

### Legend

Alignment

Surface

Viaduct

Station Locations

Project Boundary

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

35mm

40mm

45mm

50mm

60mm

70mm

80mm

90mm

100mm

110mm

120mm

130mm

140mm

150mm

P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

JACOBS  
IDOM

Client  
TII  
Bonneagar Ionpair Éireann  
Transport Infrastructure Ireland

Project  
METROLINK

Drawing Title  
Figure 20.16 Settlement Contours  
(Hatch St. and Leinster St. Pumping station included)  
Sheet 1 of 28

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  
P03

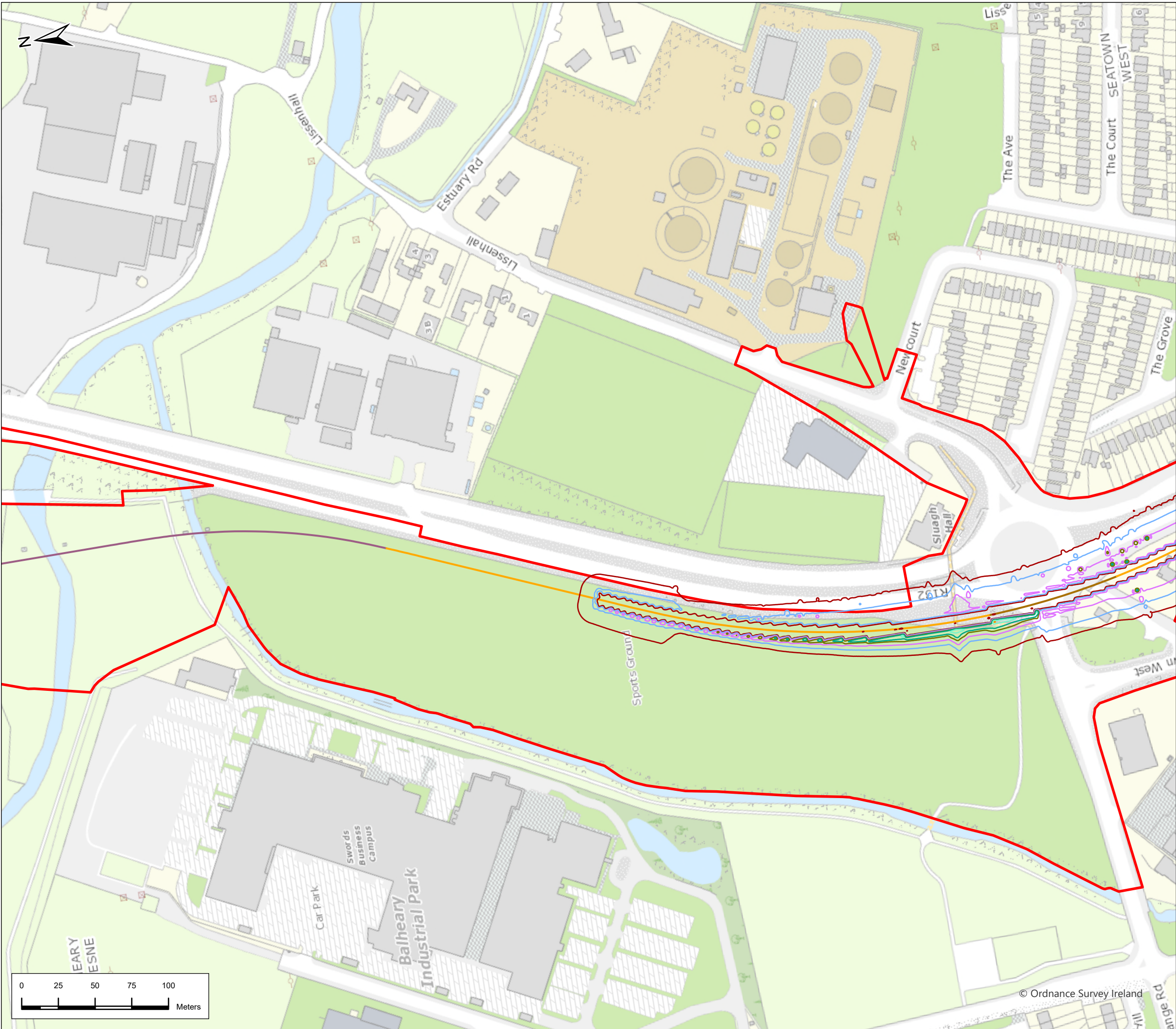
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Path: \\aunroe-jacobs.com\Dublin\DATA\3\ES\Maping\Working\ESAR\_Drawing\CH 20 - Fig 20.16 Settlement Contours.aprx





### Legend

Alignment

Cut & Cover

Retained Cut

Viaduct

Station Locations

Project Boundary

30mm

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

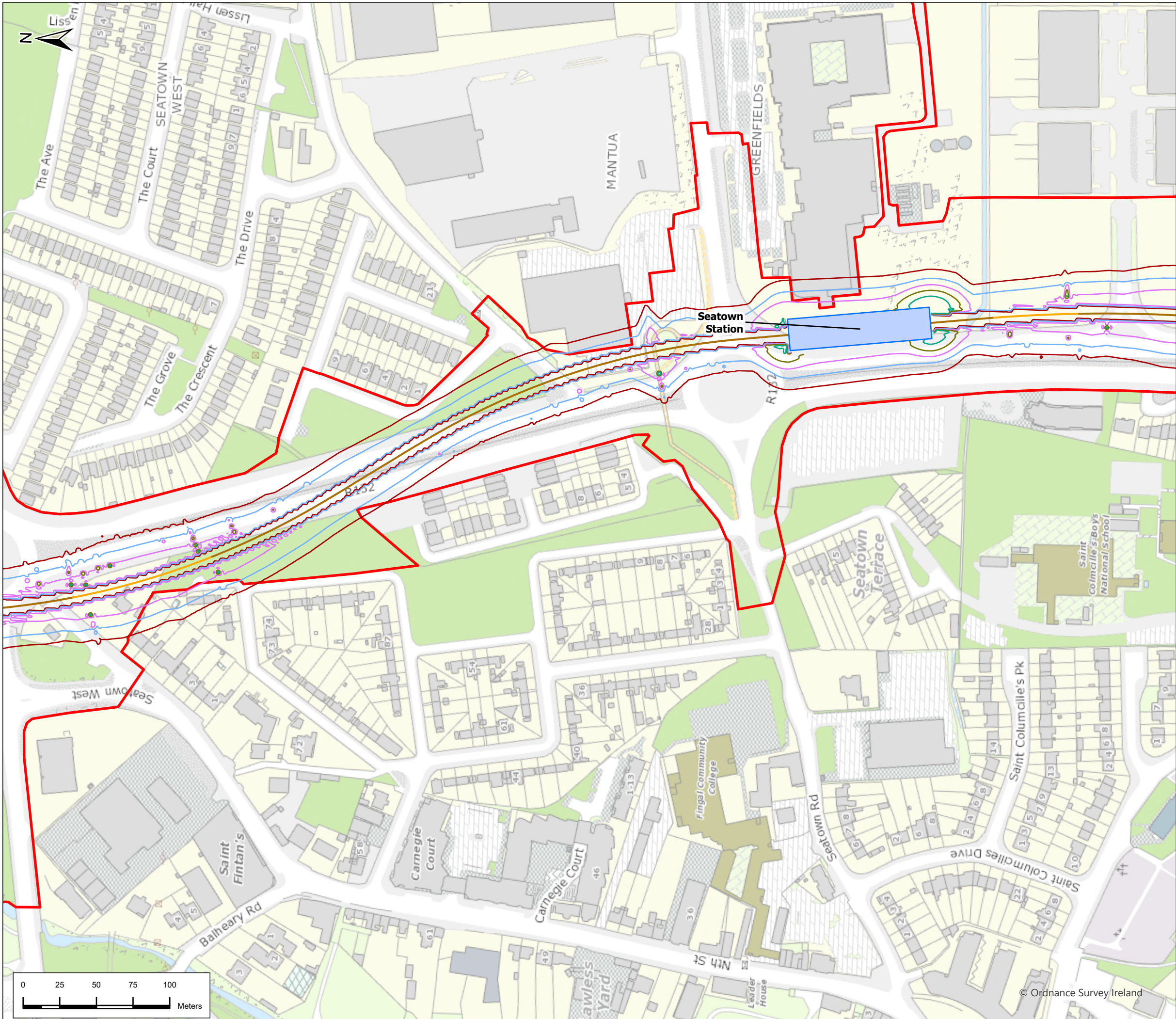
P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
<div><div>JACOBS</div><div>IDOM</div></div>						
<div>Client</div> <div><div>TII</div><div>Bonneagar Iompair Éireann</div><div>Transport Infrastructure Ireland</div></div>						
<div>Project</div> <div><div>METROLINK</div></div>						
<div>Drawing Title</div> <div>Figure 20.16 Settlement Contours (Hatch St. and Leinster St. Pumping station included) Sheet 2 of 28</div>						
<div>Drawing Status</div> <div>Final</div>						
Scale @ A3		1:2,500	DO NOT SCALE			
Jacobs No.		32108600				
Client No.						
Drawing No.		ML1-JAI-EIA-ROUT_XX-DR-Y-21122				Rev P03
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Path: \\uonpe-jacobs.com\Dublin\DATA\3\ESAR\Map\Working\ESAR\_Drawing\CH 20 - Fig 20.16 Settlement Contours.aprx





### Legend

Alignment

Cut & Cover

Retained Cut

Station Locations

Project Boundary

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

35mm

40mm

45mm

50mm

60mm

70mm

80mm

90mm

100mm

110mm

120mm

130mm

140mm

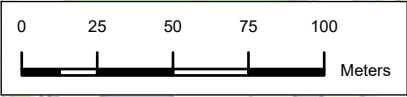
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P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
<div><div>JACOBS</div><div>IDOM</div></div>						
<div>Client</div> <div><div>TII</div><div>Bonneagar Iompair Éireann</div><div>Transport Infrastructure Ireland</div></div>						
<div>Project</div> <div><div>METROLINK</div></div>						
<div>Drawing Title</div> <div>Figure 20.16 Settlement Contours (Hatch St. and Leinster St. Pumping station included) Sheet 3 of 28</div>						
<div>Drawing Status</div> <div>Final</div>						
Scale @ A3		1:2,500	DO NOT SCALE			
Jacobs No.		32108600				
Client No.						
Drawing No.		ML1-JAI-EIA-ROUT_XX-DR-Y-21123	Rev		P03	
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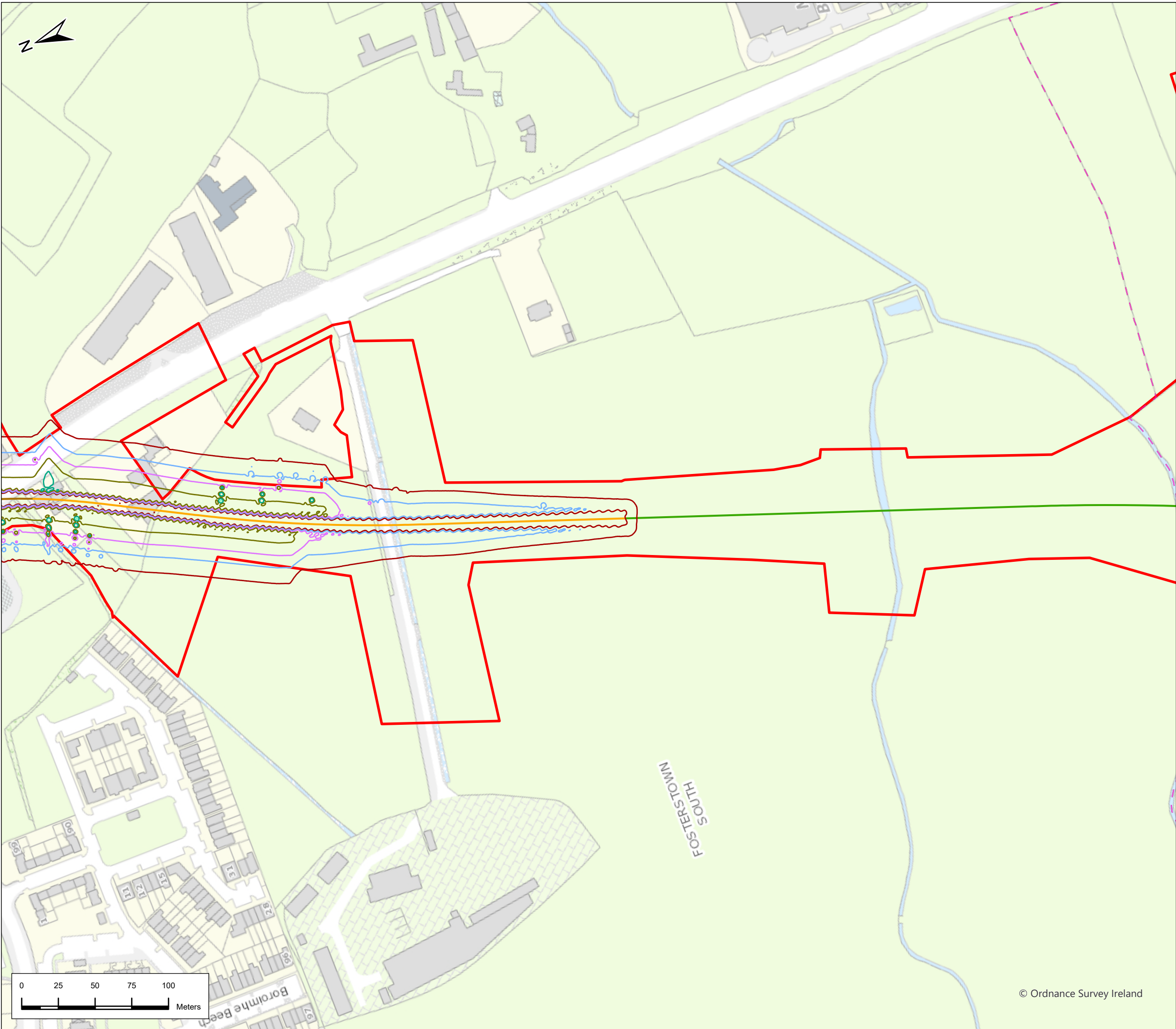












### Legend

Alignment

Cut & Cover

Retained Cut

Surface

Station Locations

Project Boundary

30mm

35mm

40mm

45mm

50mm

60mm

70mm

80mm

90mm

100mm

110mm

120mm

130mm

140mm

150mm

Geographic Split

AZ1 Northern Section

AZ2 Airport Section

Settlement Contours

1mm

5mm

10mm

15mm

20mm

25mm

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Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd

JACOBS


IDOM

Client



Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project



Drawing Title

Figure 20.16 Settlement Contours  
(Hatch St. and Leinster St. Pumping station included)  
Sheet 8 of 28

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  
P03

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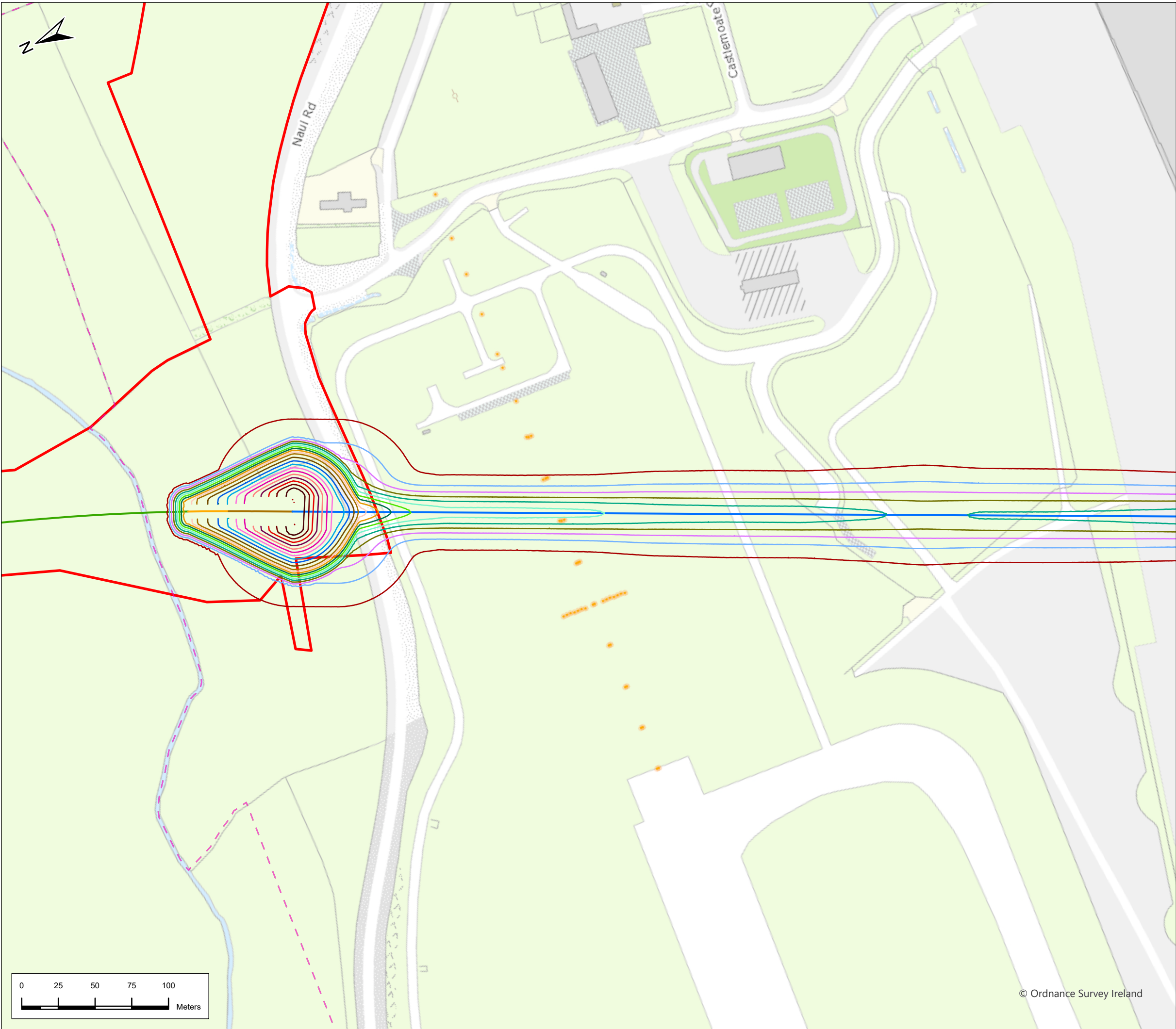
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### Legend

Alignment

Cut & Cover

Retained Cut

Surface

Tunnel

Station Locations

Project Boundary

25mm

30mm

35mm

40mm

45mm

50mm

60mm

70mm

80mm

90mm

100mm

110mm

120mm

130mm

140mm

150mm

Geographic Split

AZ1 Northern Section

AZ2 Airport Section

Settlement Contours

1mm

5mm

10mm

15mm

20mm

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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  
(Hatch St. and Leinster St. Pumping station included)  
Sheet 9 of 28

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-21128

Rev

P03

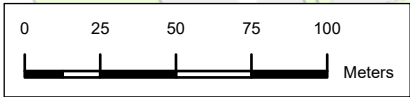
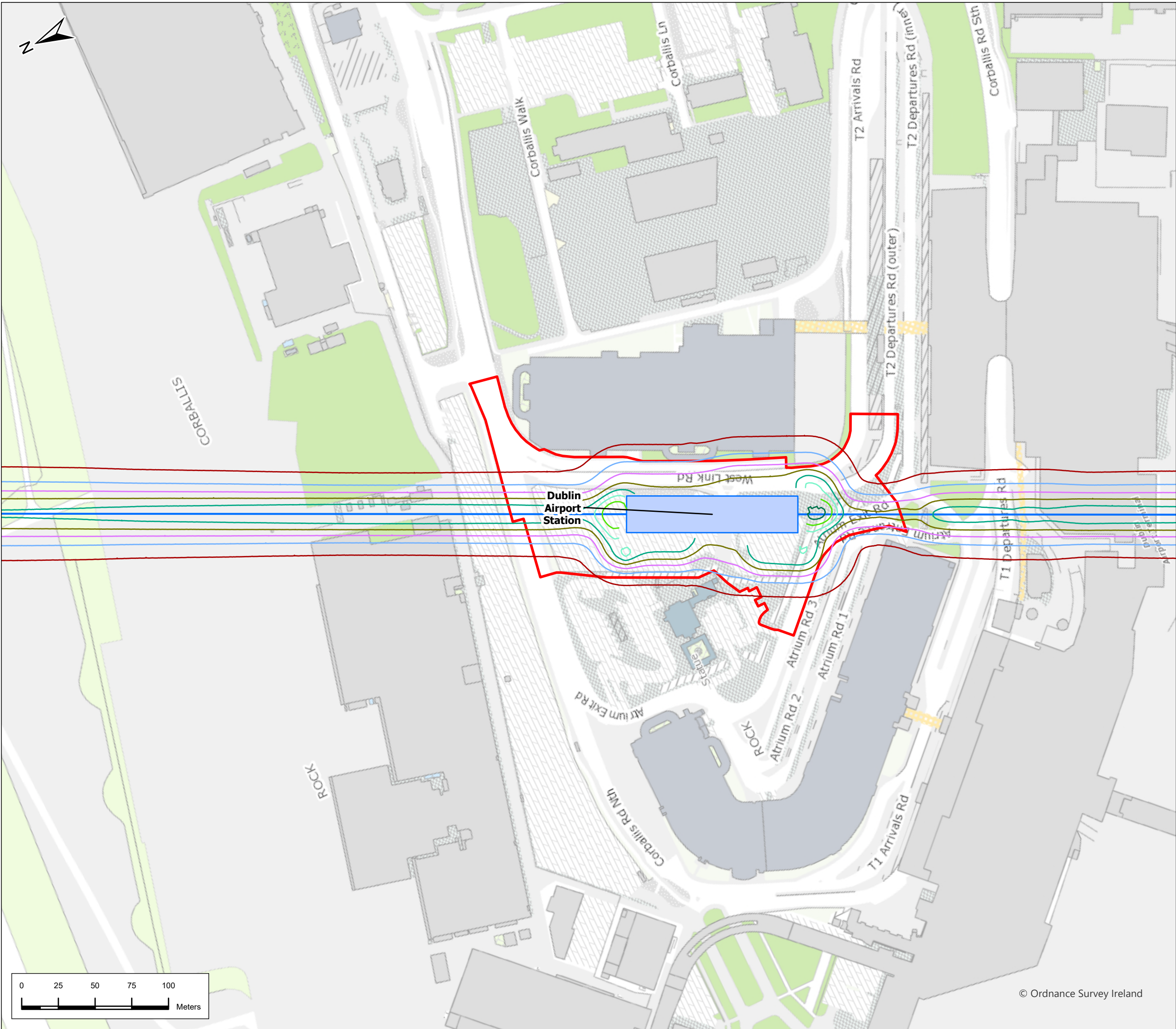
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### Legend

Alignment

Tunnel

Station Locations

Project Boundary

35mm

40mm

45mm

50mm

60mm

70mm

80mm

90mm

100mm

110mm

120mm

130mm

140mm

150mm

Geographic Split

AZ2 Airport Section

Settlement Contours

1mm

5mm

10mm

15mm

20mm

25mm

30mm

P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd

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IDOM

Client  
TII  
Bonneagair Iompair Éireann  
Transport Infrastructure Ireland

Project  
METROLINK

Drawing Title  
Figure 20.16 Settlement Contours  
(Hatch St. and Leinster St. Pumping station included)  
Sheet 10 of 28

Drawing Status  
Final

Scale @ A3  
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DO NOT SCALE

Jacobs No.  
32108600

Client No.

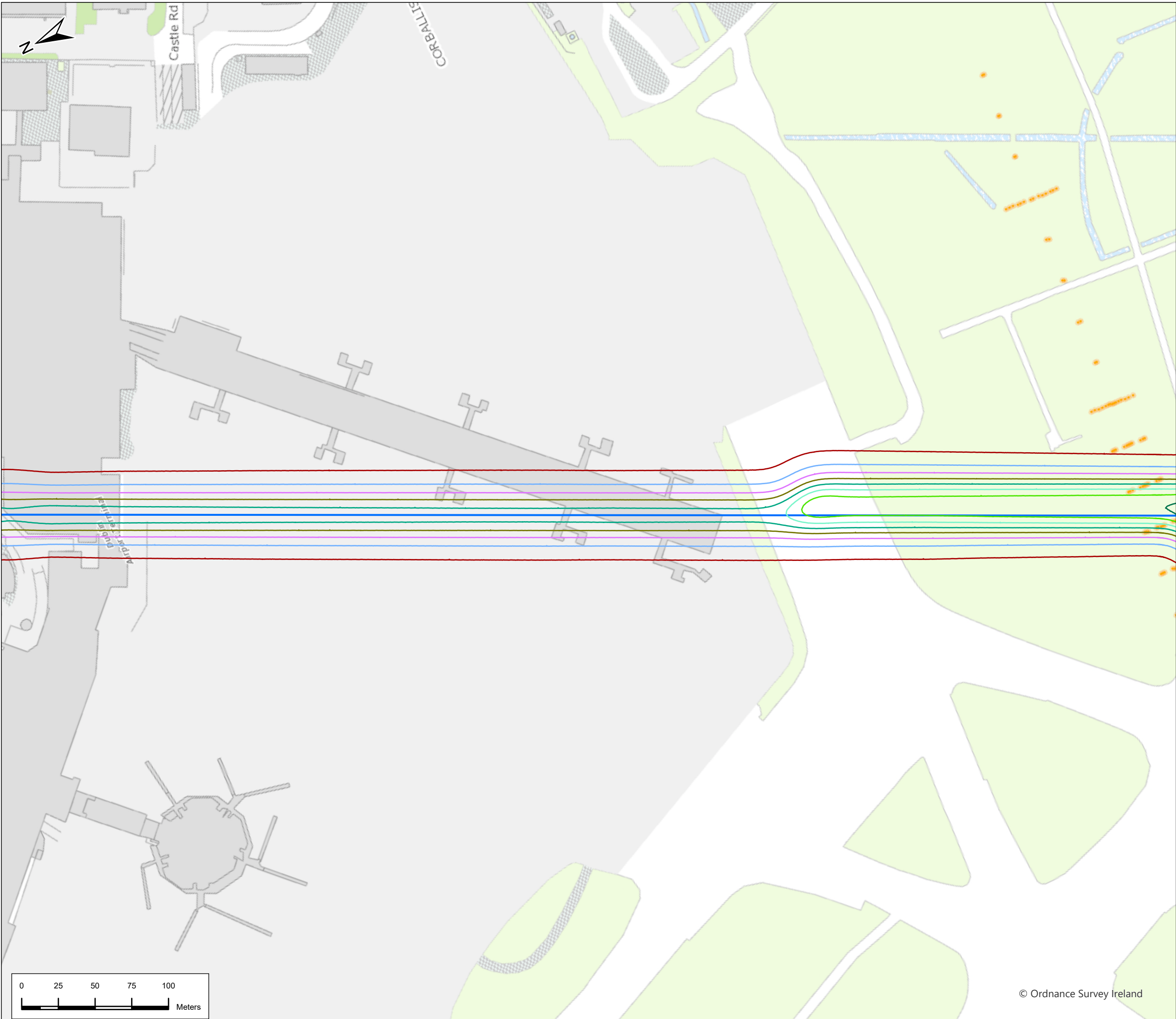
Drawing No.  
ML1-JAI-EIA-ROUT\_XX-DR-Y-21129

Rev  
P03

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### Legend

Alignment

Tunnel

Station Locations

Project Boundary

35mm

40mm

45mm

50mm

60mm

70mm

80mm

90mm

100mm

110mm

120mm

130mm

140mm

150mm

Geographic Split

AZ2 Airport Section

Settlement Contours

1mm

5mm

10mm

15mm

20mm

25mm

30mm

90mm

100mm

110mm

120mm

130mm

140mm

150mm

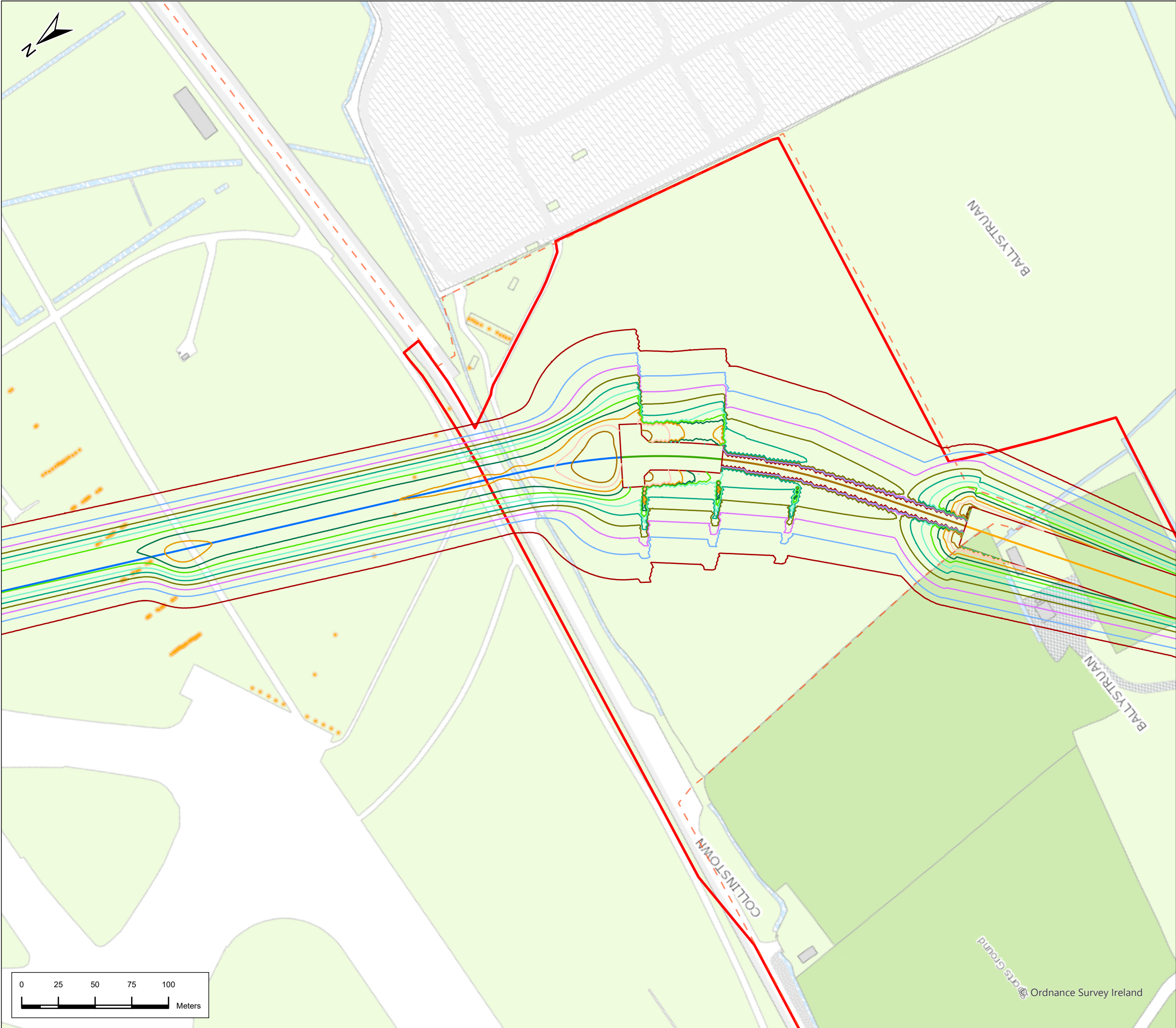
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Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
<div><div>JACOBS</div><div>IDOM</div></div>						
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| Project  METROLINK | | | | | | |

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### Legend

Alignment

Cut & Cover

Retained Cut

Surface

Tunnel

Station Locations

Project Boundary

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

P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
<div><div>JACOBS</div><div>IDOM</div></div>						
<div>Client</div> <div><div>TII</div><div>Bonneagar Iompair Éireann</div><div>Transport Infrastructure Ireland</div></div>						

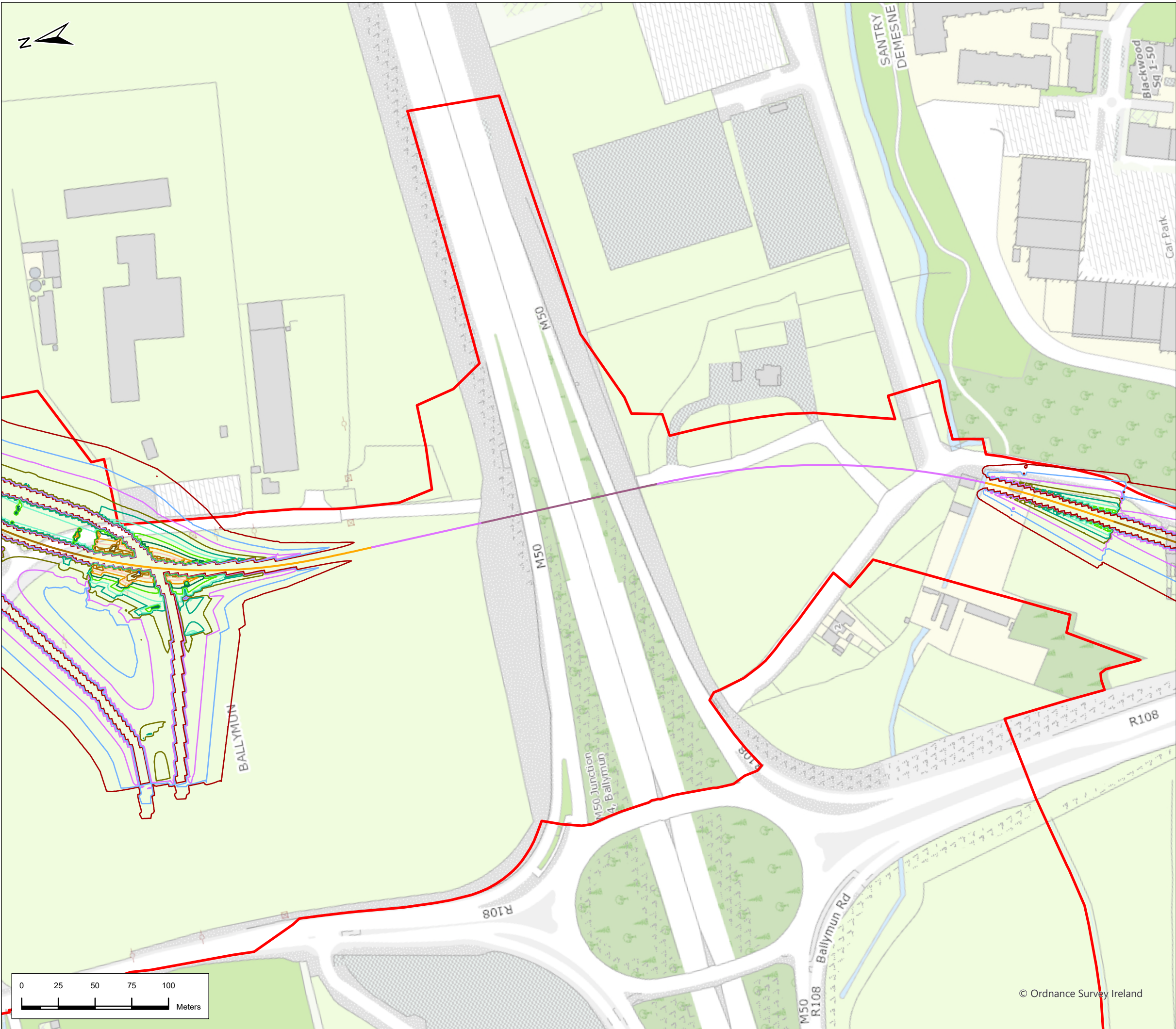
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Legend

- Alignment

Cut & Cover

Incline

Retained Cut

Viaduct

Station Locations

Project Boundary
- Geographic Split

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

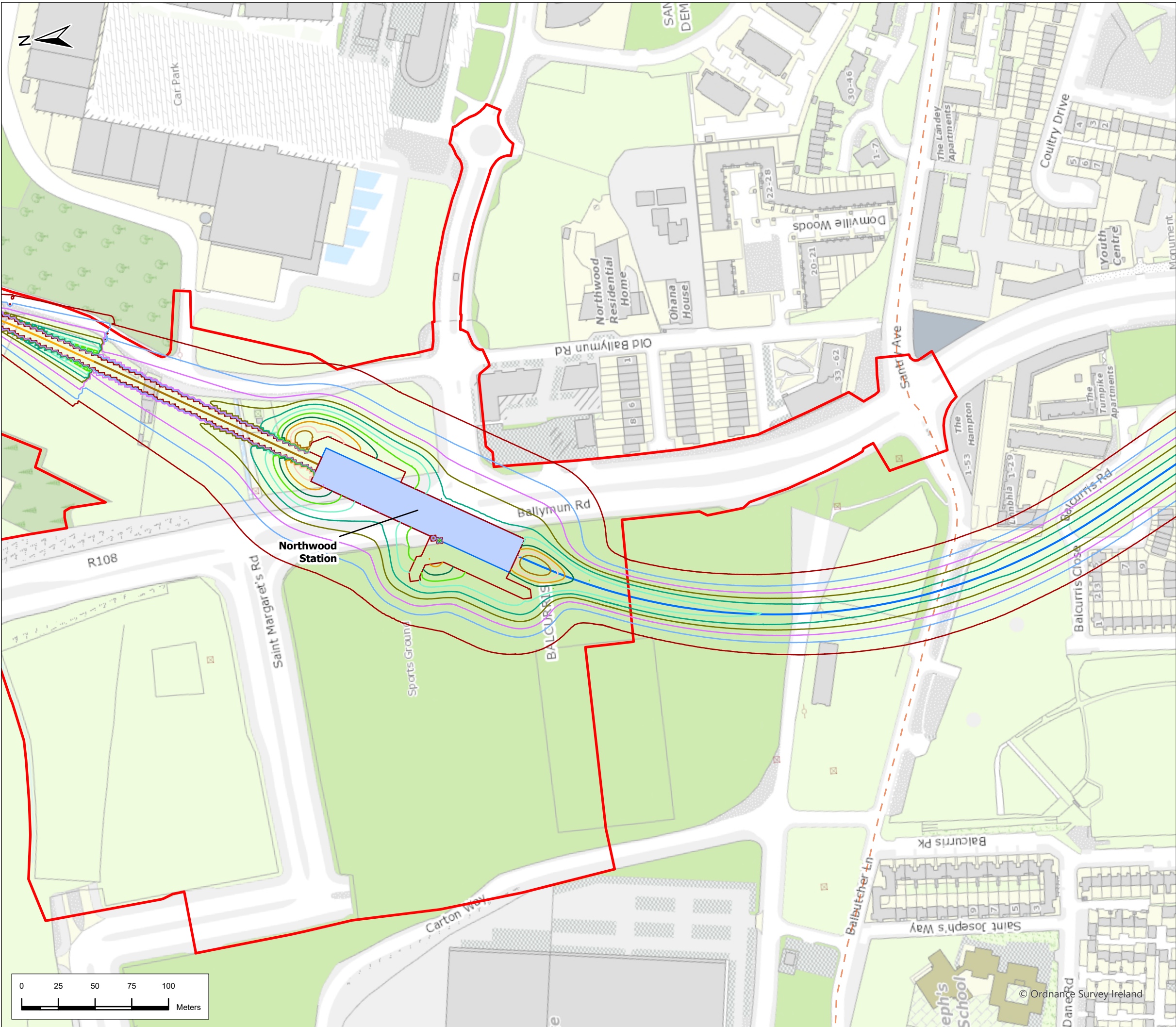
140mm

150mm



P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
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Client <div><div>TII</div><div>Bonneagar Ionpair Éireann</div><div>Transport Infrastructure Ireland</div></div>						
Project <div>METROLINK</div>						
Drawing Title <div>Figure 20.16 Settlement Contours</div> <div>(Hatch St. and Leinster St. Pumping station included)</div> <div>Sheet 14 of 28</div>						
Drawing Status <div>Final</div>						
Scale @ A3		1:2,500			DO NOT SCALE	
Jacobs No.		32108600				
Client No.						
Drawing No.						Rev
ML1-JAI-EIA-ROUT_XX-DR-Y-21133						P03
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### Legend

Alignment

Cut & Cover

Retained Cut

Tunnel

Station Locations

Project Boundary

30mm

35mm

40mm

45mm

50mm

60mm

70mm

80mm

90mm

100mm

110mm

120mm

130mm

140mm

150mm

Geographic Split

AZ3 Dardistown to Northwood

AZ4 Northwood to Charlemont

Settlement Contours

1mm

5mm

10mm

15mm

20mm

25mm

P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
<div><div>JACOBS</div><div>IDOM</div></div>						
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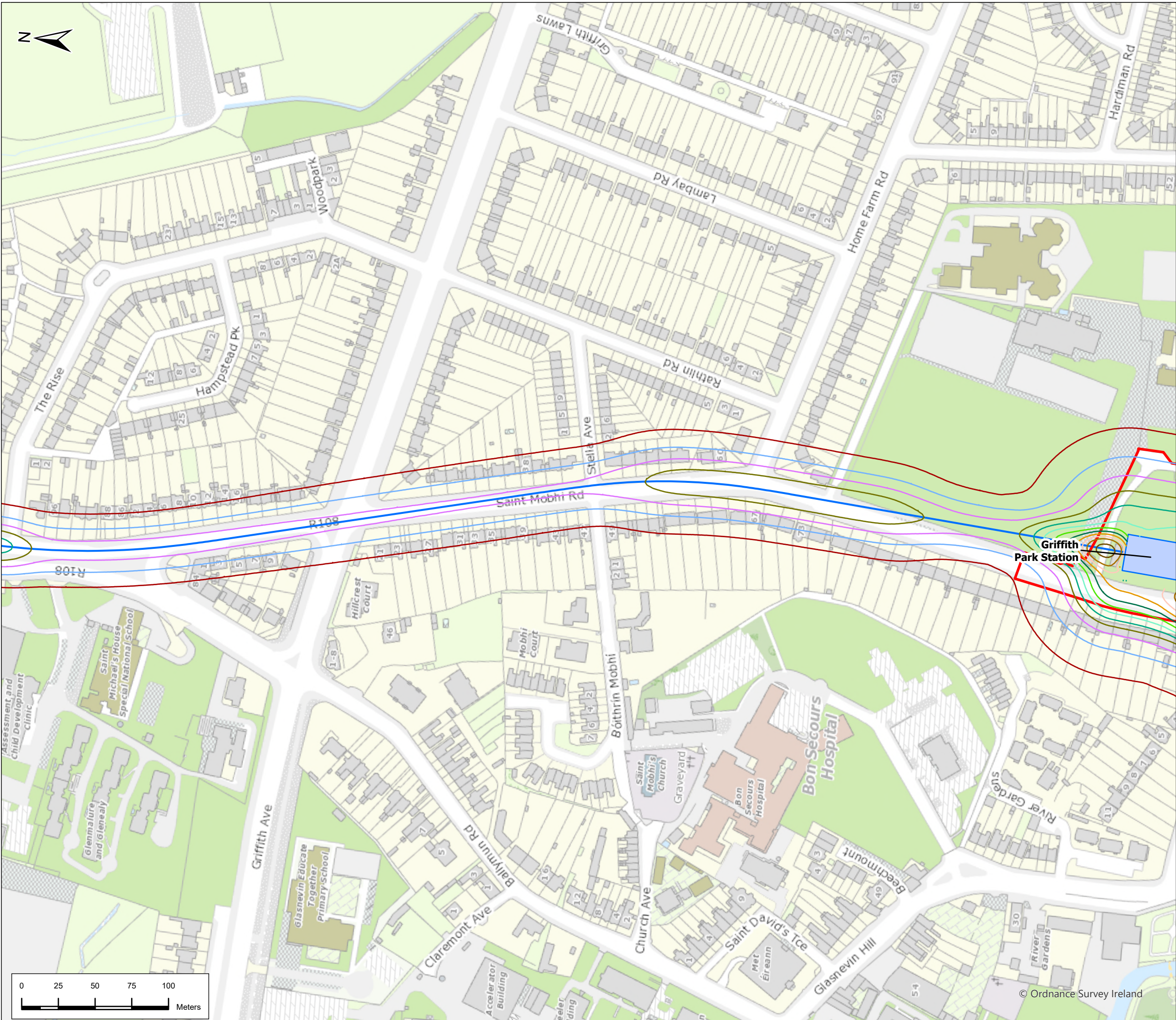












## Legend

### 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



P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd

**JACOBS**  
**IDOM**

Client

**TII**  
Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project

**METROLINK**

Drawing Title

Figure 20.16 Settlement Contours  
(Hatch St. and Leinster St. Pumping station included)  
Sheet 19 of 28

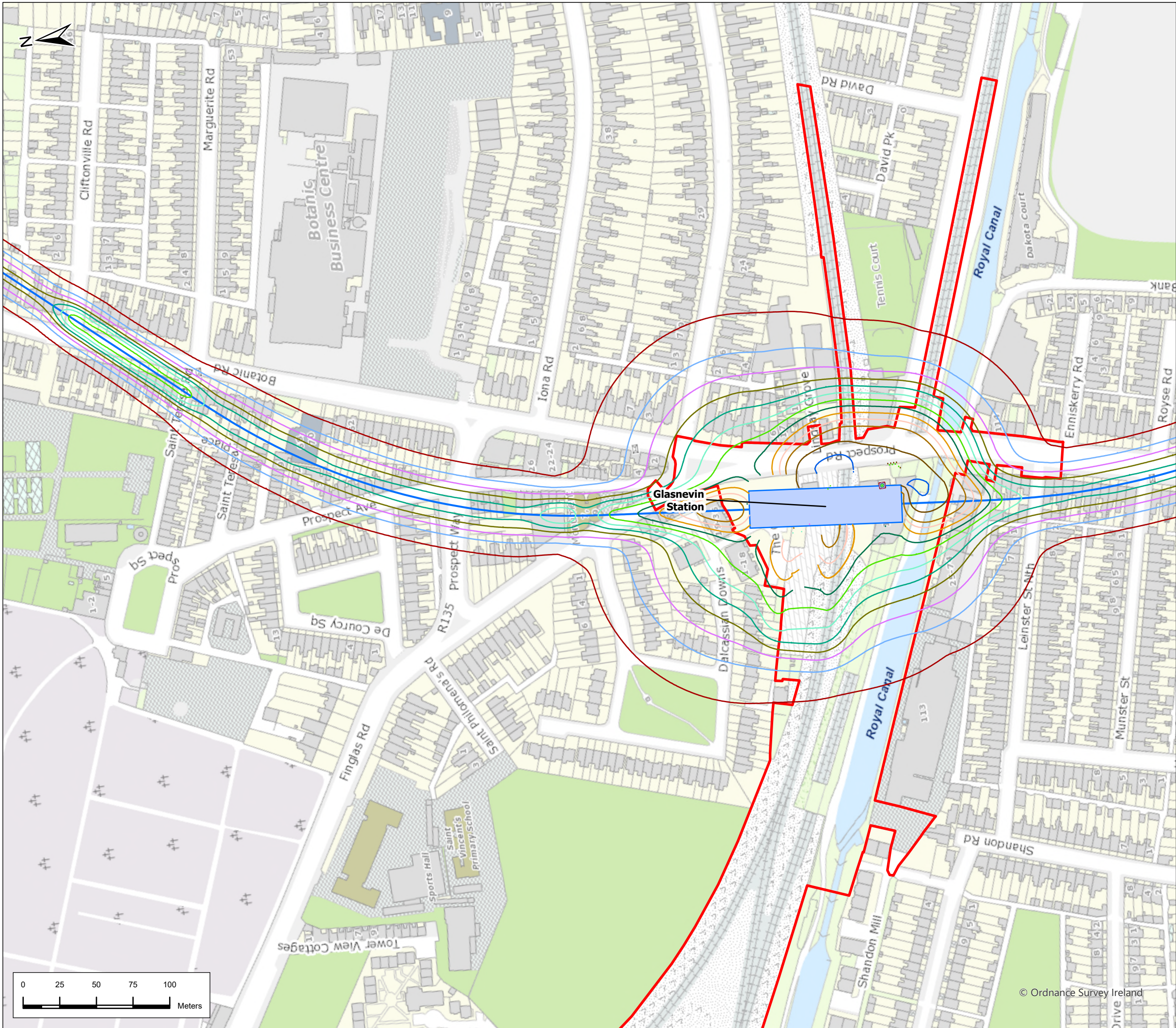
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Client No.			
Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-21138		Rev P03

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### Legend

**Alignment**

- Tunnel
- Station Locations
- Project Boundary

**Geographic Split**

- AZ4 Northwood to Charlemont

**Settlement Contours**

1mm	90mm
5mm	100mm
10mm	110mm
15mm	120mm
20mm	130mm
25mm	140mm
30mm	150mm

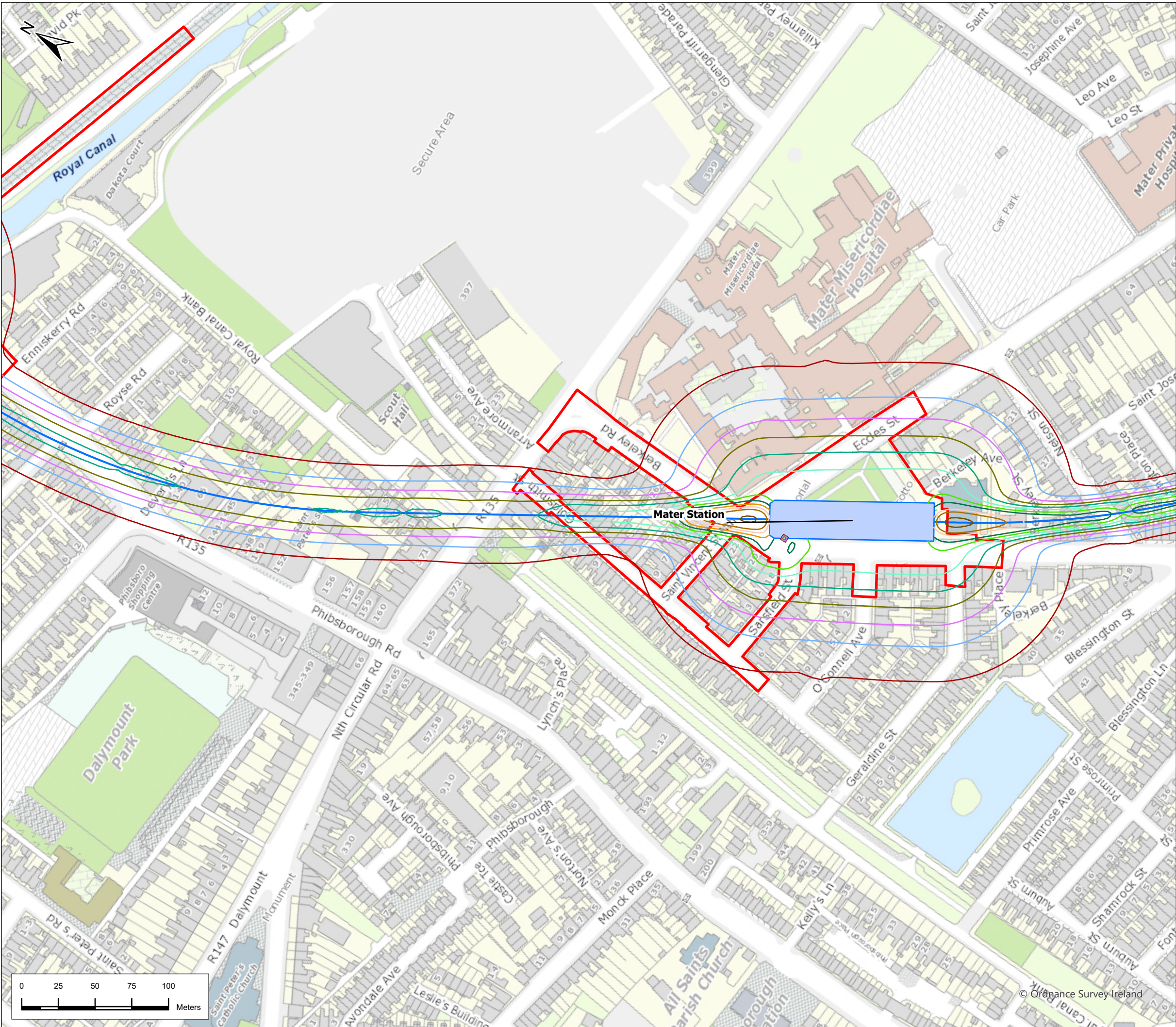
35mm
40mm
45mm
50mm
60mm
70mm
80mm

P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
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<div><p>Client</p></div>						
<div><p>Project</p></div>						
<p>Drawing Title</p> <p>Figure 20.16 Settlement Contours (Hatch St. and Leinster St. Pumping station included) Sheet 21 of 28</p>						
<p>Drawing Status</p> <p>Final</p>						
Scale @ A3		1:2,500	DO NOT SCALE			
Jacobs No.		32108600				
Client No.						
Drawing No.		ML1-JAI-EIA-ROUT_XX-DR-Y-21140				Rev P03
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## Legend

### Alignment

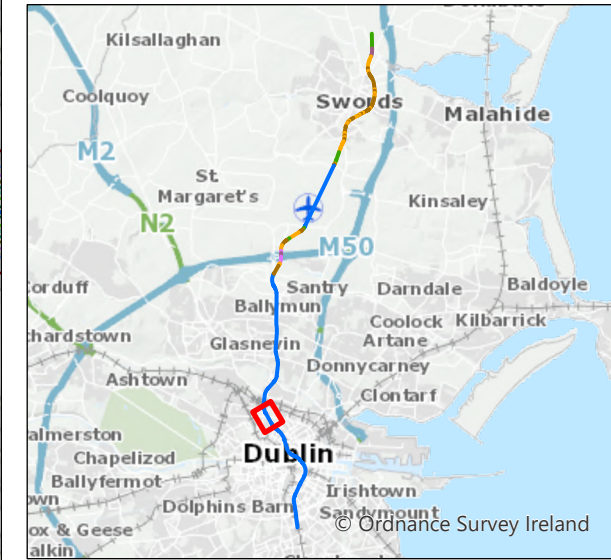
- Tunnel
- Station Locations
- Project Boundary

### Geographic Split

- AZ4 Northwood to Charlemont

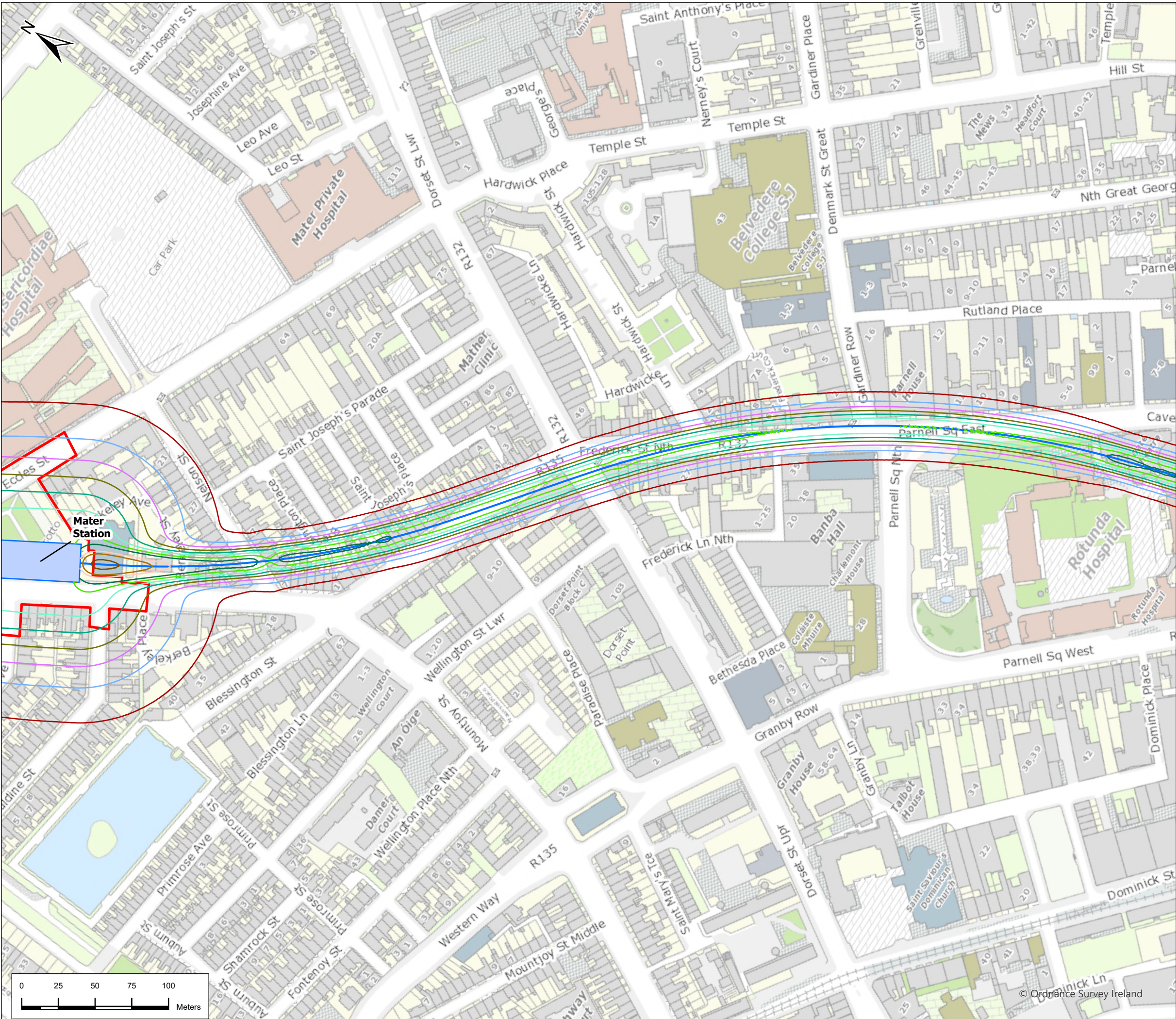
### Settlement Contours

- 1mm
- 5mm
- 10mm
- 15mm
- 20mm
- 25mm
- 30mm
- 35mm
- 40mm
- 45mm
- 50mm
- 60mm
- 70mm
- 80mm
- 90mm
- 100mm
- 110mm
- 120mm
- 130mm
- 140mm
- 150mm



P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
<div><div>JACOBS</div><div>IDOM</div></div>						
Client <div><div>TII</div><div>Bonneagair Iompair Éireann</div><div>Transport Infrastructure Ireland</div></div>						
Project <div><div>METRO</div><div>LINK</div></div>						
Drawing Title <div>Figure 20.16 Settlement Contours (Hatch St. and Leinster St. Pumping station included) Sheet 22 of 28</div>						
Drawing Status <div>Final</div>						
Scale @ A3		1:2 500			DO NOT SCALE	
Jacobs No.		32108600				
Client No.						
Drawing No. <div>ML1-JAI-EIA-ROUT_XX-DR-Y-21141</div>						Rev <div>P03</div>
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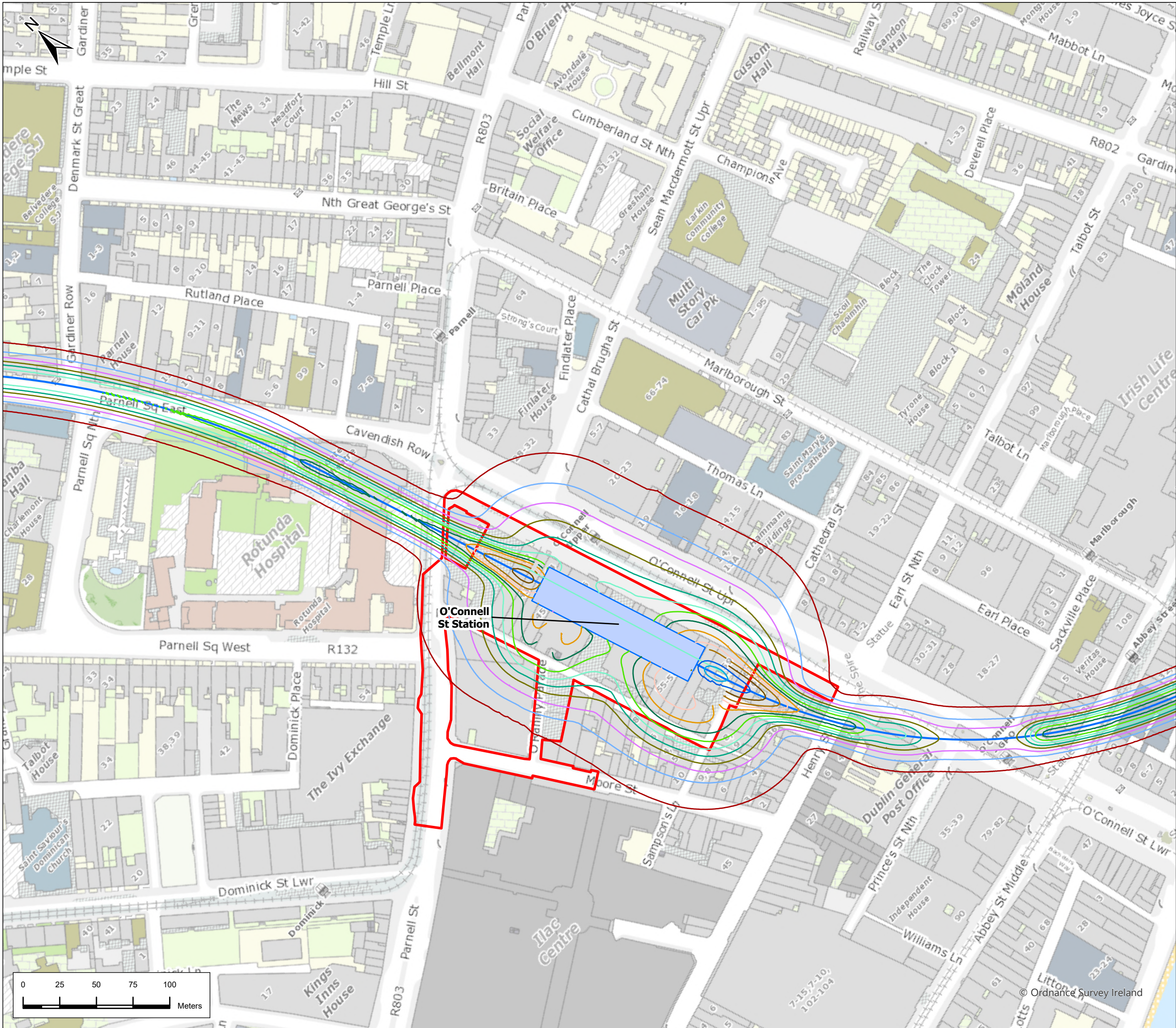
Legend

- 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



P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
JACOBS IDOM						
Client						
TII						
Project						
METROLINK						
Drawing Title						
Figure 20.16 Settlement Contours (Hatch St. and Leinster St. Pumping station included) Sheet 23 of 28						
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-21142						
Rev						
P03						
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
- Project Boundary

**Geographic Split**

- AZ4 Northwood to Charlemont

**Settlement Contours**

1mm	35mm
5mm	40mm
10mm	45mm
15mm	50mm
20mm	60mm
25mm	70mm
30mm	80mm
	90mm
	100mm
	110mm
	120mm
	130mm
	140mm
	150mm

P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd

Client

Project

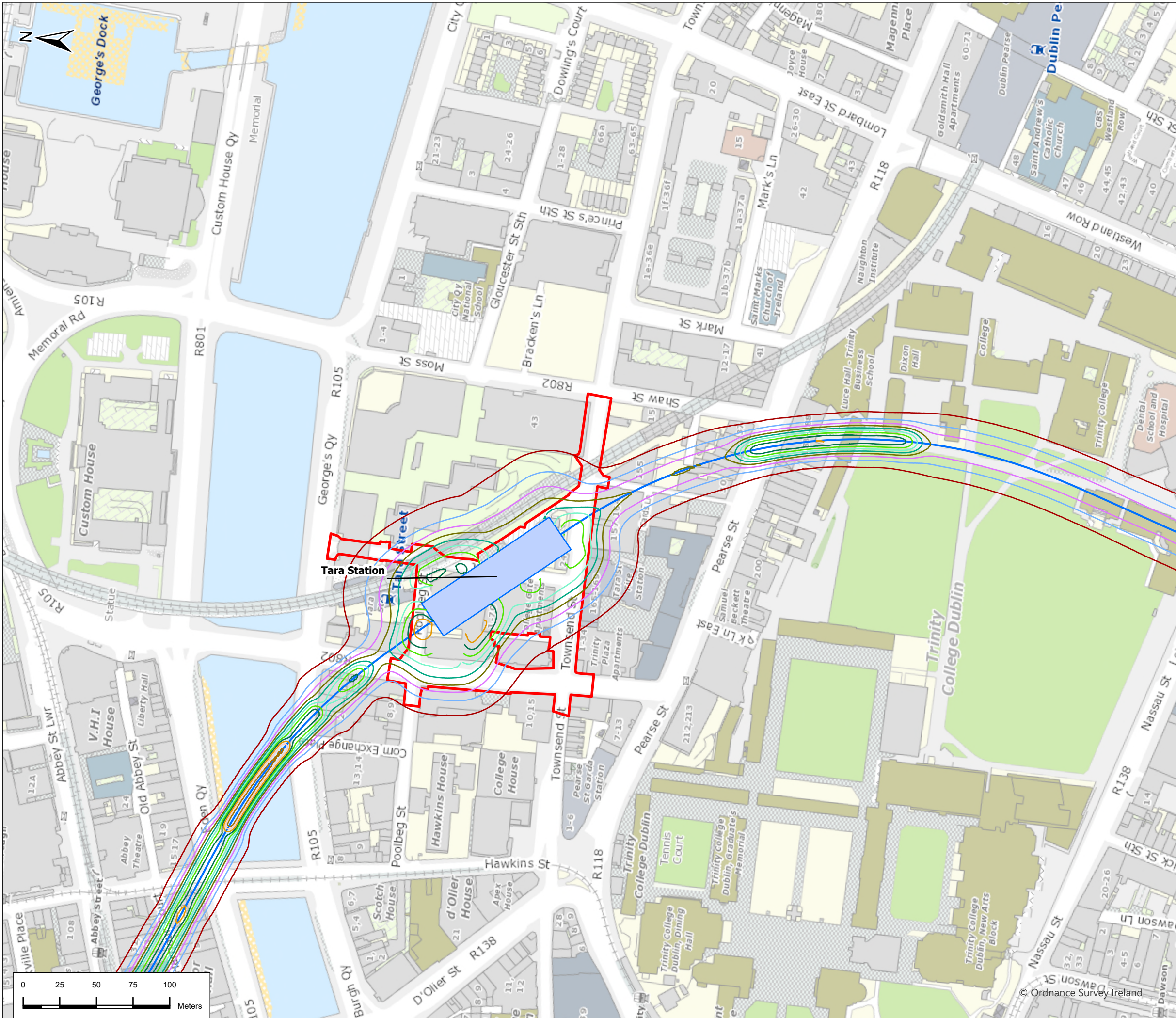
Drawing Title

Figure 20.16 Settlement Contours  
(Hatch St. and Leinster St. Pumping station included)  
Sheet 24 of 28

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 P03

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## Legend

### Alignment

- Tunnel
- Station Locations
- Project Boundary

### Geographic Split

- AZ4 Northwood to Charlemont

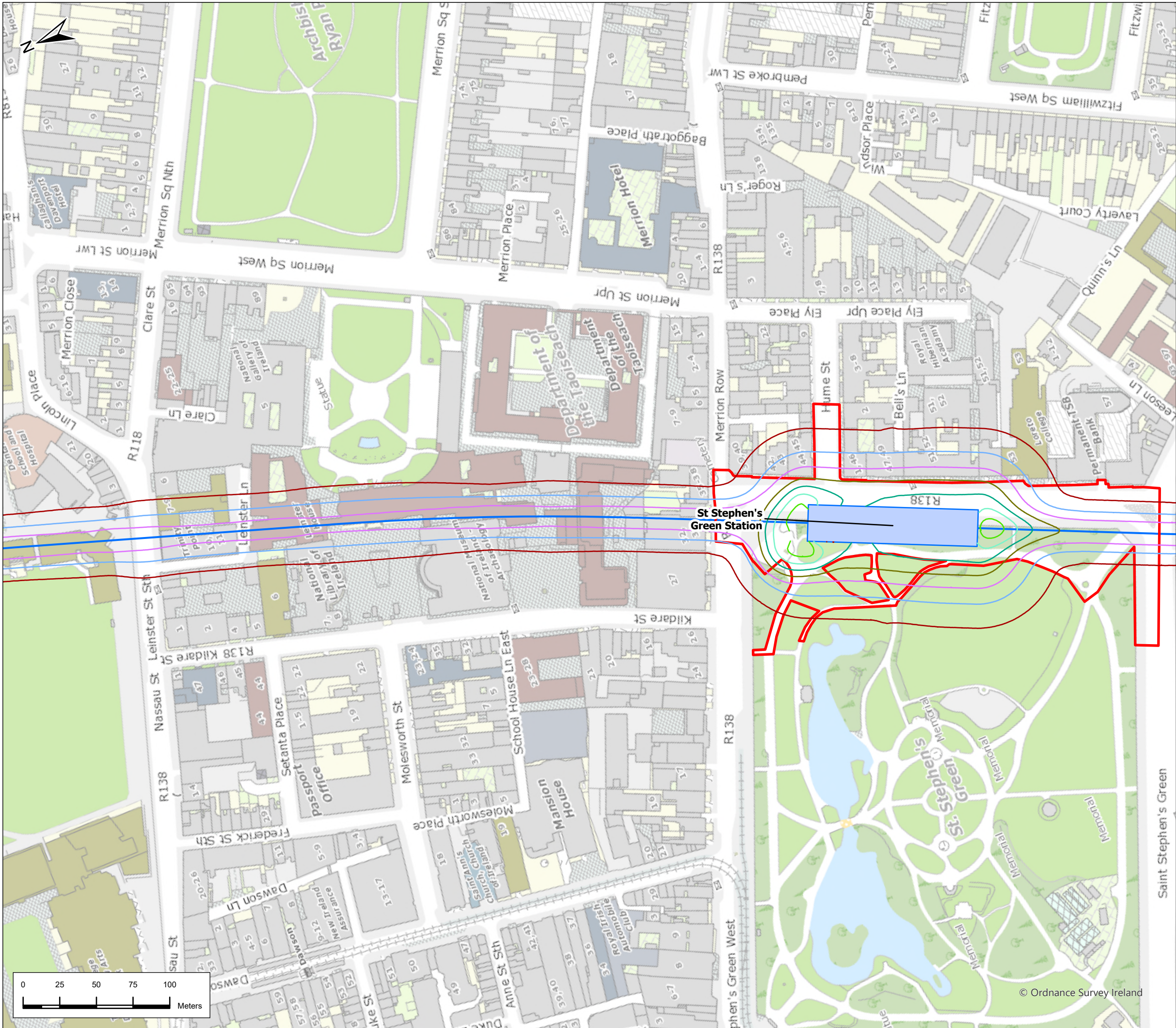
### Settlement Contours

- 1mm
- 5mm
- 10mm
- 15mm
- 20mm
- 25mm
- 30mm
- 35mm
- 40mm
- 45mm
- 50mm
- 60mm
- 70mm
- 80mm
- 90mm
- 100mm
- 110mm
- 120mm
- 130mm
- 140mm
- 150mm



P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
<b>JACOBS IDOM</b>						
Client						
<b>TII</b> Bonneagair Iompair Éireann Transport Infrastructure Ireland						
Project						
<b>METROLINK</b>						
Drawing Title						
Figure 20.16 Settlement Contours (Hatch St. and Leinster St. Pumping station included) Sheet 25 of 28						
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						
P03						
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

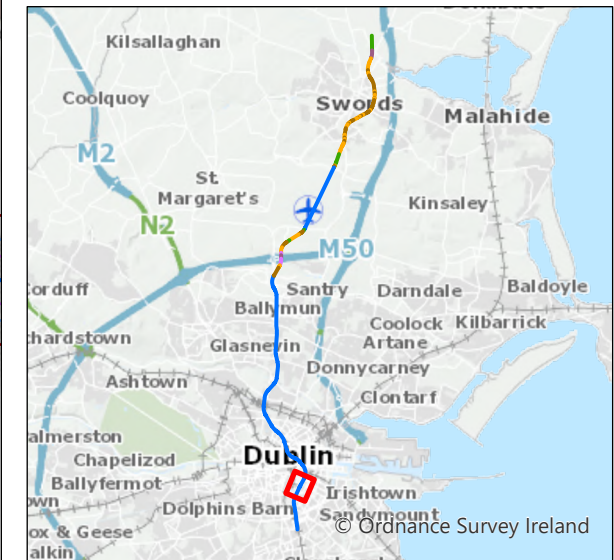
110mm

120mm

130mm

140mm

150mm



P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd

**JACOBS**  
**IDOM**

Client

**TII**  
Bonneagair Iompair Éireann  
Transport Infrastructure Ireland

Project

**METROLINK**

Drawing Title

Figure 20.16 Settlement Contours  
(Hatch St. and Leinster St. Pumping station included)  
Sheet 26 of 28

Drawing Status

Final

Scale @ A3

1:2,500

DO NOT SCALE

Jacobs No.

32108600

Client No.

Drawing No.

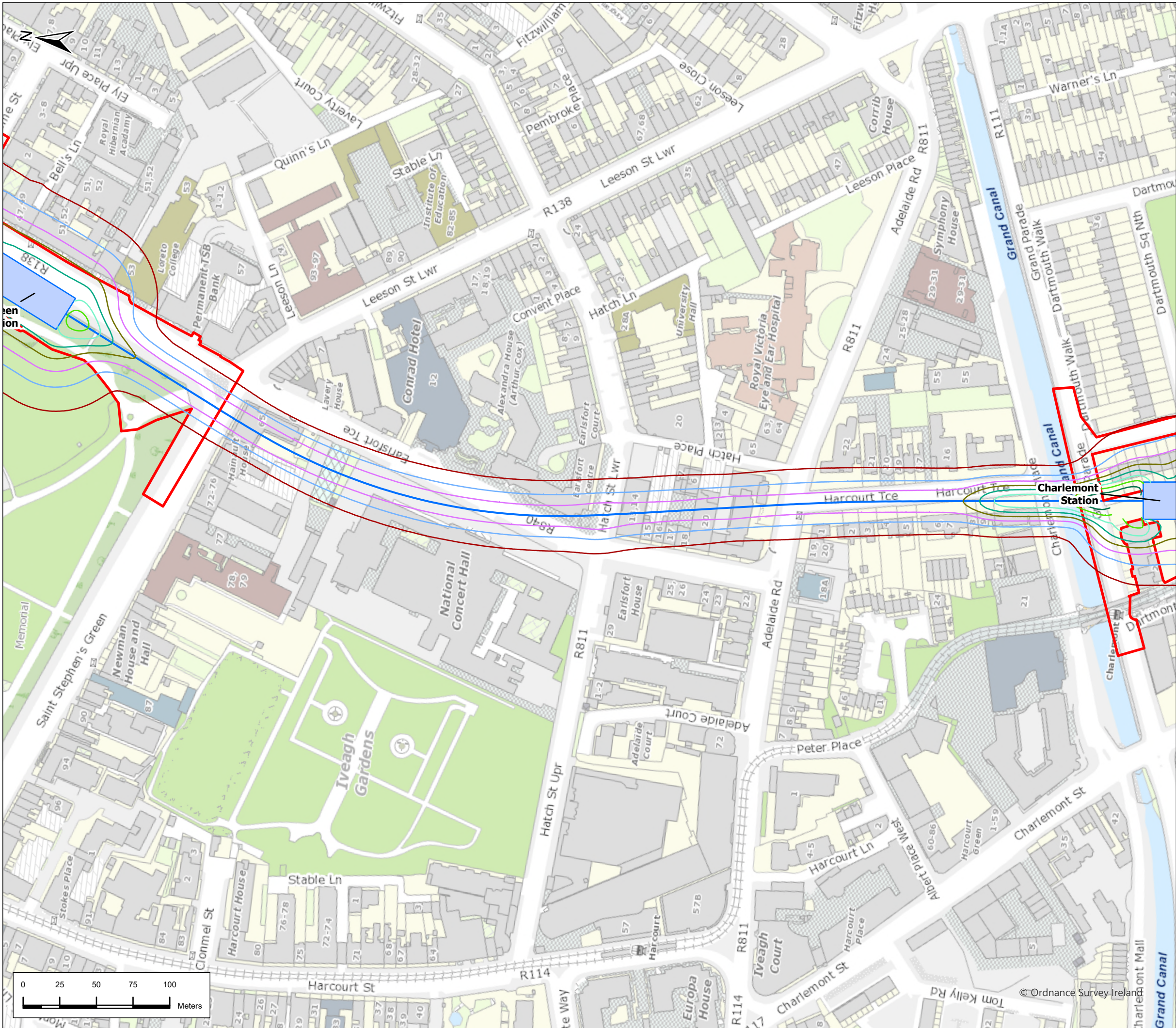
ML1-JAI-EIA-ROUT\_XX-DR-Y-21145

Rev

P03

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## 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



P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd

**JACOBS**  
**IDOM**

Client

**TII**  
Bonneagair Iompair Éireann  
Transport Infrastructure Ireland

Project

**METROLINK**

Drawing Title

Figure 20.16 Settlement Contours  
(Hatch St. and Leinster St. Pumping station included)  
Sheet 27 of 28

Drawing Status

Final

Scale @ A3

1:2,500

DO NOT SCALE

Jacobs No.

32108600

Client No.

Drawing No.

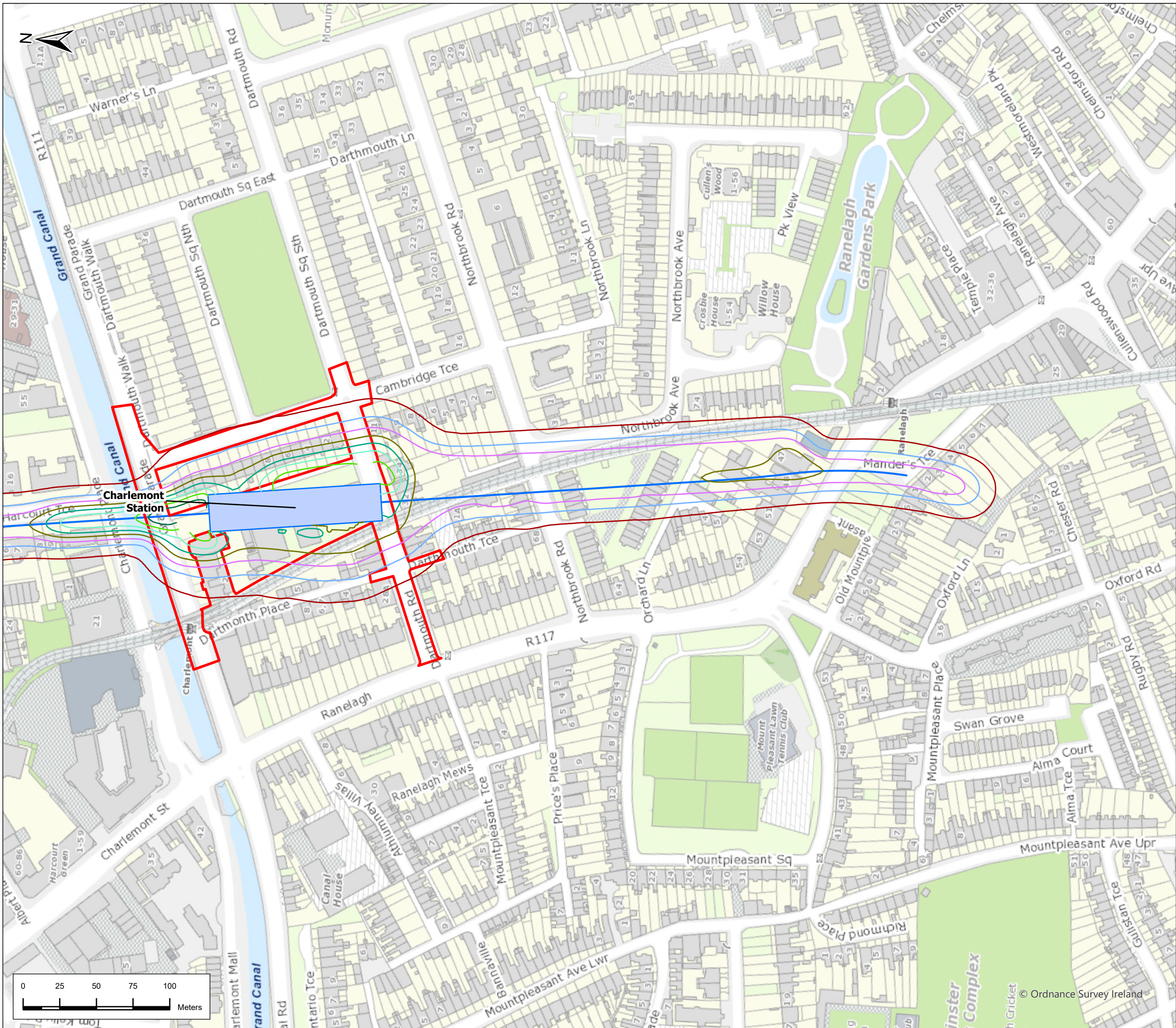
ML1-JAI-EIA-ROUT\_XX-DR-Y-21146

Rev

P03

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### Legend

**Alignment**

- Tunnel
- Station Locations
- Project Boundary

**Geographic Split**

- AZ4 Northwood to Charlemont

**Settlement Contours**

1mm	90mm
5mm	100mm
10mm	110mm
15mm	120mm
20mm	130mm
25mm	140mm
30mm	150mm

P03	3/19/2024	Final Issue	JL	AB	JK	PB
Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'r'd
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<div><div>Client</div><div></div></div>						
<div><div>Project</div><div></div></div>						
<div><div>Drawing Title</div><div>Figure 20.16 Settlement Contours (Hatch St. and Leinster St. Pumping station included) Sheet 28 of 28</div></div>						
<div><div>Drawing Status</div><div>Final</div></div>						
Scale @ A3		1:2,500	DO NOT SCALE			
Jacobs No.		32108600				
Client No.						
Drawing No.		ML1-JAI-EIA-ROUT_XX-DR-Y-21147	Rev		P03	
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.						