours</b>	80mm
1mm	90mm
5mm	100mm
10mm	110mm
15mm	120mm
20mm	130mm
25mm	140mm
30mm	150mm



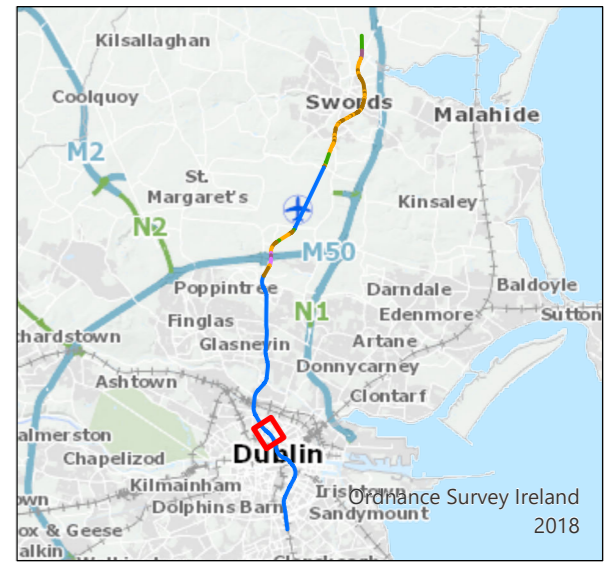
P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
		<b>JACOBS</b>				
		<b>IDOM</b>				
Client		<b>TII</b>				
Project		<b>METROLINK</b>				
Drawing Title		Figure 20.16 Settlement Contours Sheet 24 of 30				
Drawing Status		Final				
Scale @ A3		1:2,500	DO NOT SCALE			
Jacobs No.		32108600				
Client No.						
Drawing No.		ML1-JAI-EIA-ROUT_XX-DR-Y-21144				Rev P02





### Legend

- Alignment**
  - Tunnel
  - Station Locations
  - Project Boundary
- Geographic Split**
  - AZ4 Northwood to Charlemont
- Settlement Contours**
  - 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

**TII**  
Bonnegar Iompair Éireann  
Transport Infrastructure Ireland

**METROLINK**

Drawing Title  
**Figure 20.16 Settlement Contours**  
Sheet 25 of 30

Drawing Status: **Final**

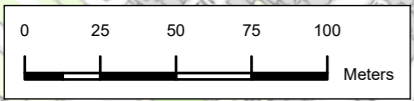
Scale @ A3: 1:2,500 DO NOT SCALE

Jacobs No. 32108600

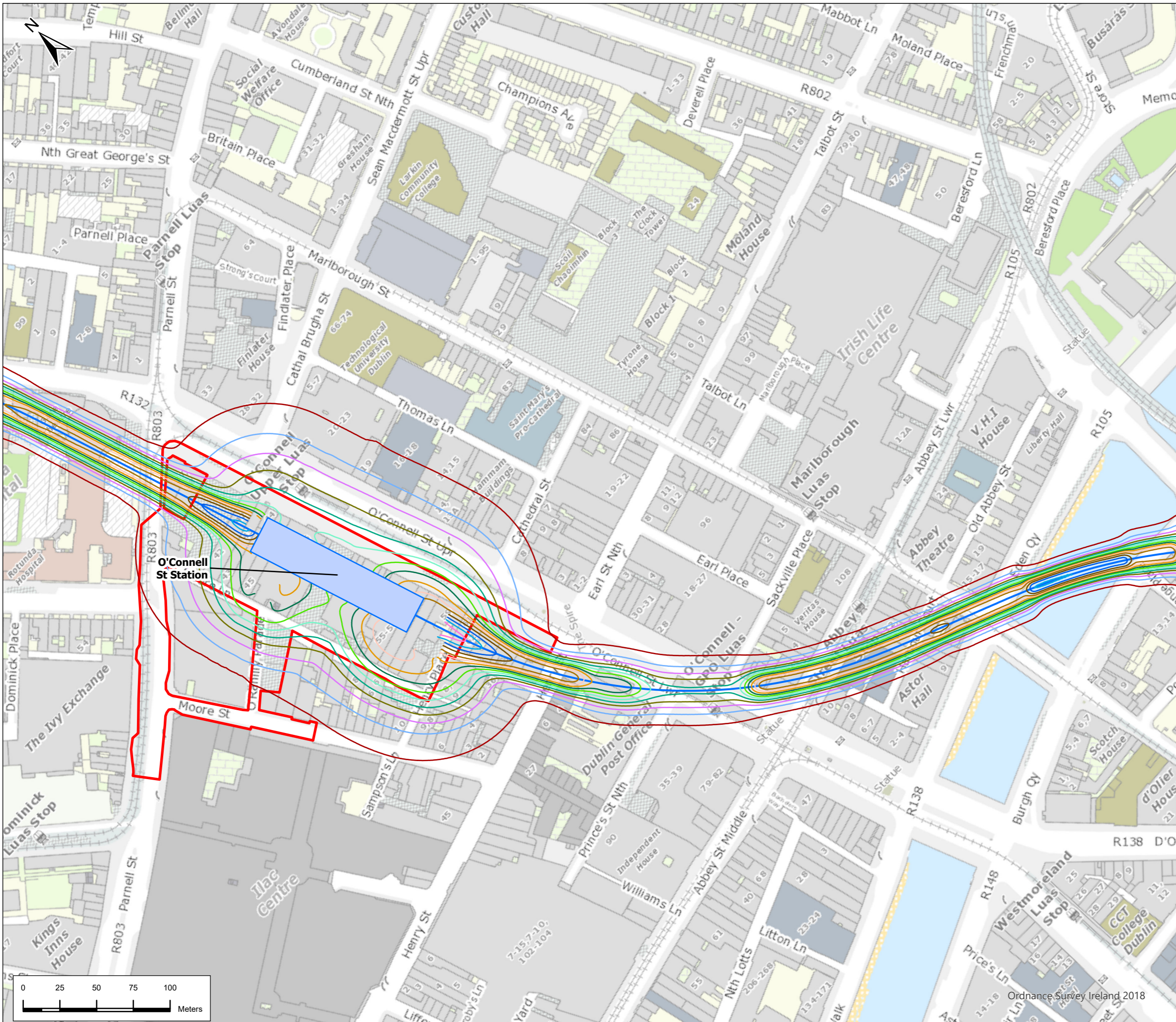
Client No.

Drawing No. **ML1-JAI-EIA-ROUT\_XX-DR-Y-21145** 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
  - Project Boundary
- Geographic Split**
  - AZ4 Northwood to Charlemont
- Settlement Contours**
  - 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

**TII**  
Bonnegar Iompair Éireann  
Transport Infrastructure Ireland

**METROLINK**

Drawing Title: **Figure 20.16 Settlement Contours Sheet 26 of 30**

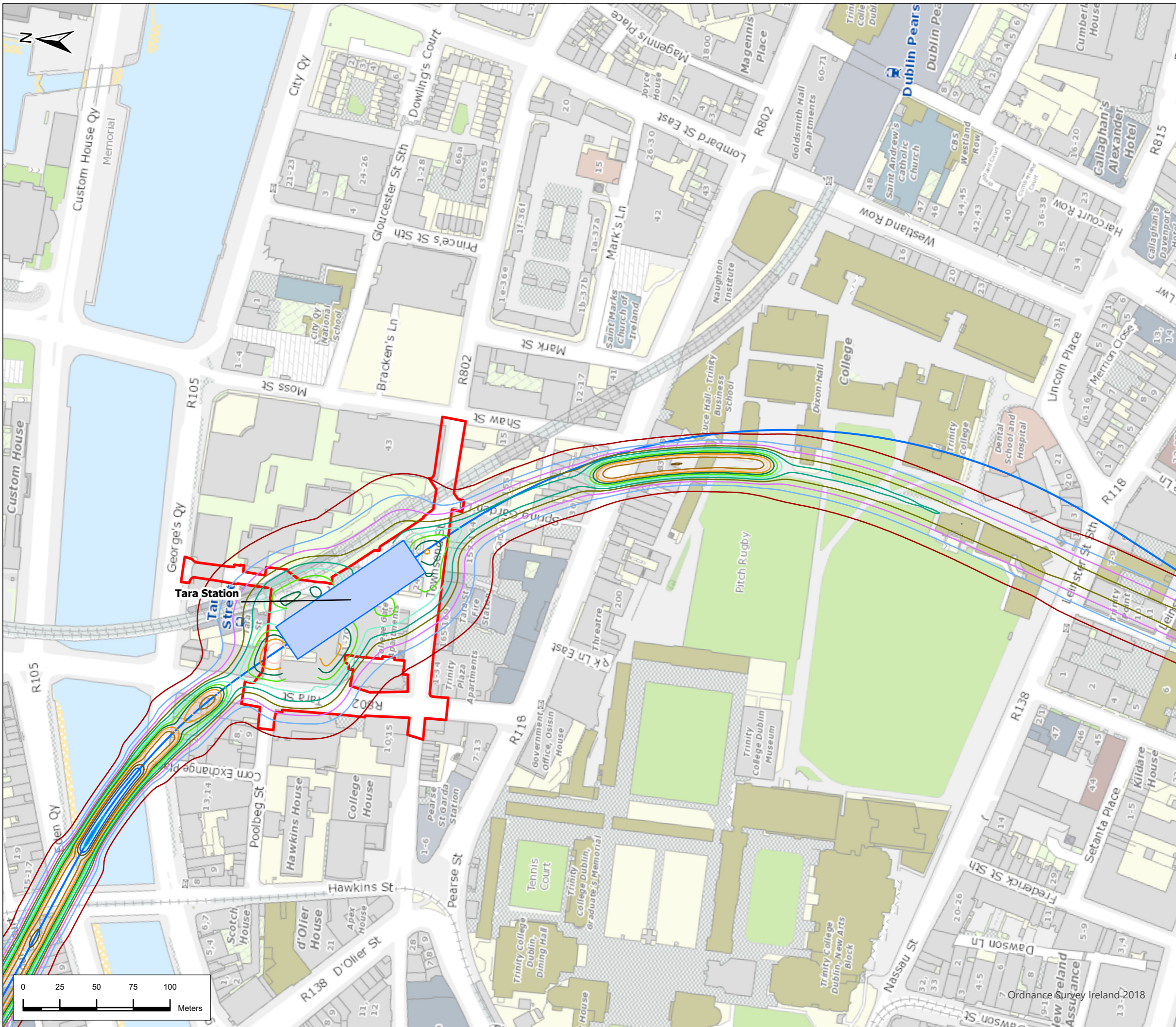
Drawing Status: **Final**

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

Jacobs No.: 32108600  
Client No.:  
Drawing No.: **ML1-JAI-EIA-ROUT\_XX-DR-Y-21146** Rev **P02**

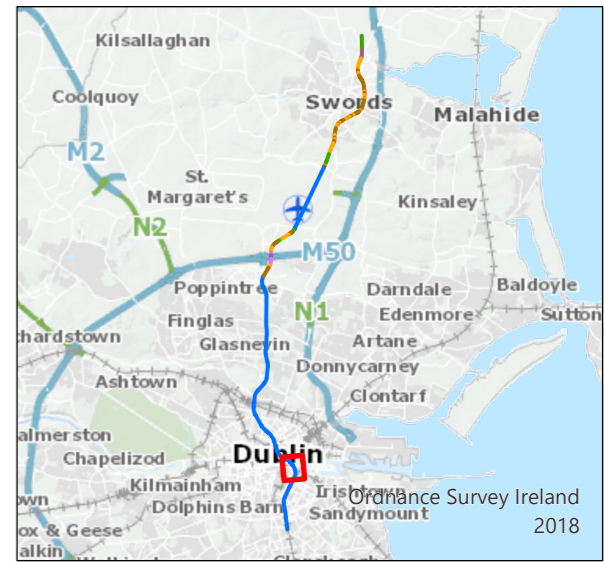
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.





### Legend

- Alignment**
  - Tunnel
  - Station Locations
  - Project Boundary
- Geographic Split**
  - AZ4 Northwood to Charlemont
- Settlement Contours**
  - 1mm
  - 5mm
  - 10mm
  - 15mm
  - 20mm
  - 25mm
  - 30mm
  - 35mm
  - 40mm
  - 45mm
  - 50mm
  - 60mm
  - 70mm
  - 80mm
  - 90mm
  - 100mm
  - 110mm
  - 120mm
  - 130mm
  - 140mm
  - 150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd



Client

Project

Drawing Title

Figure 20.16 Settlement Contours  
Sheet 27 of 30

Drawing Status

Final

Scale @ A3

1:2,500

JACOBS No.

32108600

Client No.

Drawing No.

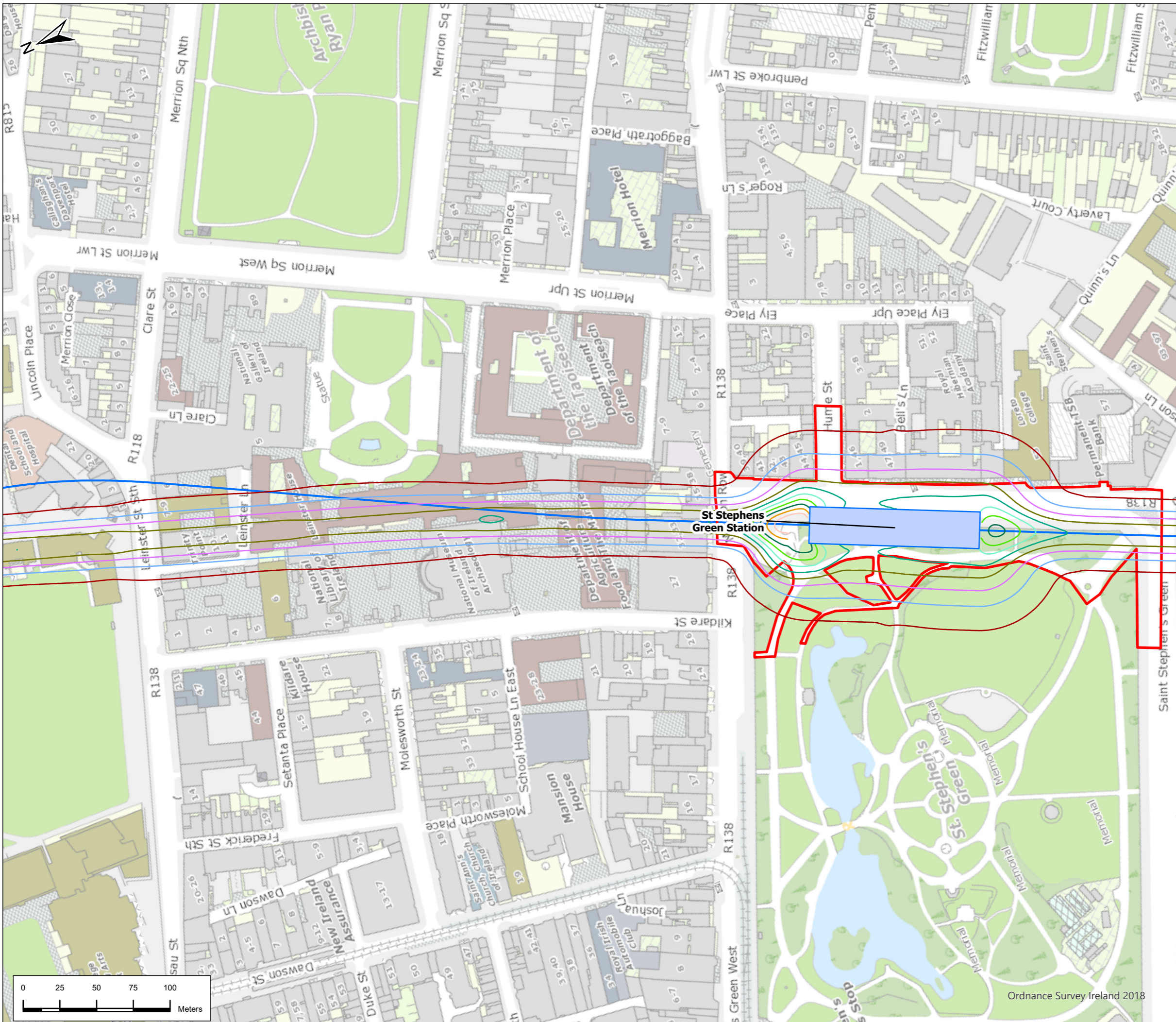
ML1-JAI-EIA-ROUT\_XX-DR-Y-21147

Rev

P02

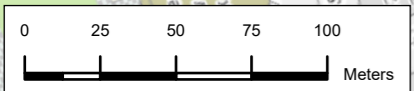
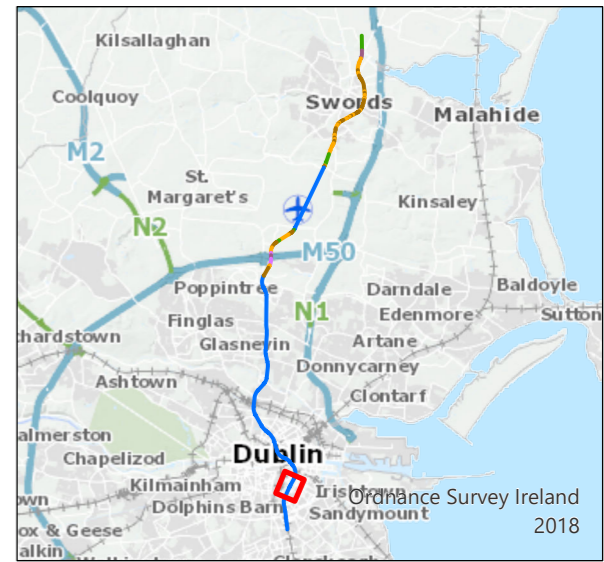
This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.





### Legend

<b>Alignment</b>	35mm
Tunnel	40mm
Station Locations	45mm
Project Boundary	50mm
<b>Geographic Split</b>	60mm
AZ4 Northwood to Charlemont	70mm
<b>Settlement Contours</b>	80mm
1mm	90mm
5mm	100mm
10mm	110mm
15mm	120mm
20mm	130mm
25mm	140mm
30mm	150mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

**JACOBS**  
**IDOM**

Client  
**TII**  
Bonnegar Iompar Eireann  
Transport Infrastructure Ireland

Project  
**METROLINK**

Drawing Title  
Figure 20.16 Settlement Contours  
Sheet 28 of 30

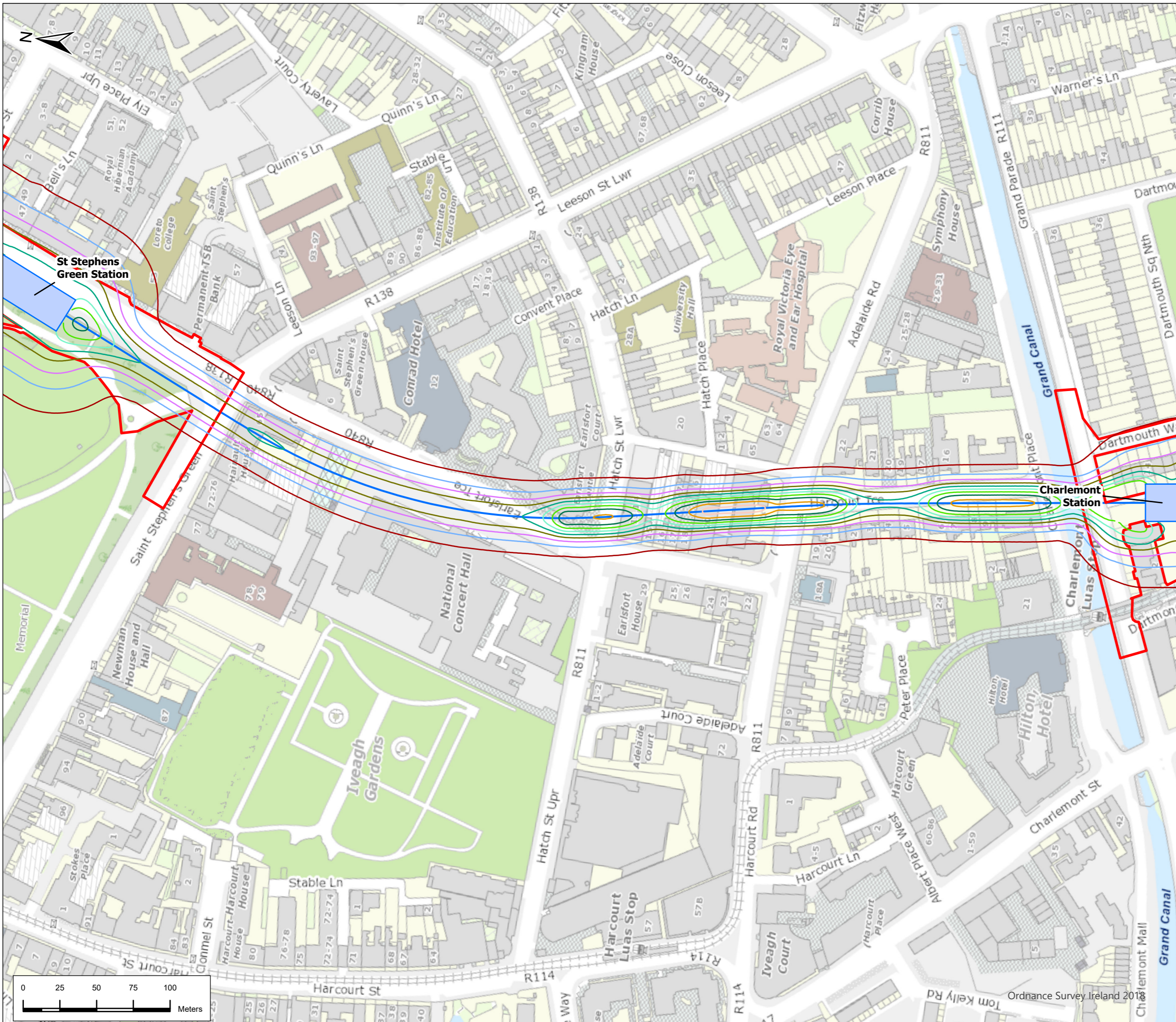
Drawing Status  
Final

Scale @ A3  
1:2,500  
DO NOT SCALE

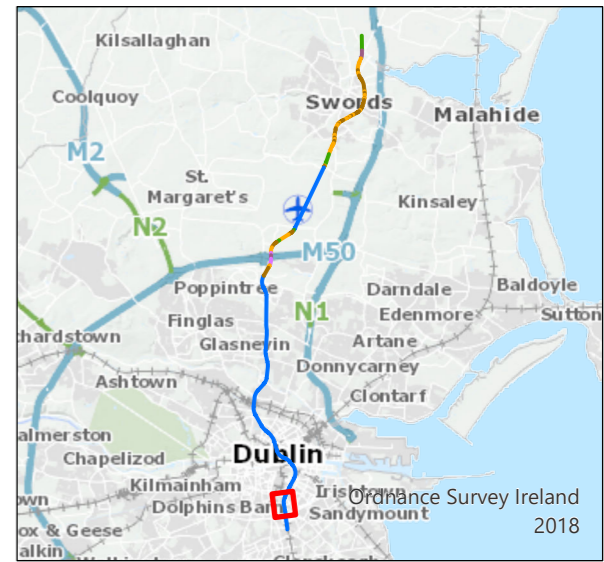
Jacobs No.  
32108600

Drawing No.  
ML1-JAI-EIA-ROUT\_XX-DR-Y-21148  
Rev  
P02



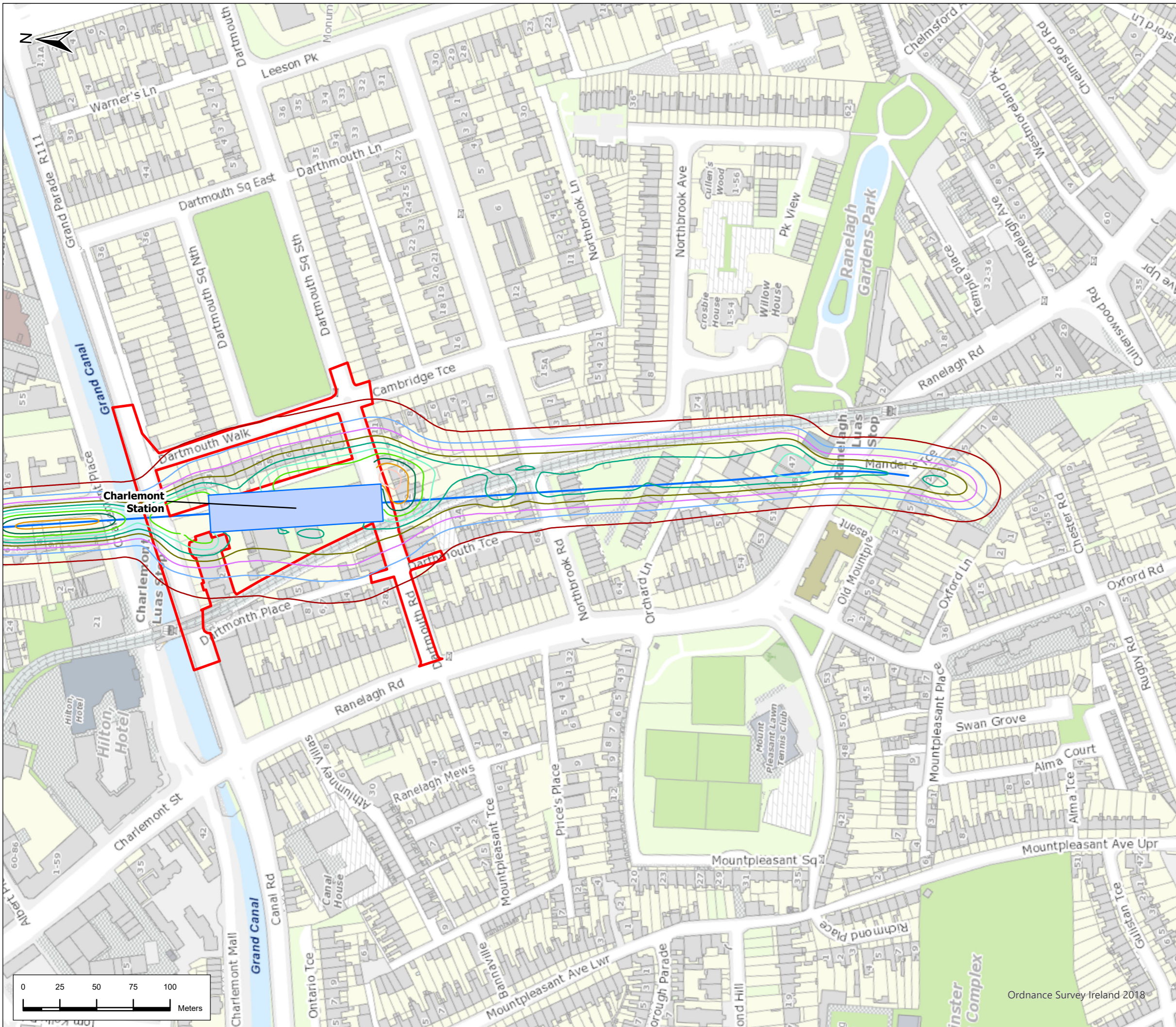


- ### Legend
- Alignment**
    - Tunnel
    - Station Locations
    - Project Boundary
  - Geographic Split**
    - AZ4 Northwood to Charlemont
  - Settlement Contours**
    - 1mm
    - 5mm
    - 10mm
    - 15mm
    - 20mm
    - 25mm
    - 30mm
    - 35mm
    - 40mm
    - 45mm
    - 50mm
    - 60mm
    - 70mm
    - 80mm
    - 90mm
    - 100mm
    - 110mm
    - 120mm
    - 130mm
    - 140mm
    - 150mm

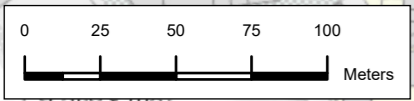
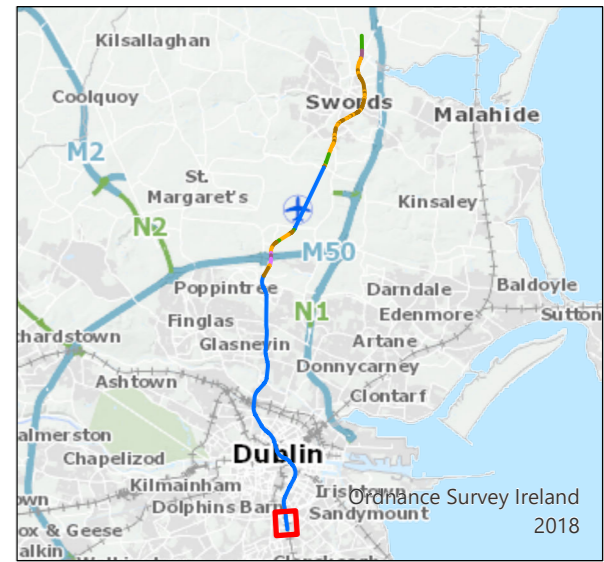


P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Drawing Title		Figure 20.16 Settlement Contours Sheet 29 of 30				
Drawing Status		Final				
Scale @ A3	1:2,500	DO NOT SCALE				
Jacobs No.	32108600					
Client No.						
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-21149					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**
    - 35mm
    - 40mm
    - 45mm
    - 50mm
    - 60mm
    - 70mm
    - 80mm
    - 90mm
    - 100mm
    - 110mm
    - 120mm
    - 130mm
    - 140mm
    - 150mm
  - Station Locations**
    - Tunnel
  - Project Boundary**
  - Geographic Split**
    - AZ4 Northwood to Charlemont
  - Settlement Contours**
    - 1mm
    - 5mm
    - 10mm
    - 15mm
    - 20mm
    - 25mm
    - 30mm



P02	8/12/2022	Final Issue	JL	RH	RH	NC
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
			Client			
			Project			
			Drawing Title			
			Figure 20.16 Settlement Contours Sheet 30 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-21150	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.						