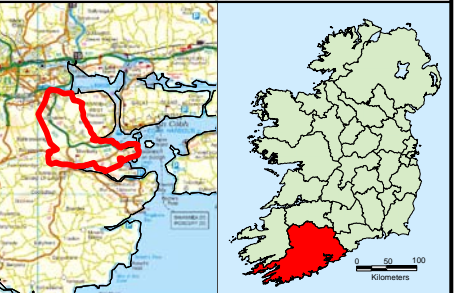


### Legend

- Online Section
- Offline Section
- Noise Priority Areas (Cork City and Cork County)



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

### Title

**Northern On Line Section and Southern Off Line Section**

Figure: 14.2



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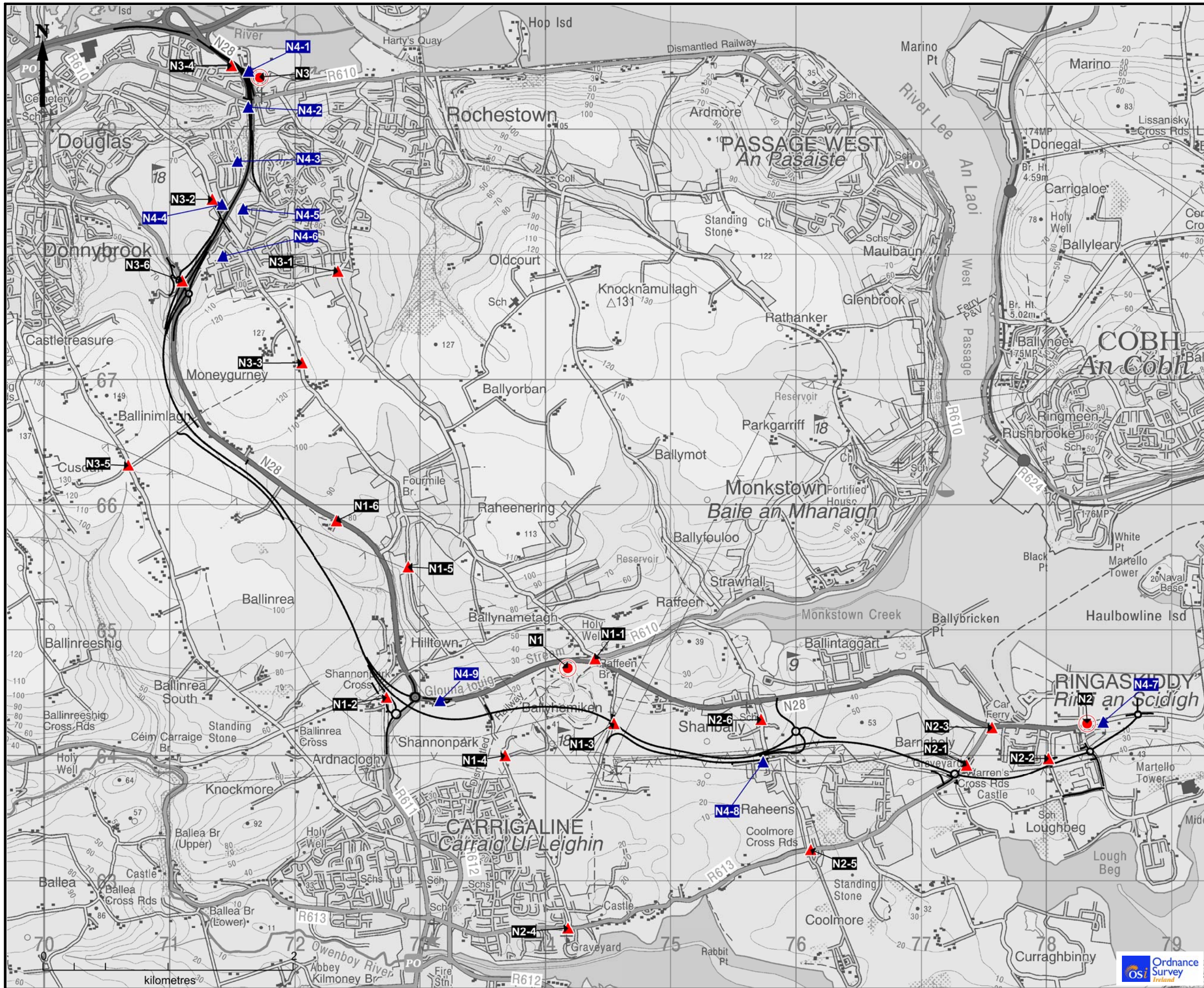
Issue Details		
Drawn by: T Hurley/JPM	Project No. MCT0597	
Checked by: E McKeown	File Ref. MCT0597Mi0117F01	
Approved by: L Barry		
Scale: NTS	Drawing No. MI0117	Rev. F01
Date: Mar 2017		

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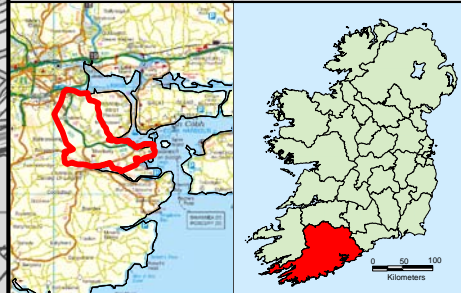






**Legend**

- Noise Monitoring Locations (2015)
  - ▲ 15MIN (18)
  - 24HR (3)
- Noise Monitoring Location (2016)
  - ▲ 15MIN (9)



Client

Project **M28 CORK TO RINGASKIDDY PROJECT**

Title **Noise Monitoring Locations**

Figure: 14.3

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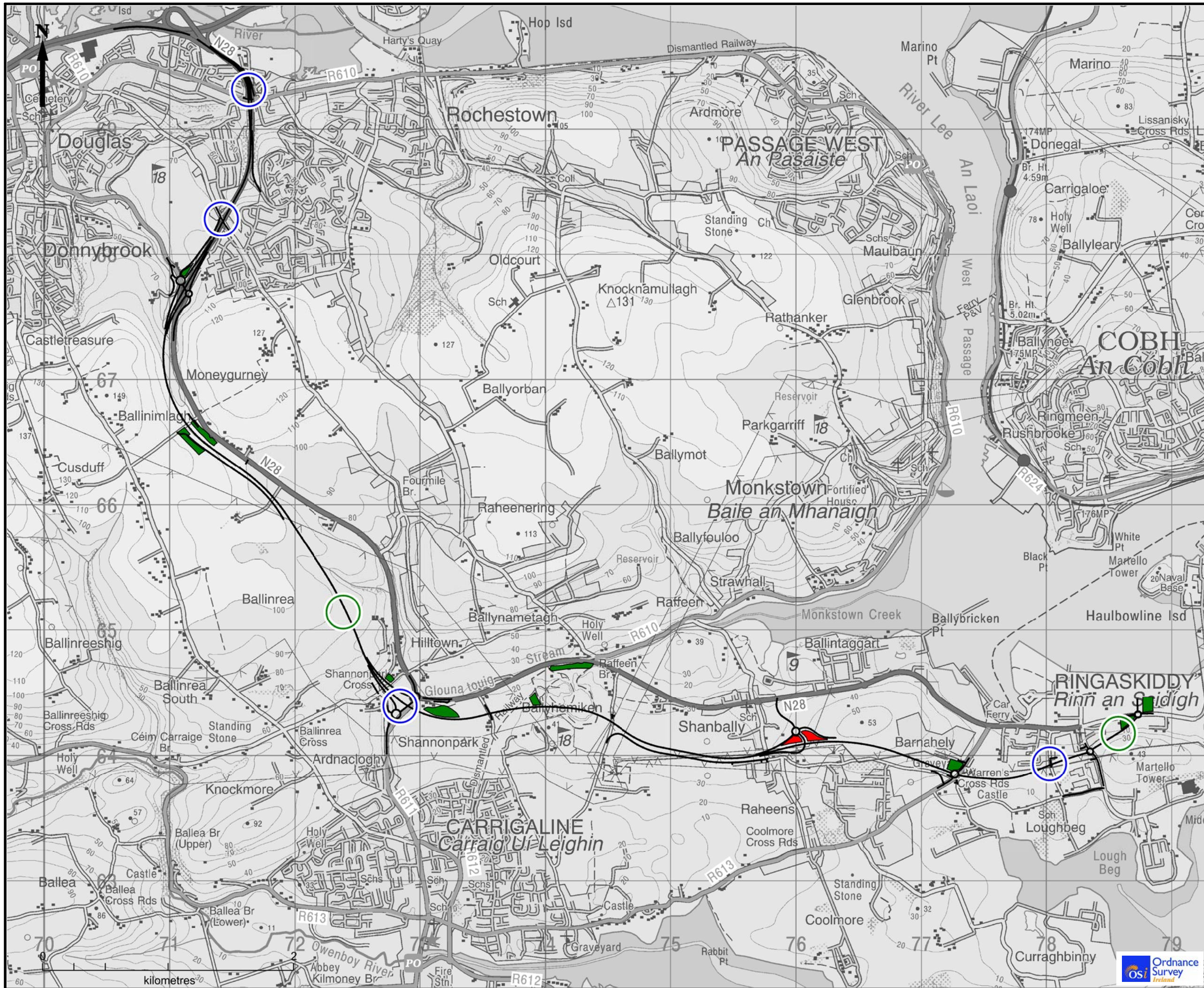
Issue Details		
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Checked by: E McKeown	File Ref.	MCT0597MI0112F01
Approved by: L Barry	Drawing No.	MI0112
Scale: NTS	Rev.	F01
Date: APRIL 2017		

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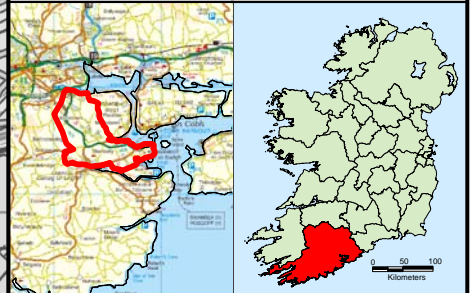






### Legend

-  Proposed M28 Road Project
-  Indicative Compound Locations
-  Indicative Construction Activities
-  Indicative Construction Activities Locations
-  Indicative Crushing and Screening Locations



Client




Project **M28 CORK TO RINGASKIDDY PROJECT**

### Title

## Indicative Construction Activity and Locations

Figure: 14.4



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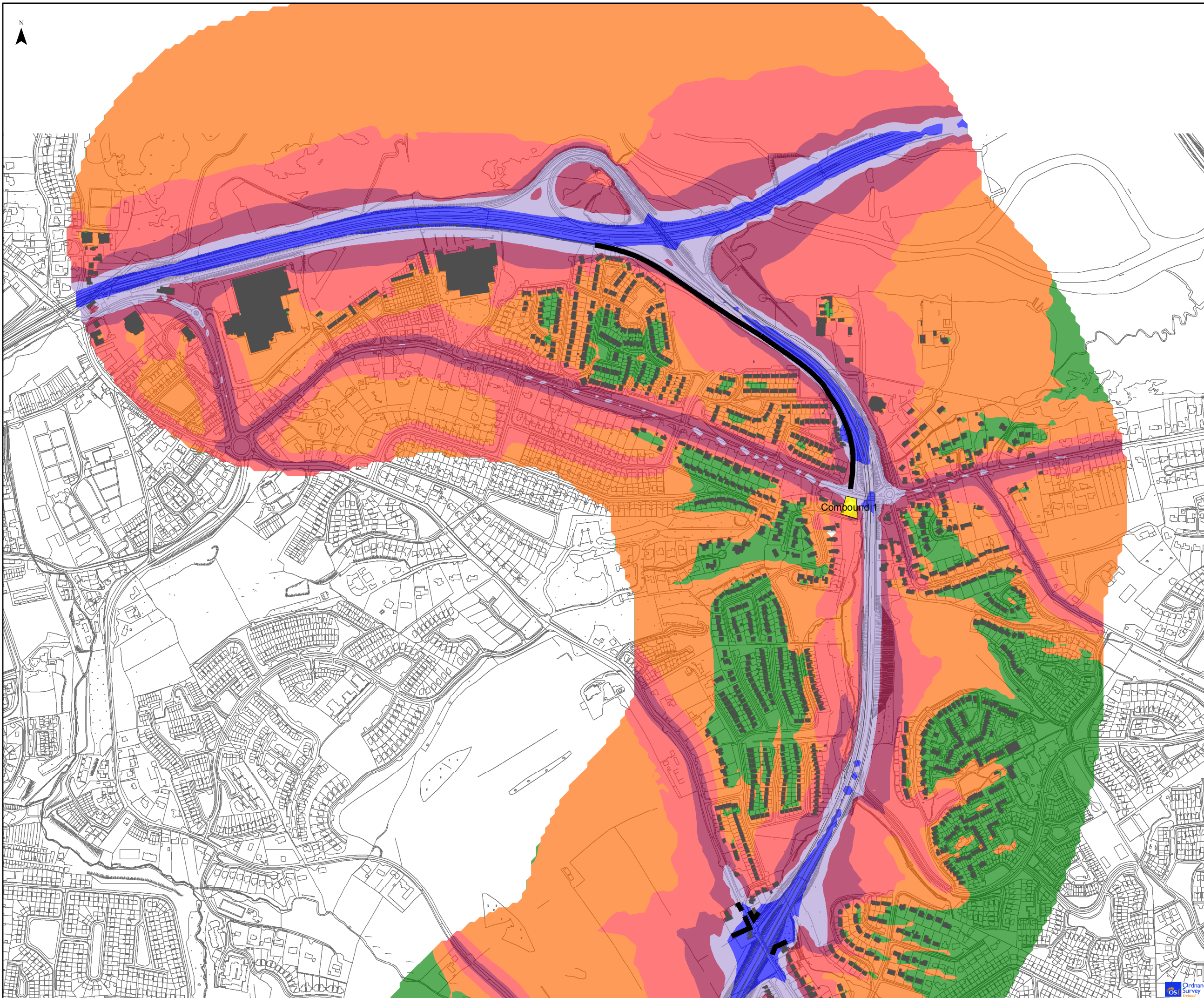
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Checked by: E McKeown	File Ref.	MCT0597MI0118F01
Approved by: L Barry	Drawing No.	MI0118
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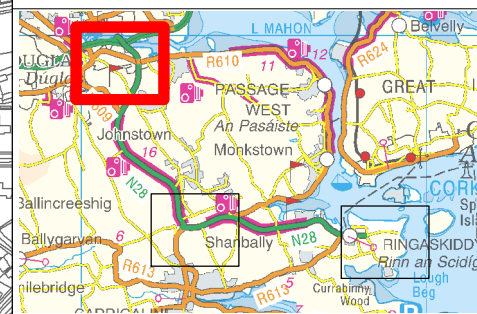
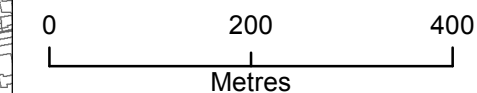


### Legend

-  Temporary Noise Barriers (Construction)
-  Proposed M28
-  Noise Model Buildings
-  Indicative Construction Activities

### Construction Day (dB)

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Construction Day  
L<sub>day</sub> Noise Contour Map**  
Figure: 14.5 (Page 1 of 3)

Innishmore, Ballincollig, Co Cork, Ireland.



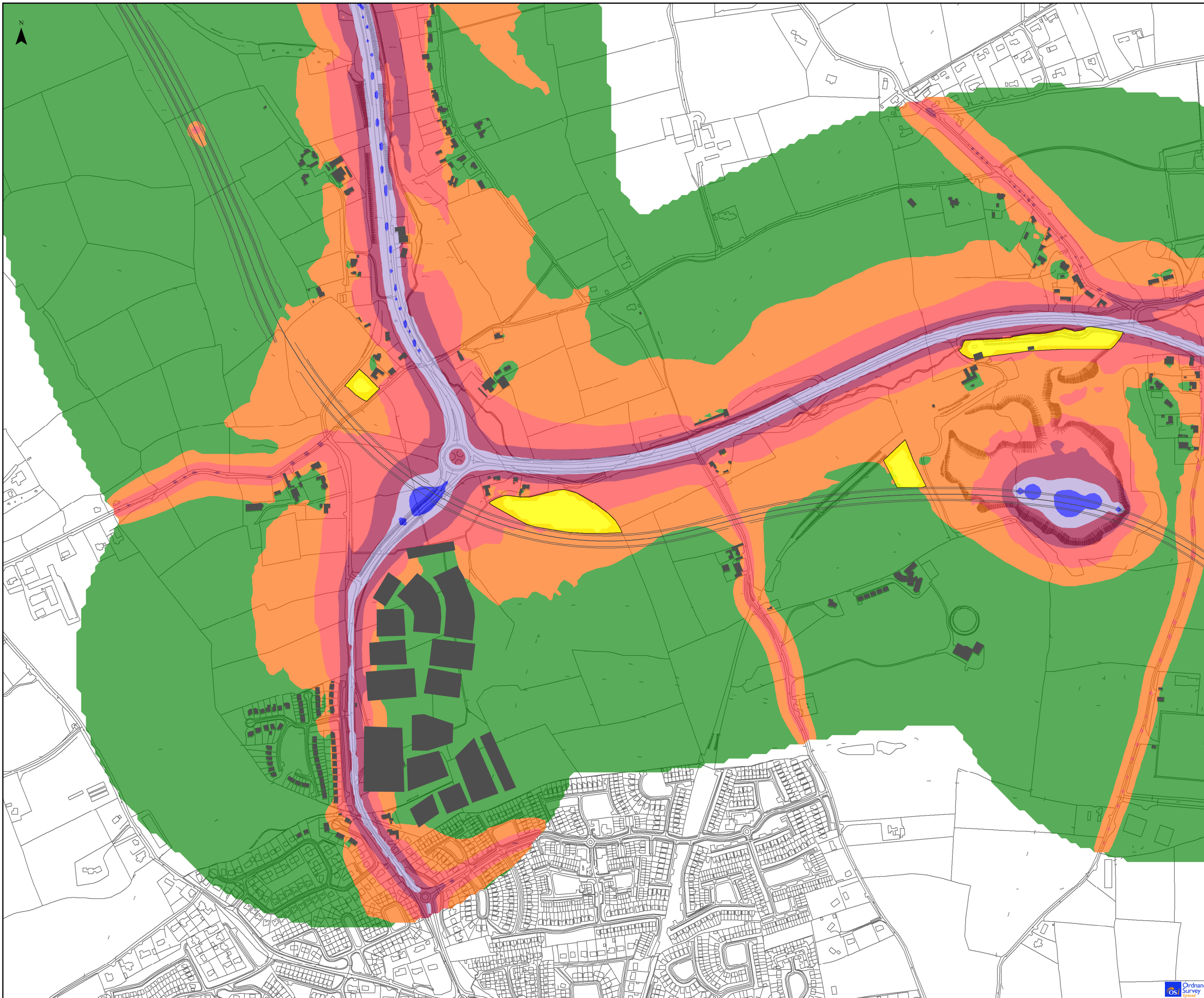
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Scale: NTS	Drawing No.	Rev:
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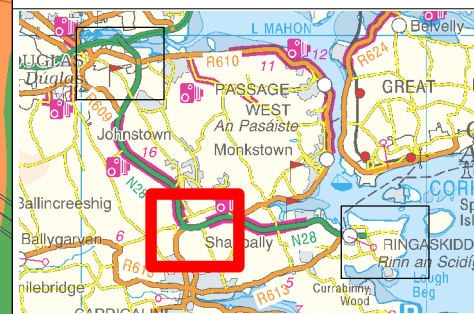
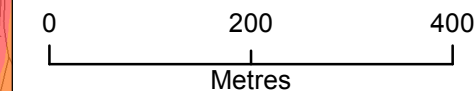


**Legend**

-  Temporary Noise Barriers (Construction)
-  Proposed M28
-  Noise Model Buildings
-  Indicative Construction Activities

**Construction Day (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Construction Day  
L<sub>day</sub> Noise Contour Map**  
Figure: 14.5 (Page 2 of 3)

Innishmore, Ballincollig, Co Cork, Ireland.



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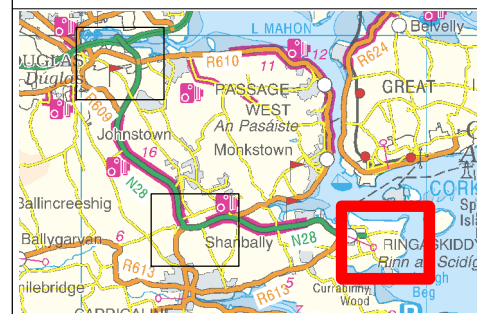
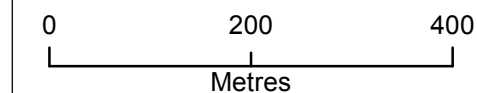


### Legend

-  Temporary Noise Barriers (Construction)
-  Proposed M28
-  Noise Model Buildings
-  Indicative Construction Activities

### Construction Day (dB)

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Construction Day  
L<sub>day</sub> Noise Contour Map**  
Figure: 14.5 (Page 3 of 3)



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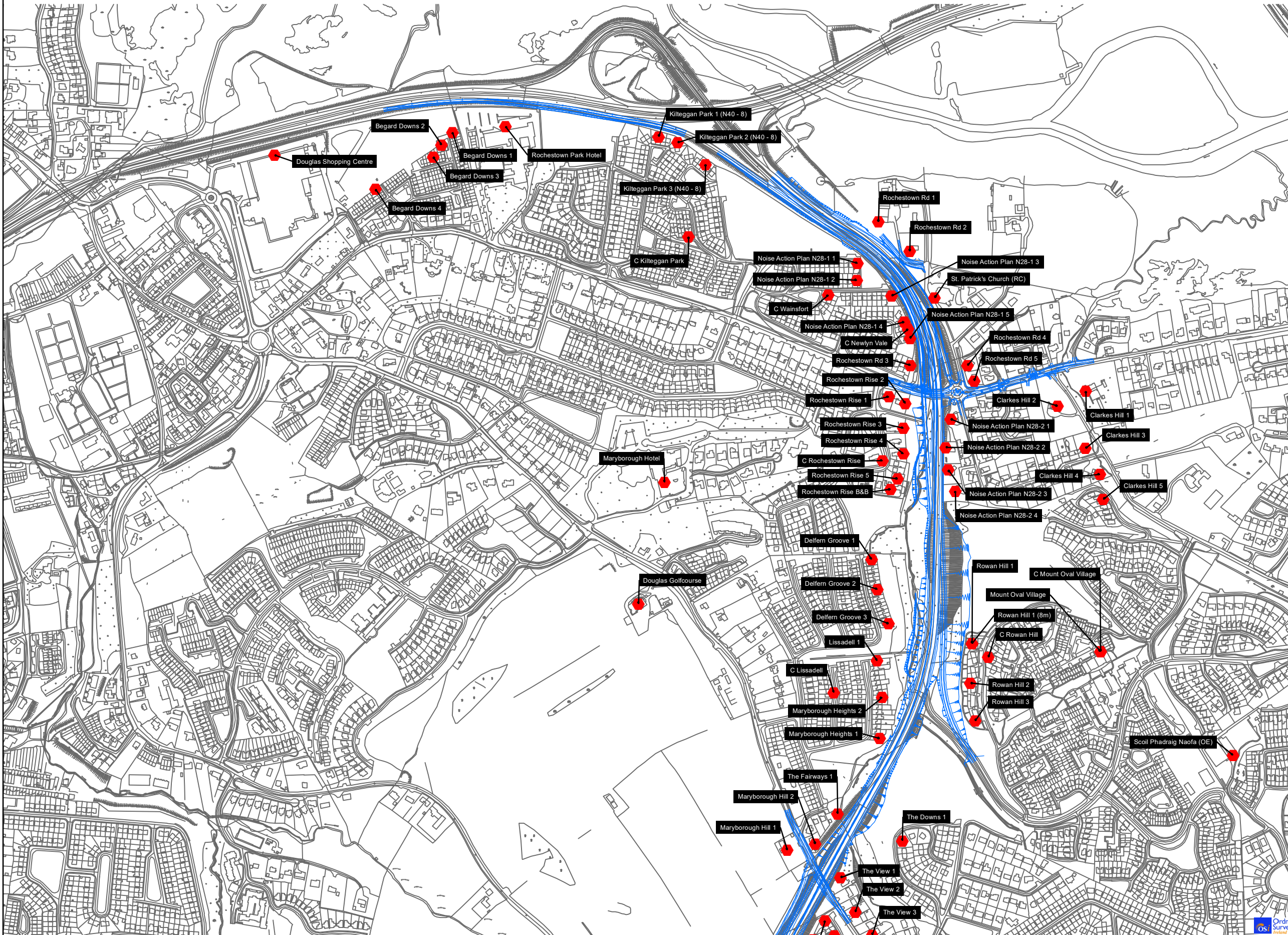
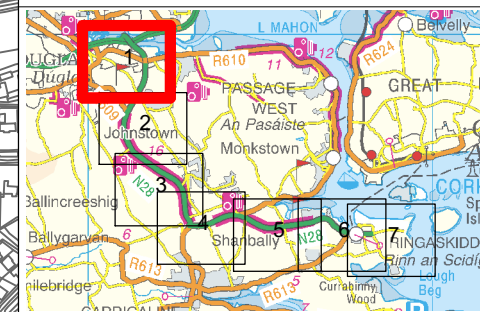
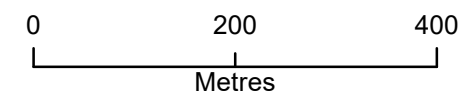




# Legend

Proposed M28

Noise Sensitive Locations



Client

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Noise Sensitive Locations Map**

Figure: 14.6 (Page 1 of 7)

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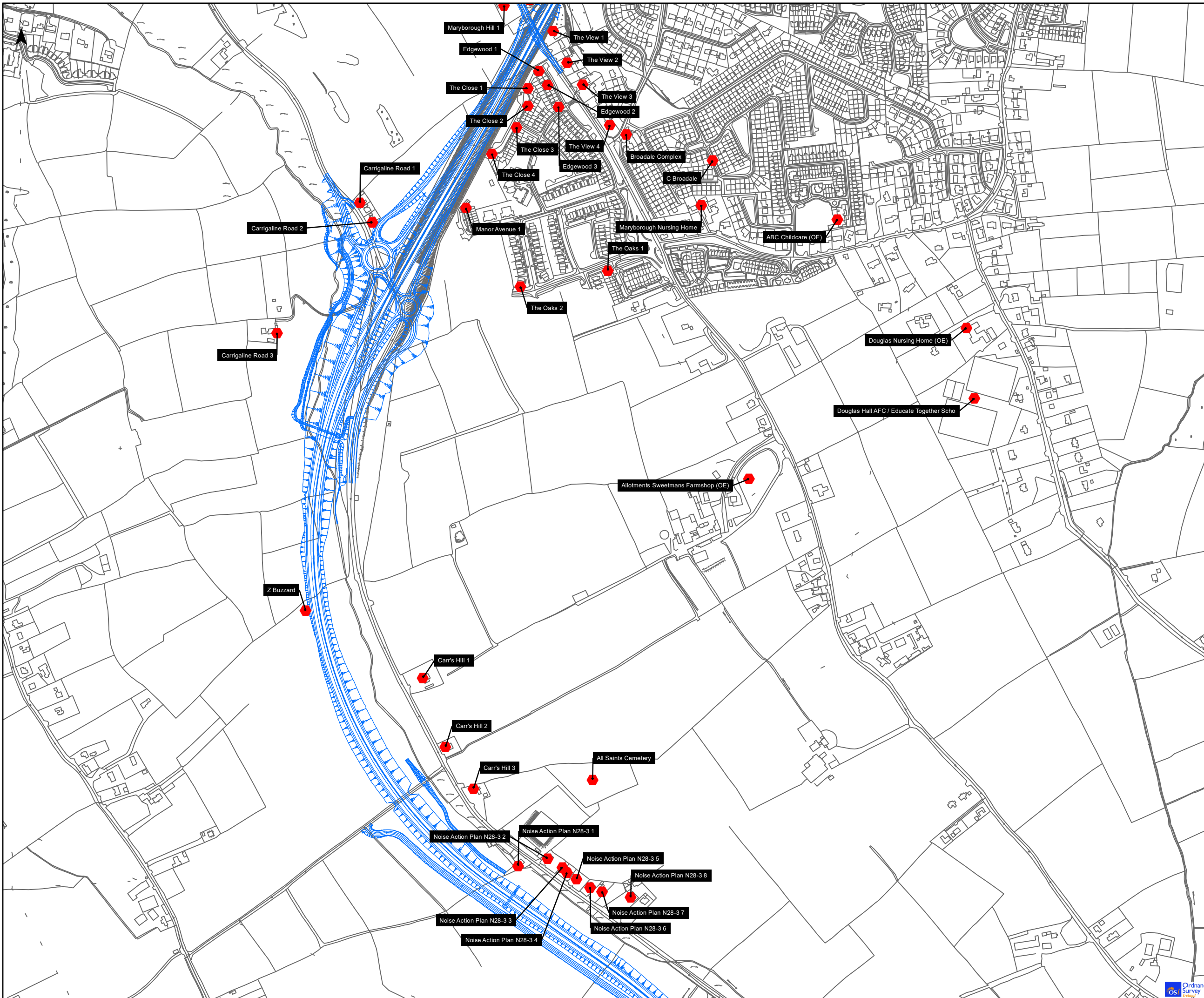
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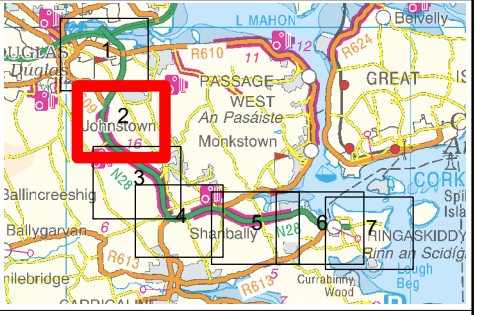
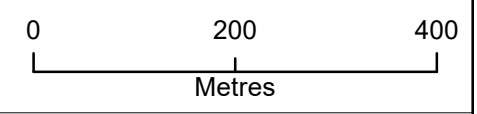






### Legend

-  Proposed M28
-  Noise Sensitive Locations



**Client**




Bonneagar Ionpair Éireann  
Transport Infrastructure Ireland

**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Noise Sensitive Locations Map**

Figure: 14.6 ( Page 2 of 7 )

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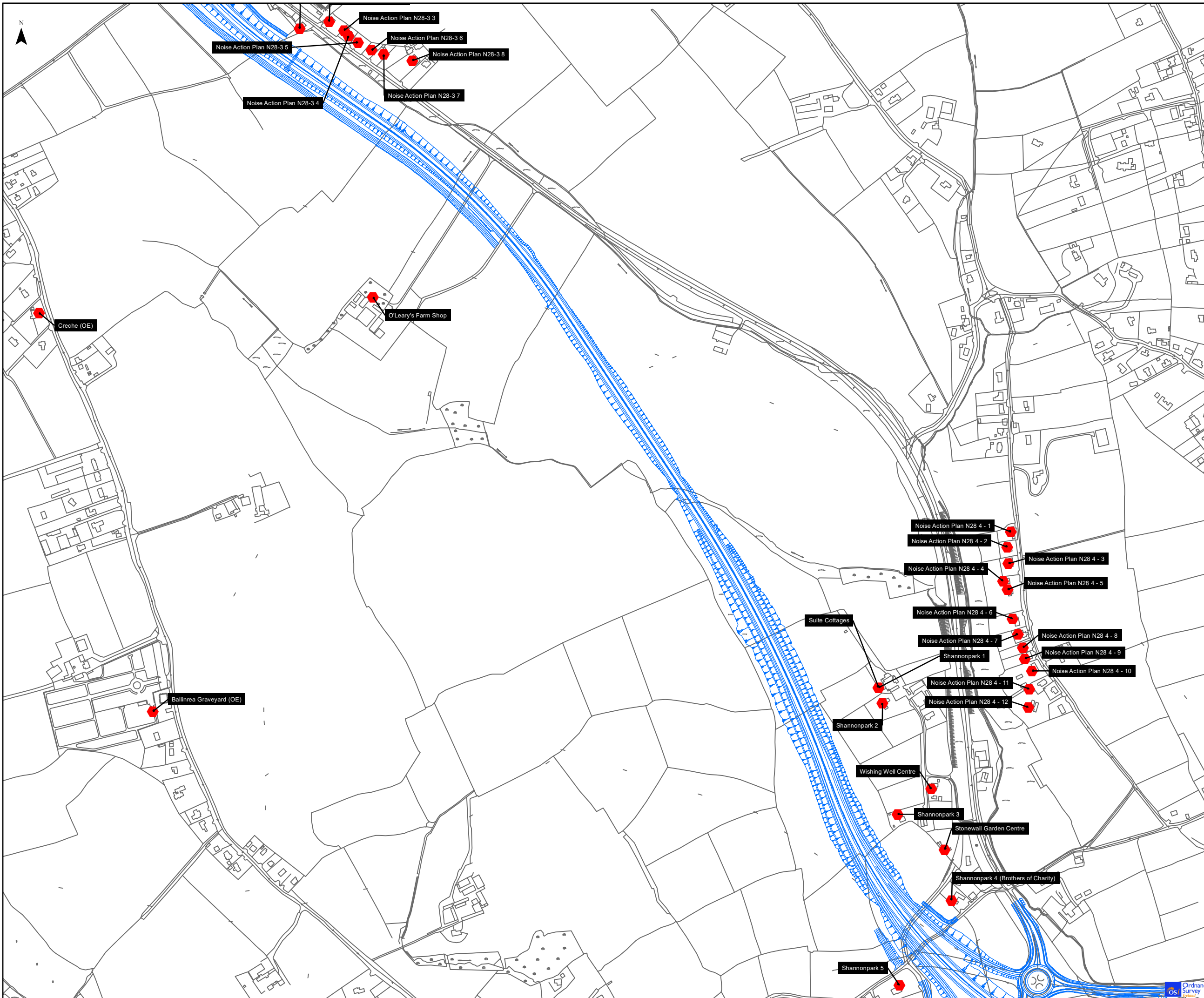
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Approved By: LB	MCT0597Arc0045F01	
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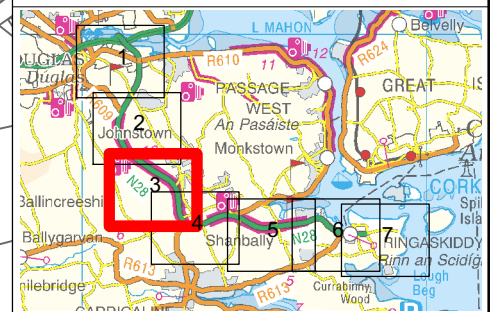
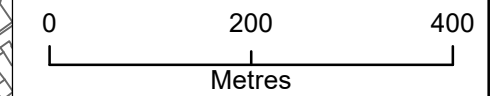






### Legend

-  Proposed M28
-  Noise Sensitive Locations



**Client**




Bonnasagar Ionpair Éireann  
Transport Infrastructure Ireland

**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Noise Sensitive Locations Map**

Figure: 14.6 ( Page 3 of 7 )

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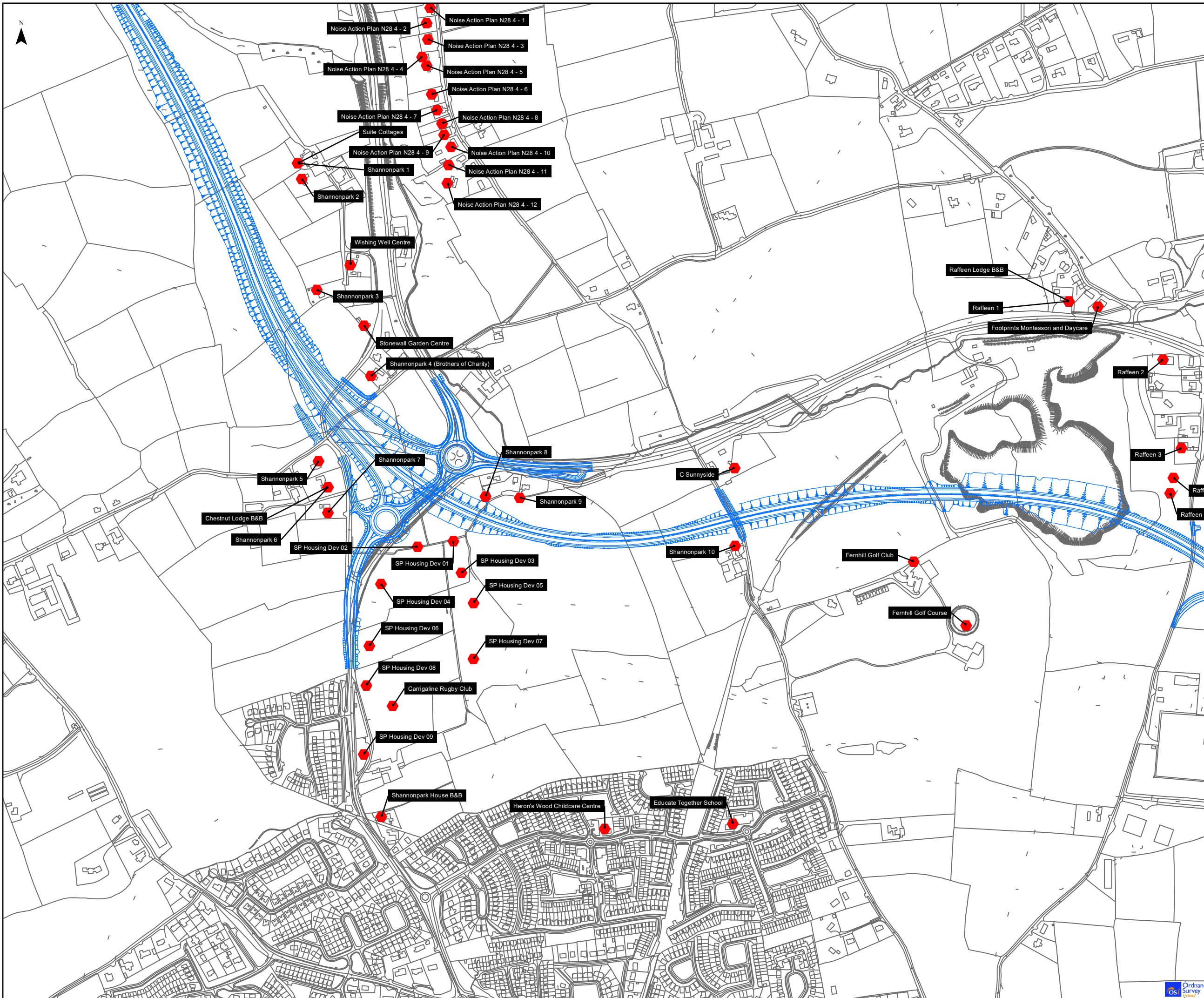
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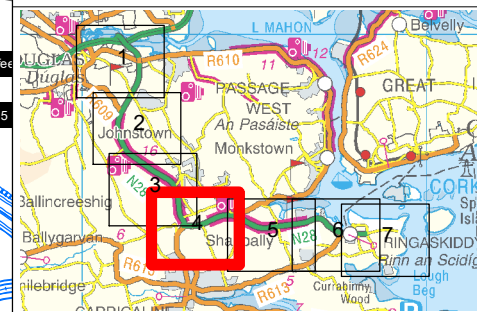
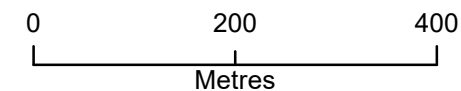
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### Legend

- Proposed M28
- Noise Sensitive Locations



**Client**

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Transport Infrastructure Ireland

**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Noise Sensitive Locations Map**

Figure: 14.6 (Page 4 of 7)

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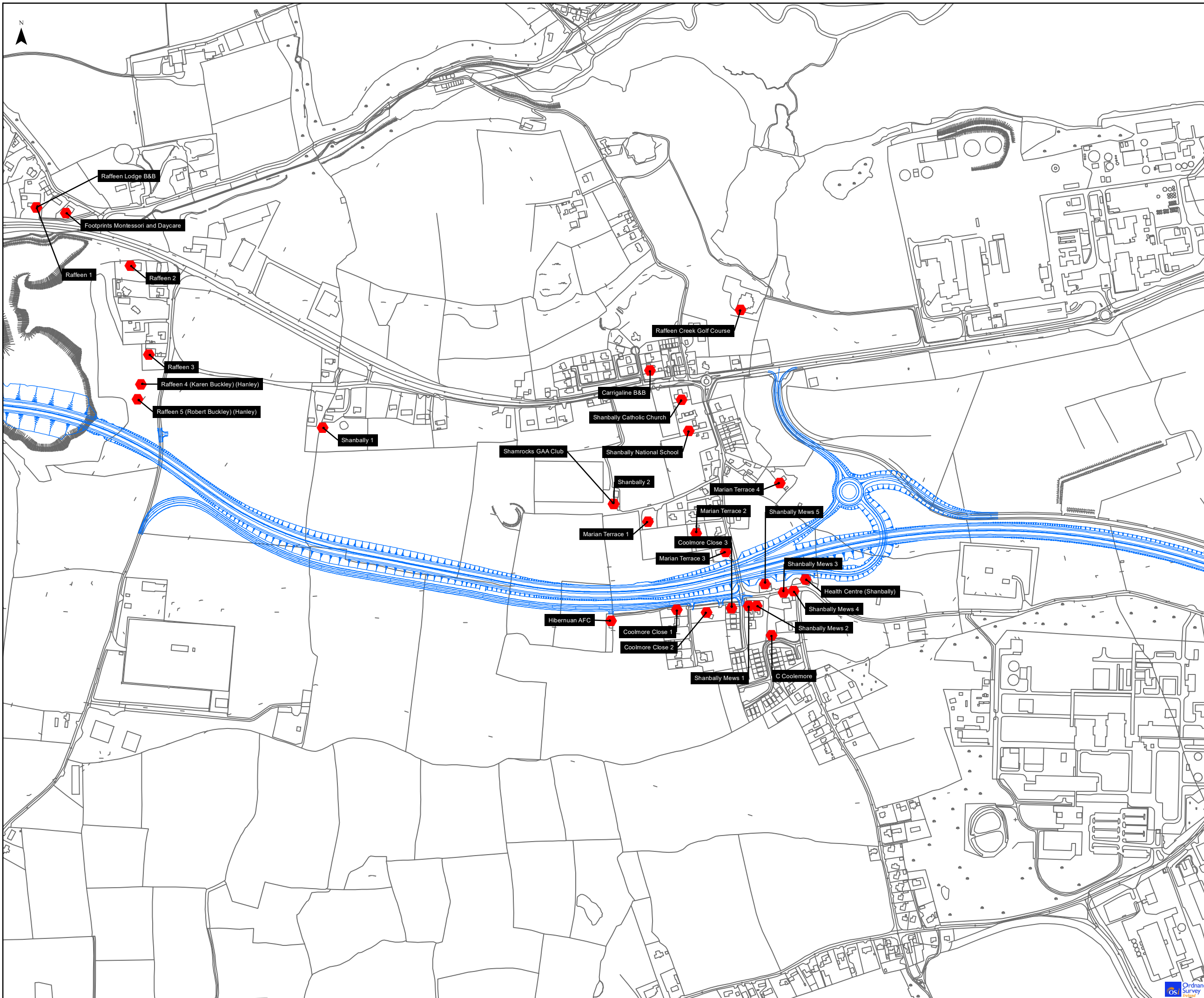
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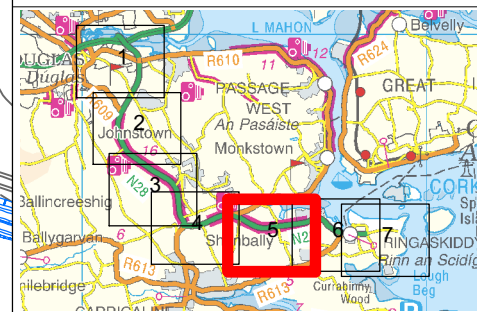
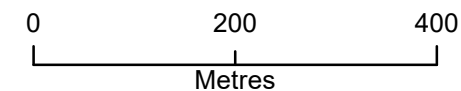






**Legend**

-  Proposed M28
-  Noise Sensitive Locations



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Noise Sensitive Locations Map**

Figure: 14.6 (Page 5 of 7)

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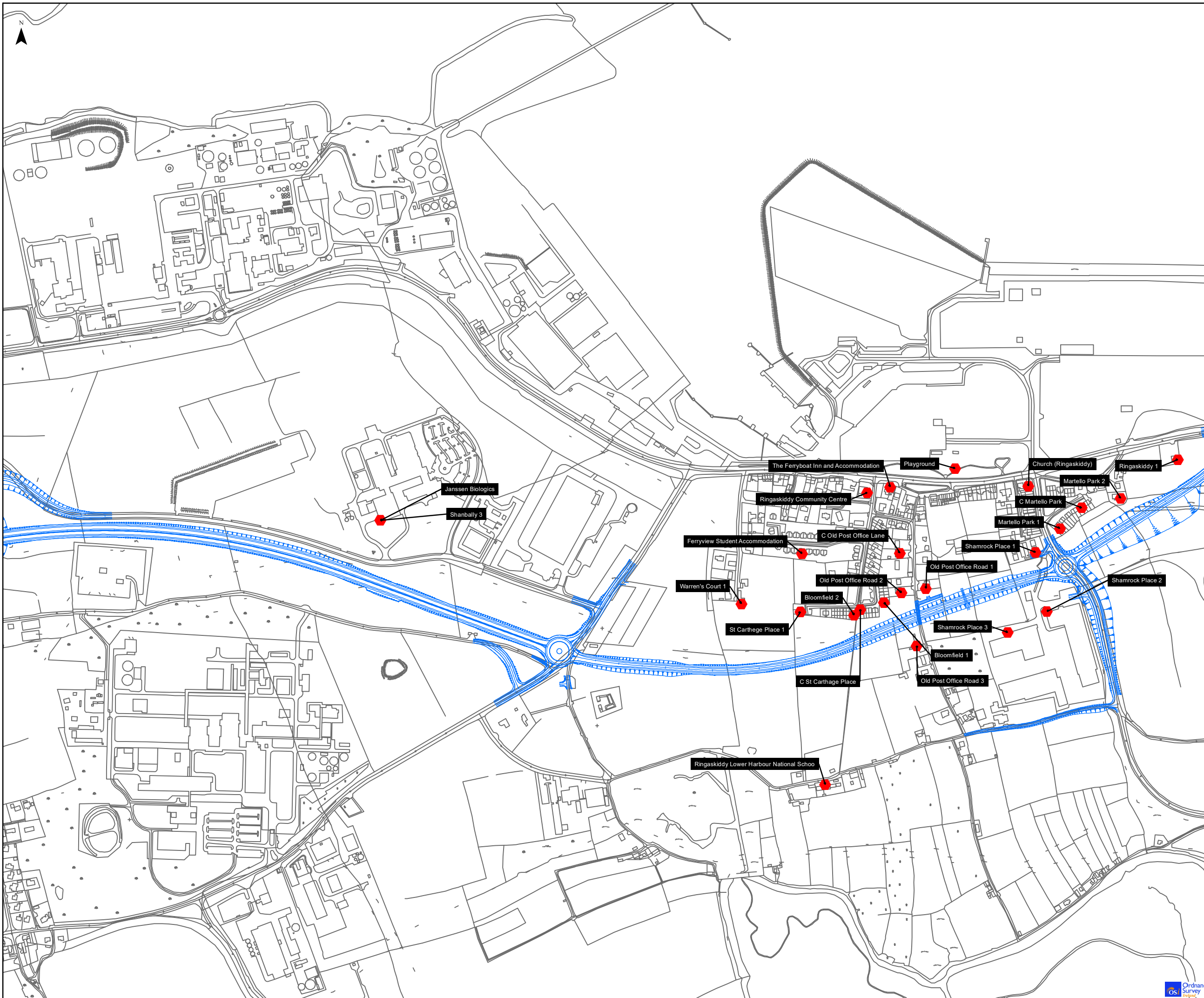
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Date: 09/05/2017	MCT0597Arc0045	F01

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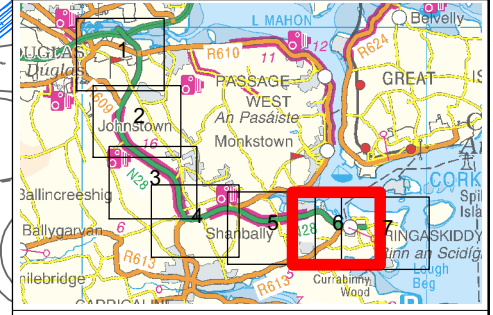
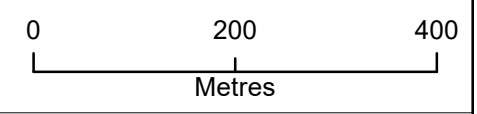






**Legend**

- Proposed M28
- Noise Sensitive Locations



**Client**

Bonnagar Ionpair Éireann  
Transport Infrastructure Ireland

**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Noise Sensitive Locations Map**

Figure: 14.6 ( Page 6 of 7 )

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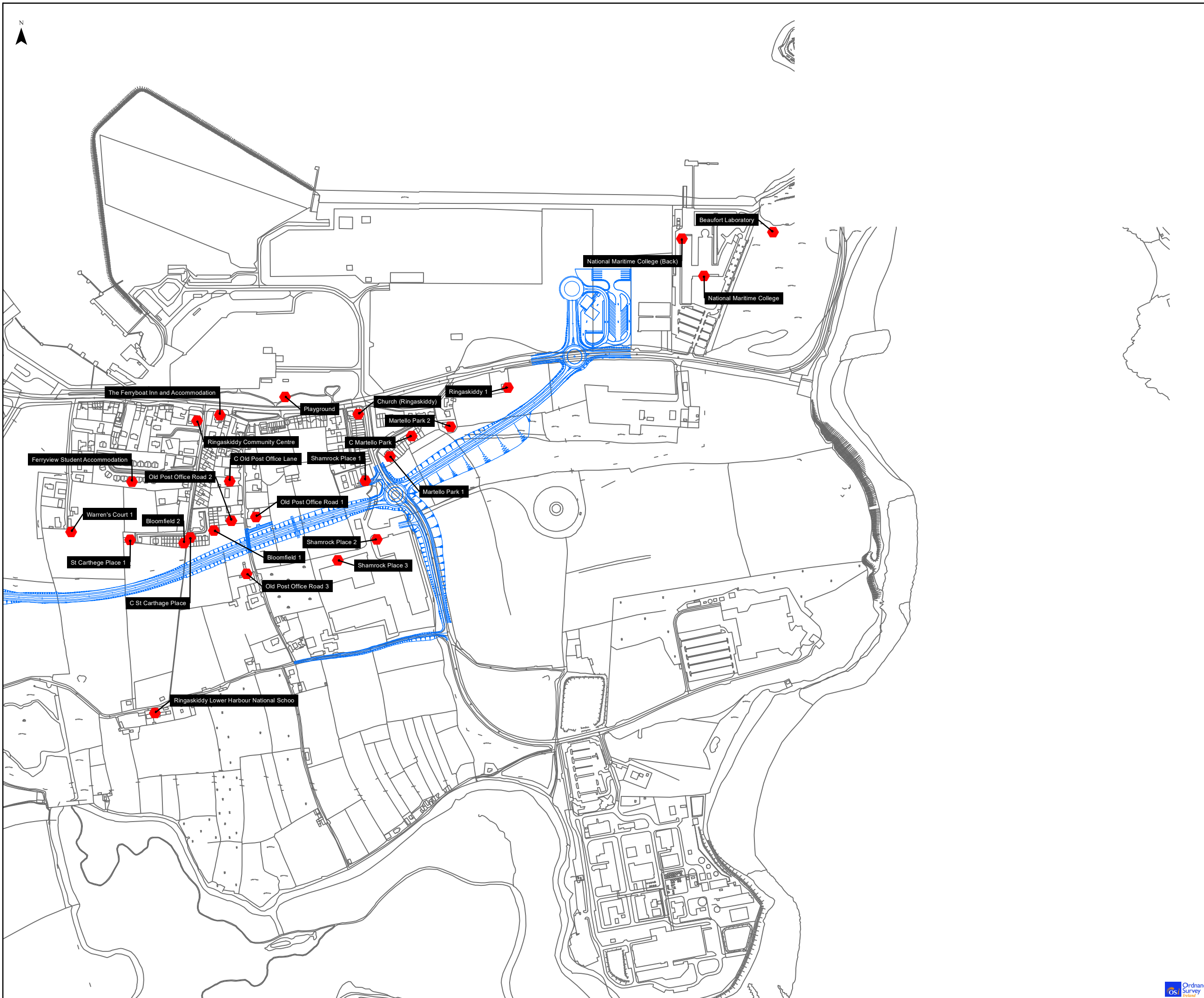
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Scale: NTS	Drawing No.	Rev:
Date: 09/05/2017	MCT0597Arc0045	F01

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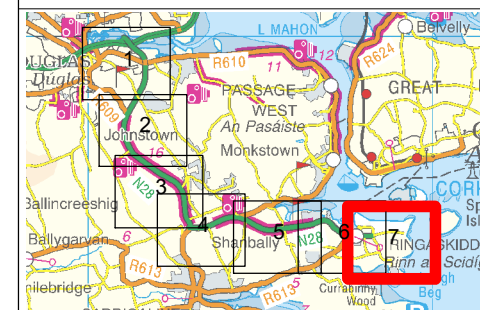
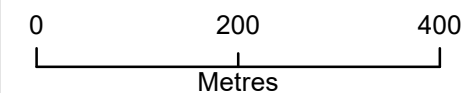




### Legend

Proposed M28

Noise Sensitive Locations



**Project**  
M28 CORK TO RINGASKIDDY PROJECT

**Title**  
Noise Sensitive Locations Map

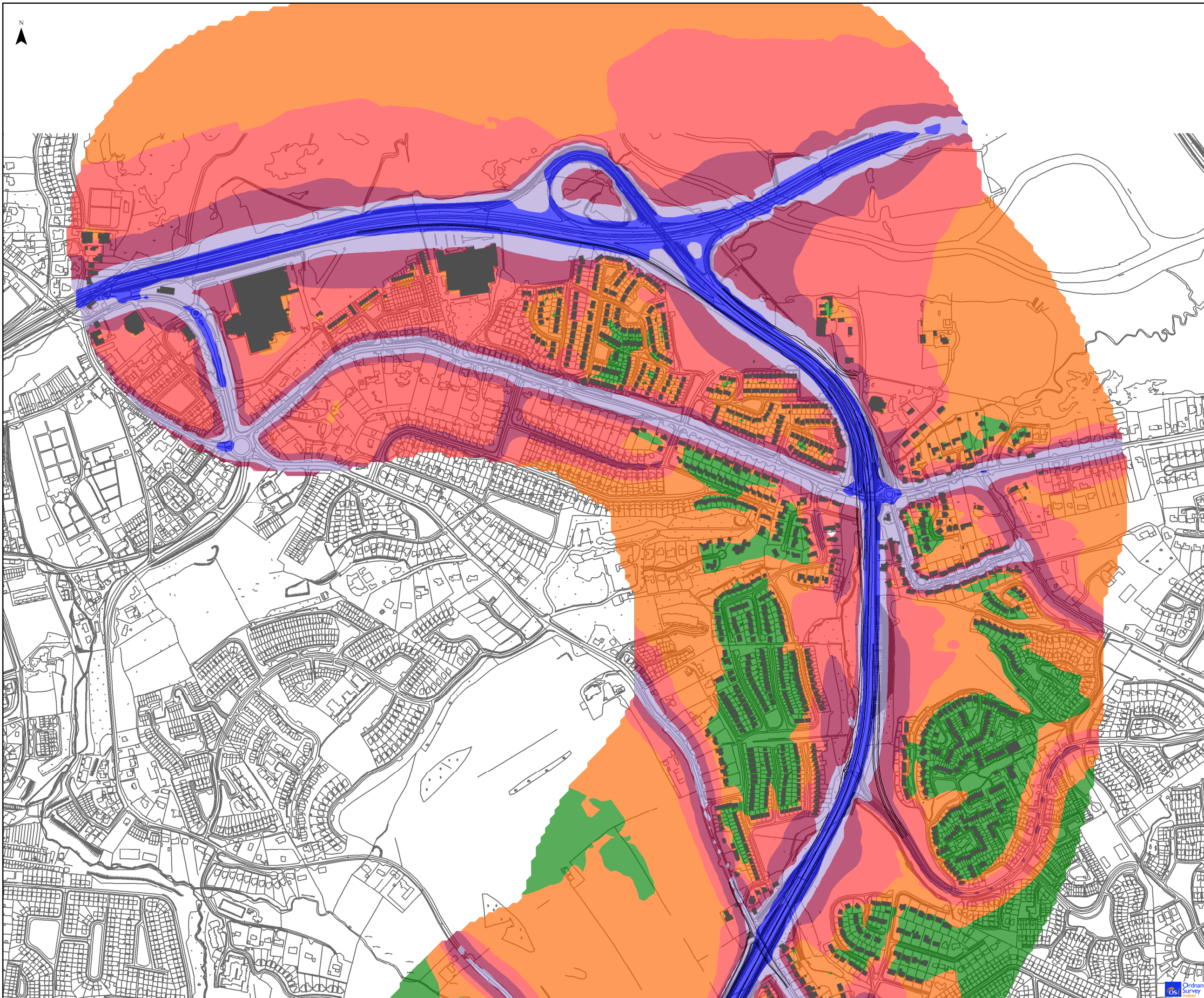
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Checked By: EMK	File Ref:	
Approved By: LB	MCT0597Arc0045F01	
Scale: NTS	Drawing No.	Rev:
Date: 09/05/2017	MCT0597Arc0045	F01

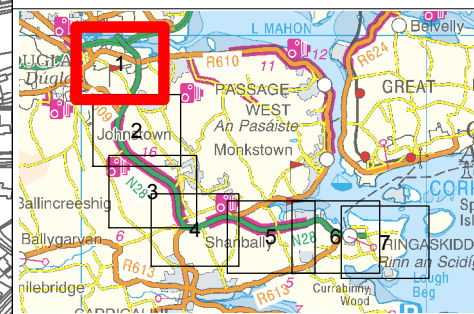
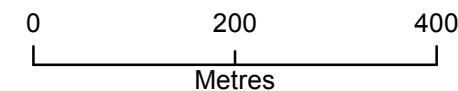
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**Legend**

-  Proposed M28
  -  Noise Model Buildings
- LDen (dB)**
-  < 55
  -  55 to 59
  -  60 to 64
  -  65 to 69
  -  70 to 74
  -  ≥ 75



**Project**  
M28 CORK TO RINGASKIDDY PROJECT

**Title**  
**Do-Minimum**  
**L<sub>Den</sub> Noise Contour Map**  
Figure: 14.7 (Page 1 of 7)

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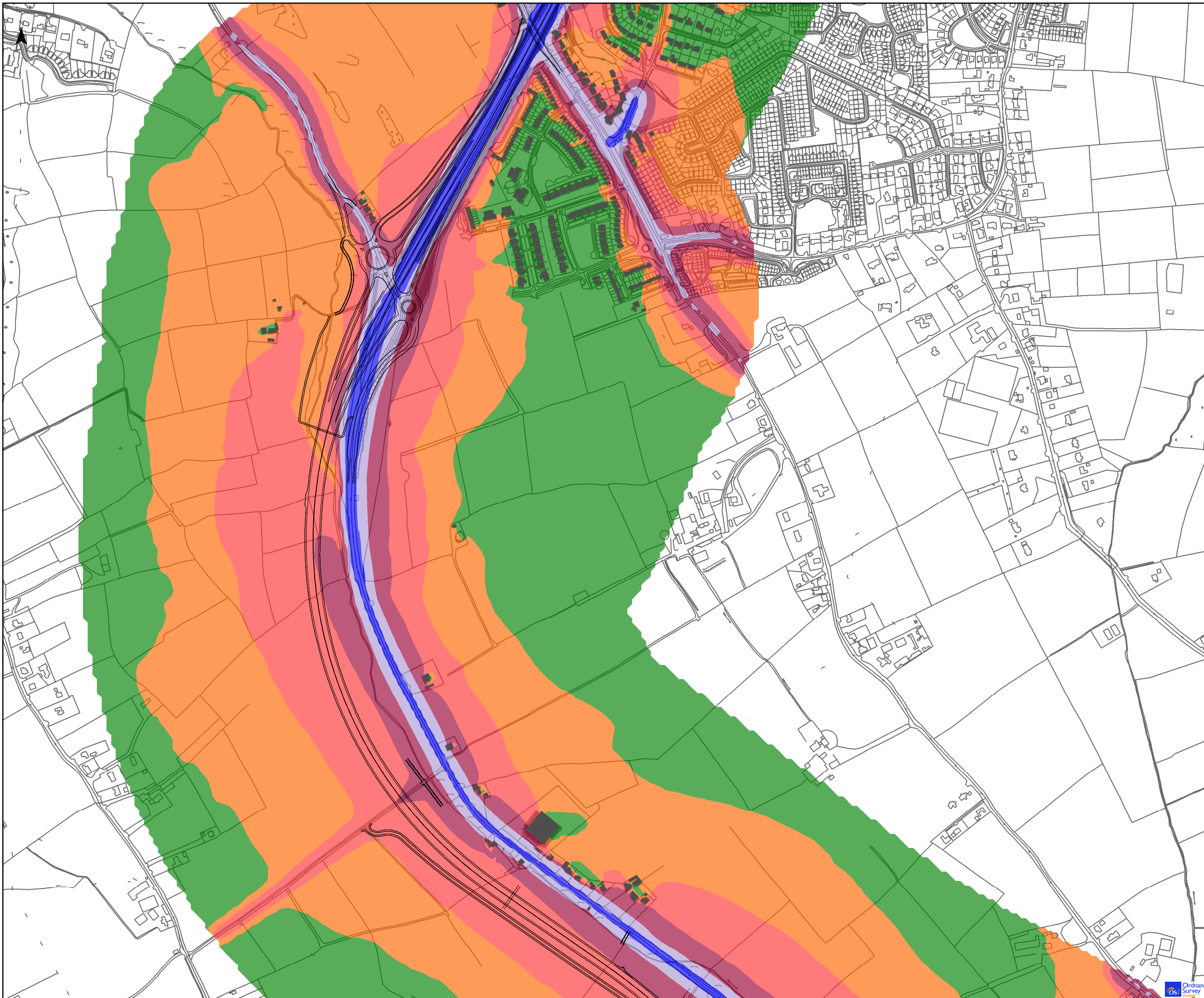
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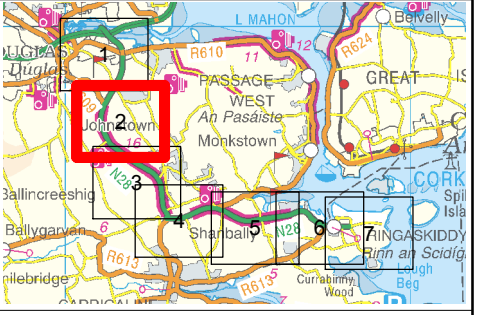
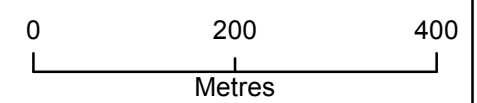




### Legend

-  Proposed M28
-  Noise Model Buildings

- #### LDen (dB)
-  < 55
  -  55 to 59
  -  60 to 64
  -  65 to 69
  -  ≥ 75



**Client**




**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Do-Minimum L<sub>Den</sub> Noise Contour Map**  
 Figure: 14.7 (Page 2 of 7)

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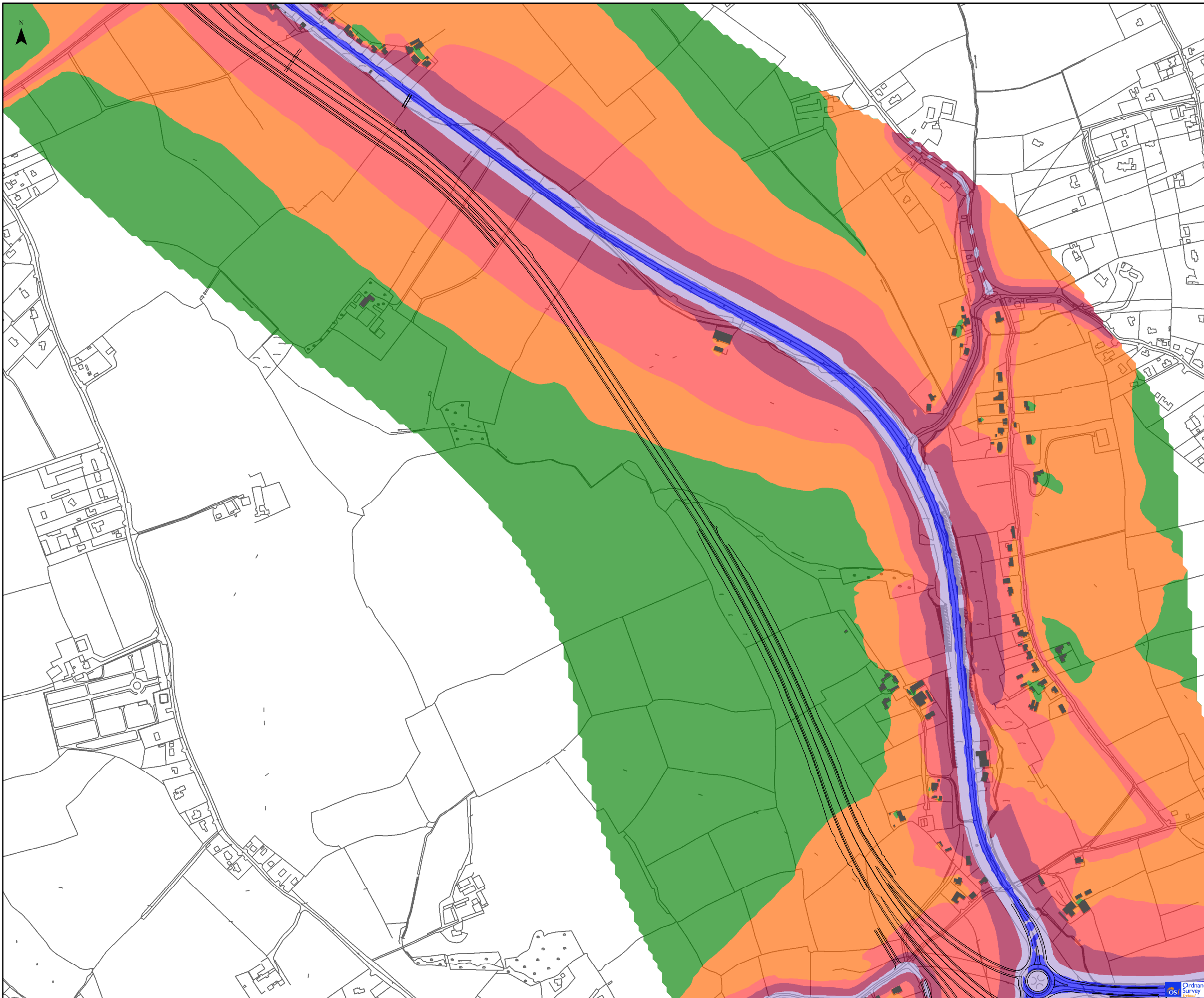
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Checked By: EMK	File Ref:	
Approved By: LB	MCT0597Arc0042F01	
Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0042	F01

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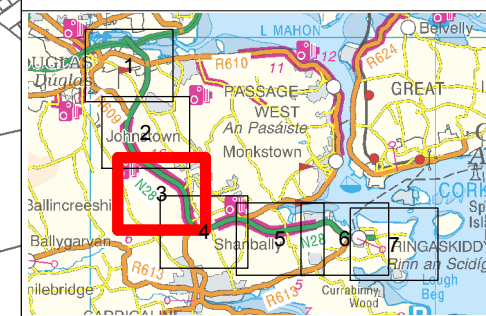
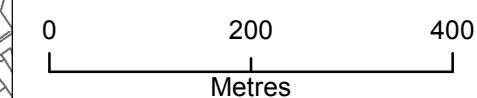
**Legend**

Proposed M28

Noise Model Buildings

**L<sub>Den</sub> (dB)**

- < 55
- 55 to 59
- 60 to 64
- 65 to 69
- 70 to 74
- ≥ 75



**Client**

**Project**  
M28 CORK TO RINGASKIDDY PROJECT

**Title**  
**Do-Minimum**  
**L<sub>Den</sub> Noise Contour Map**  
Figure: 14.7 ( Page 3 of 7 )

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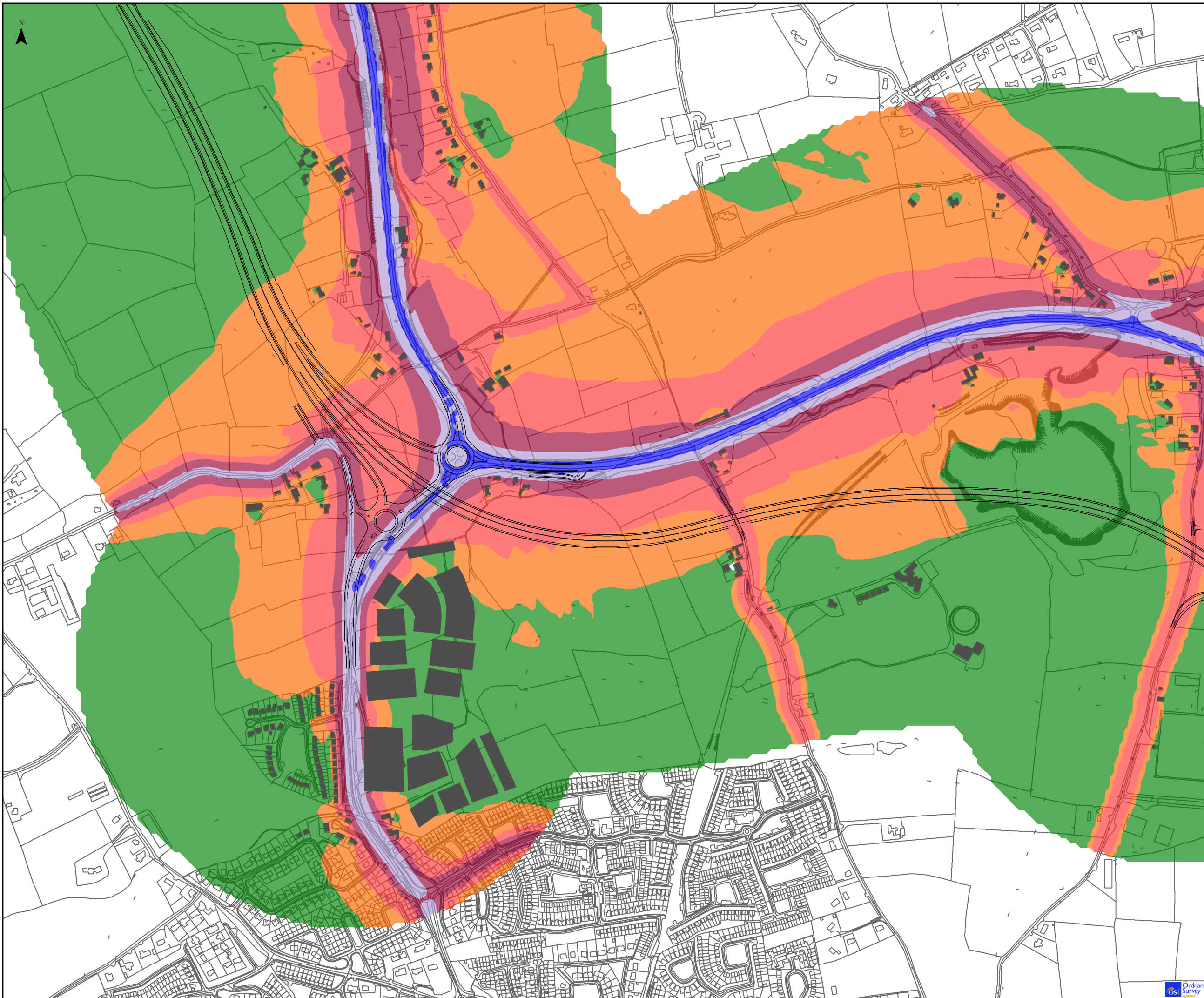
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Scale: NTS	Drawing No.	Rev:
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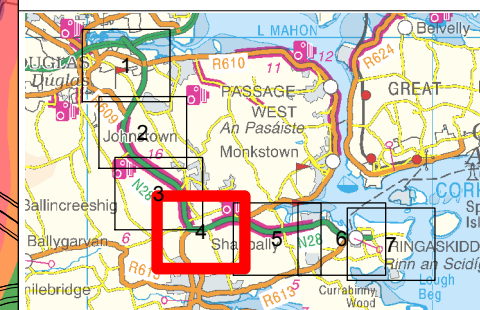
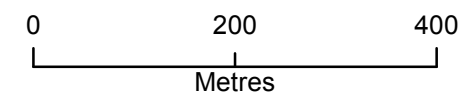
**Legend**

Proposed M28

Noise Model Buildings

**L<sub>Den</sub> (dB)**

- < 55
- 55 to 59
- 60 to 64
- 65 to 69
- 70 to 74
- ≥ 75



Client



Project

**M28 CORK TO RINGASKIDDY PROJECT**

Title

**Do-Minimum  
L<sub>Den</sub> Noise Contour Map**

Figure: 14.7 (Page 4 of 7)

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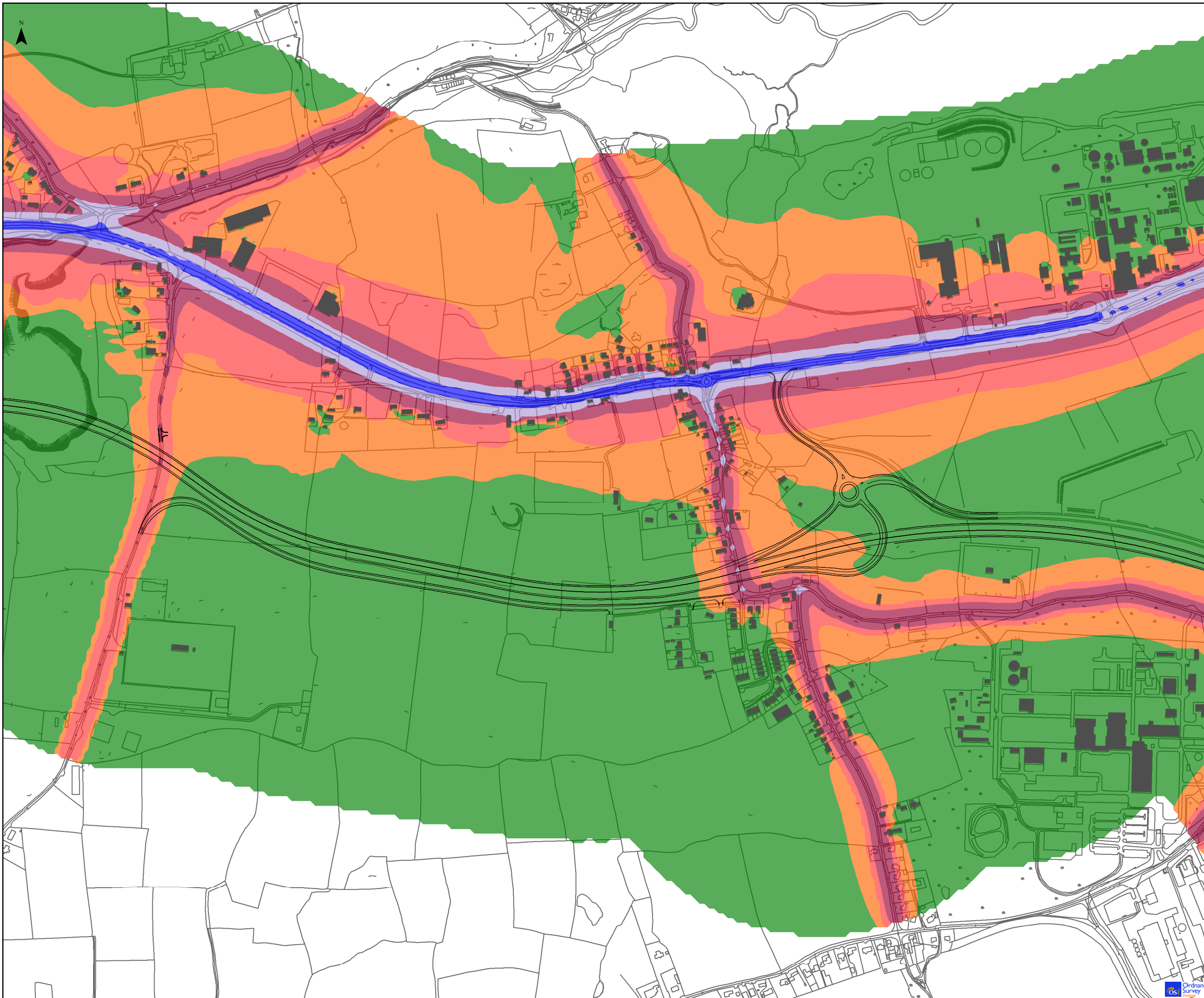
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Scale: NTS	Drawing No.	Rev:
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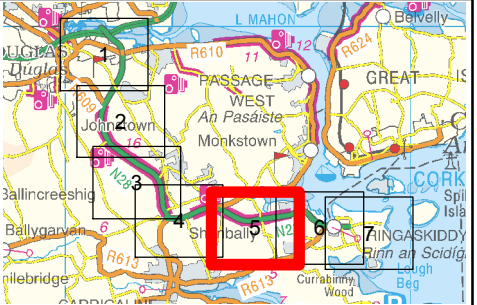
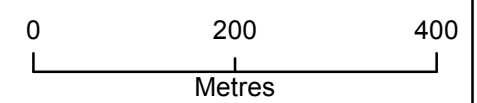




**Legend**

-  Proposed M28
-  Noise Model Buildings

- LDen (dB)**
-  < 55
  -  55 to 59
  -  60 to 64
  -  65 to 69
  -  70 to 74
  -  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LDen Noise Contour Map**  
Figure: 14.7 (Page 5 of 7)

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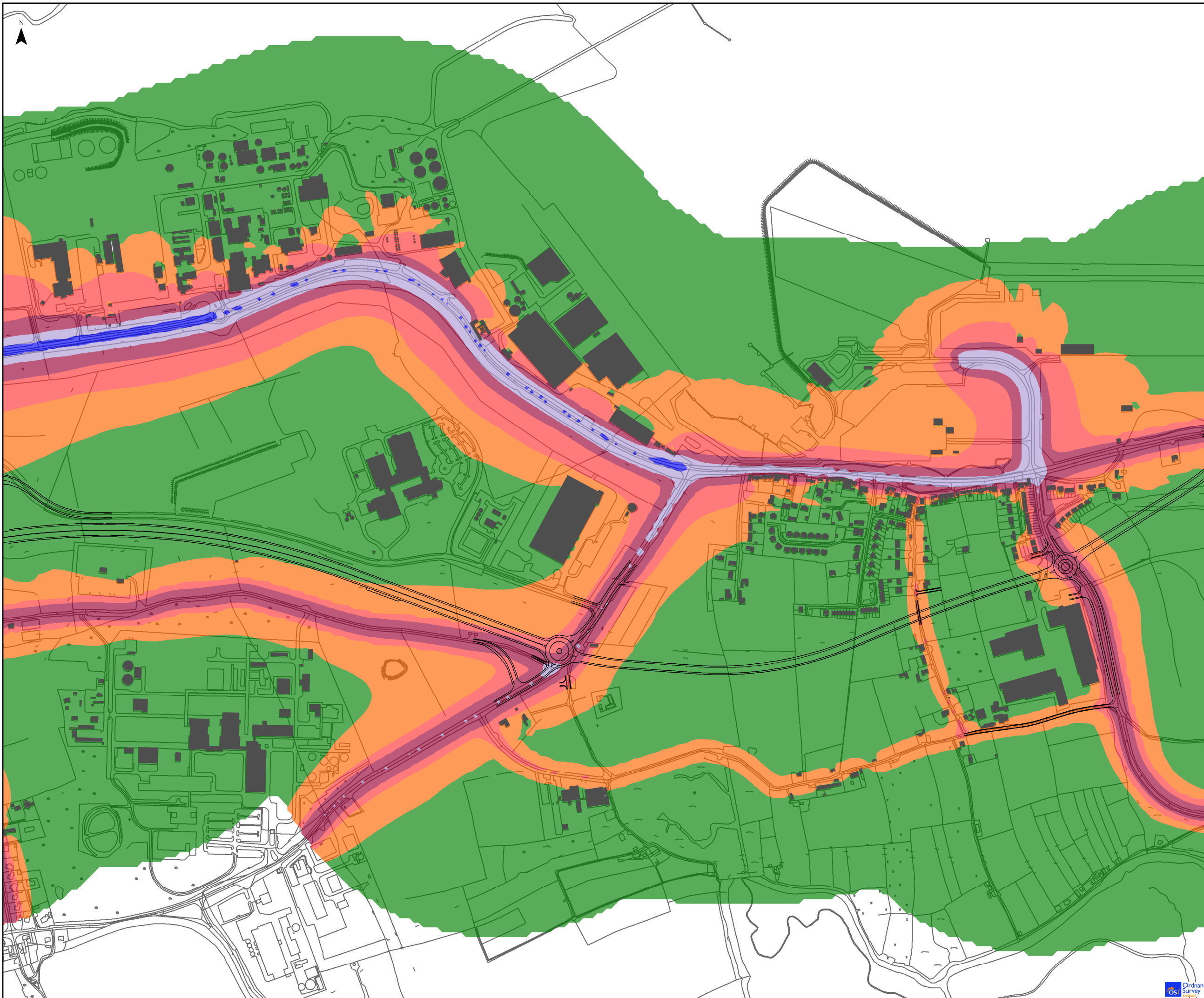
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Scale: NTS	Drawing No.	Rev:
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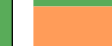






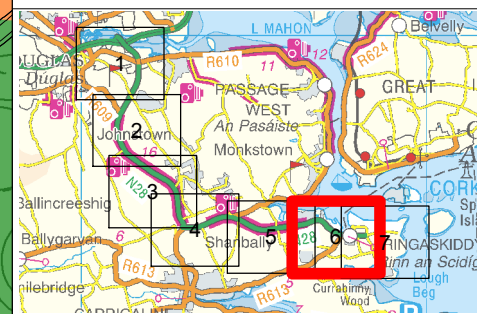
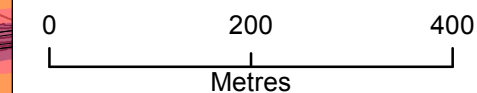


**Legend**

-  Proposed M28
-  Noise Model Buildings

**LDen (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LDen Noise Contour Map**  
Figure: 14.7 (Page 6 of 7)



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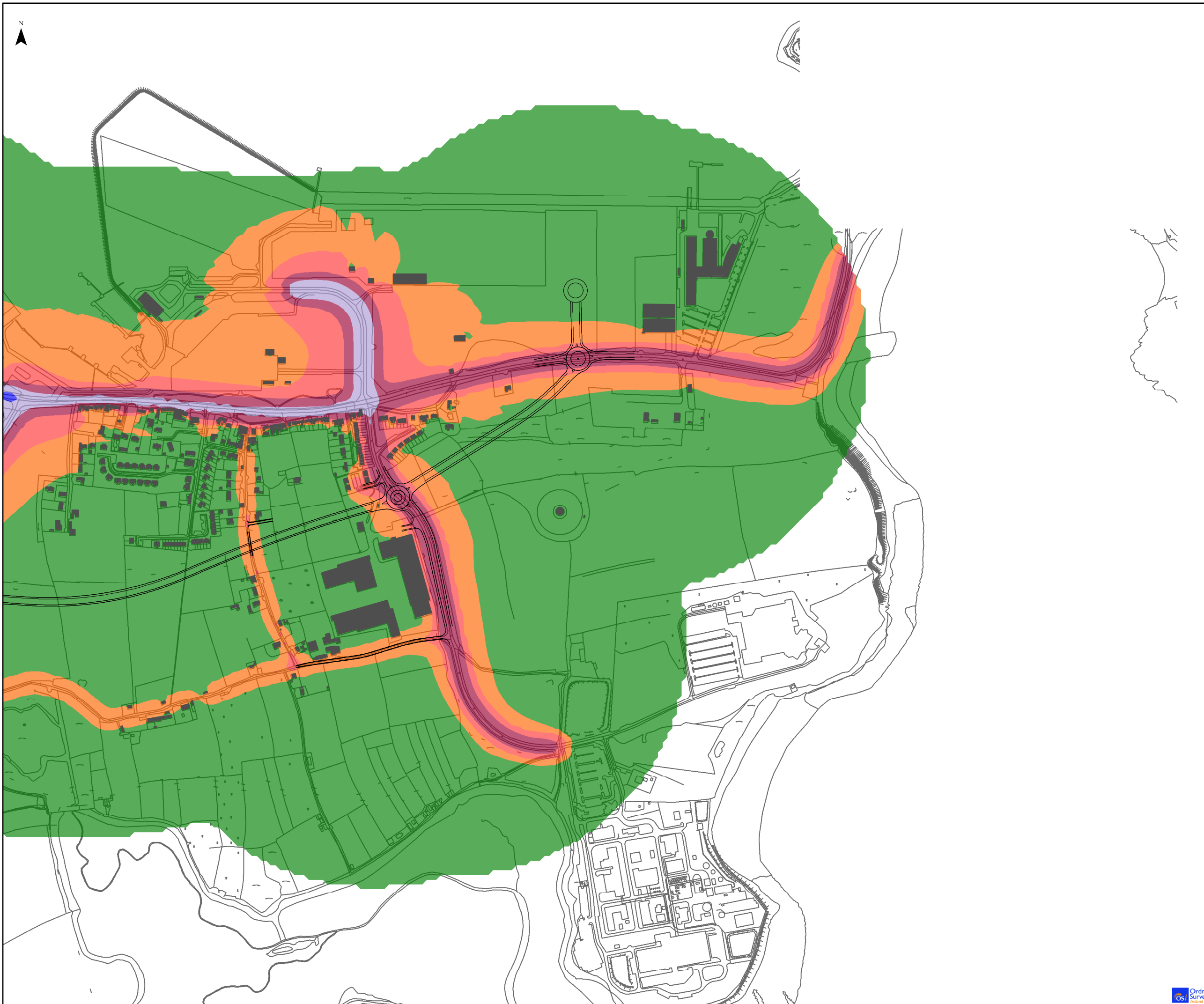
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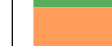






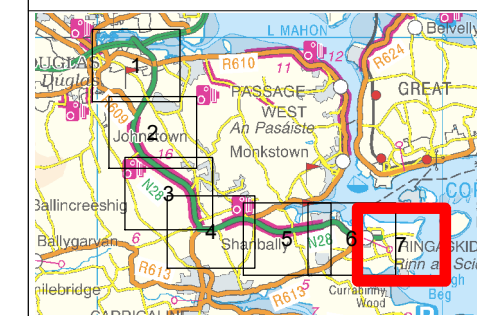
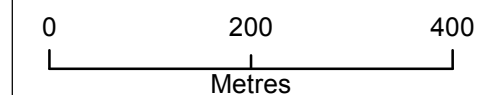


### Legend

-  Proposed M28
-  Noise Model Buildings

### L<sub>Den</sub> (dB)

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
L<sub>Den</sub> Noise Contour Map**  
Figure: 14.7 (Page 7 of 7)

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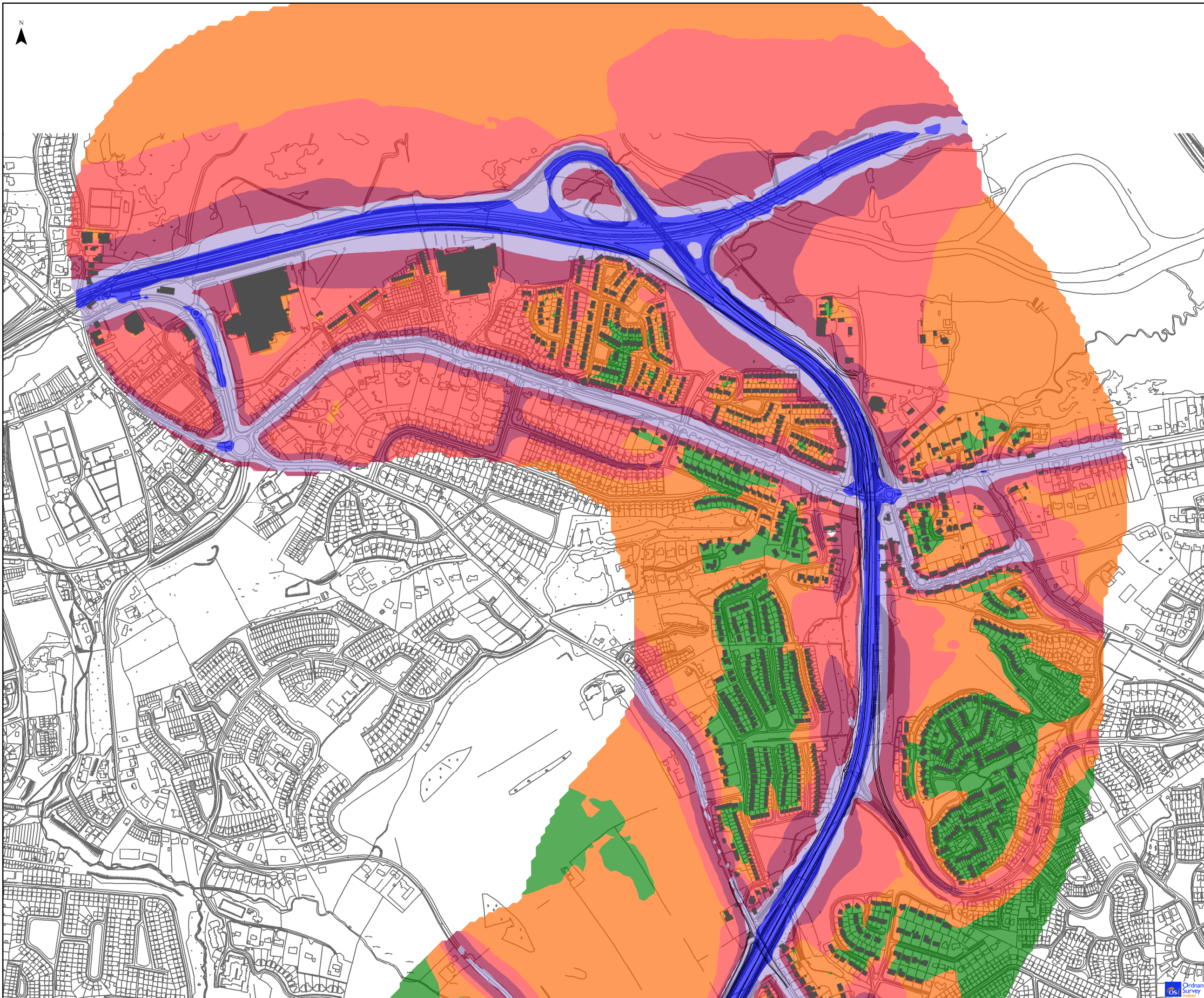
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Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0042	F01









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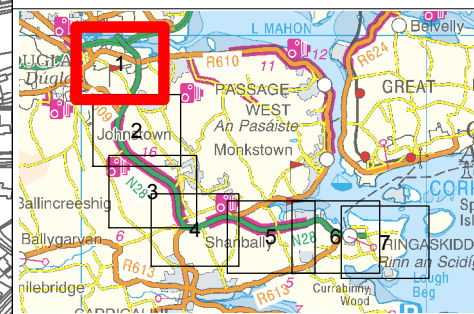
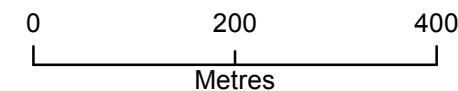
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**Legend**

-  Proposed M28
  -  Noise Model Buildings
- L<sub>Den</sub> (dB)**
-  < 55
  -  55 to 59
  -  60 to 64
  -  65 to 69
  -  70 to 74
  -  ≥ 75



Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
L<sub>Den</sub> Noise Contour Map**  
Figure: 14.7 (Page 1 of 7)

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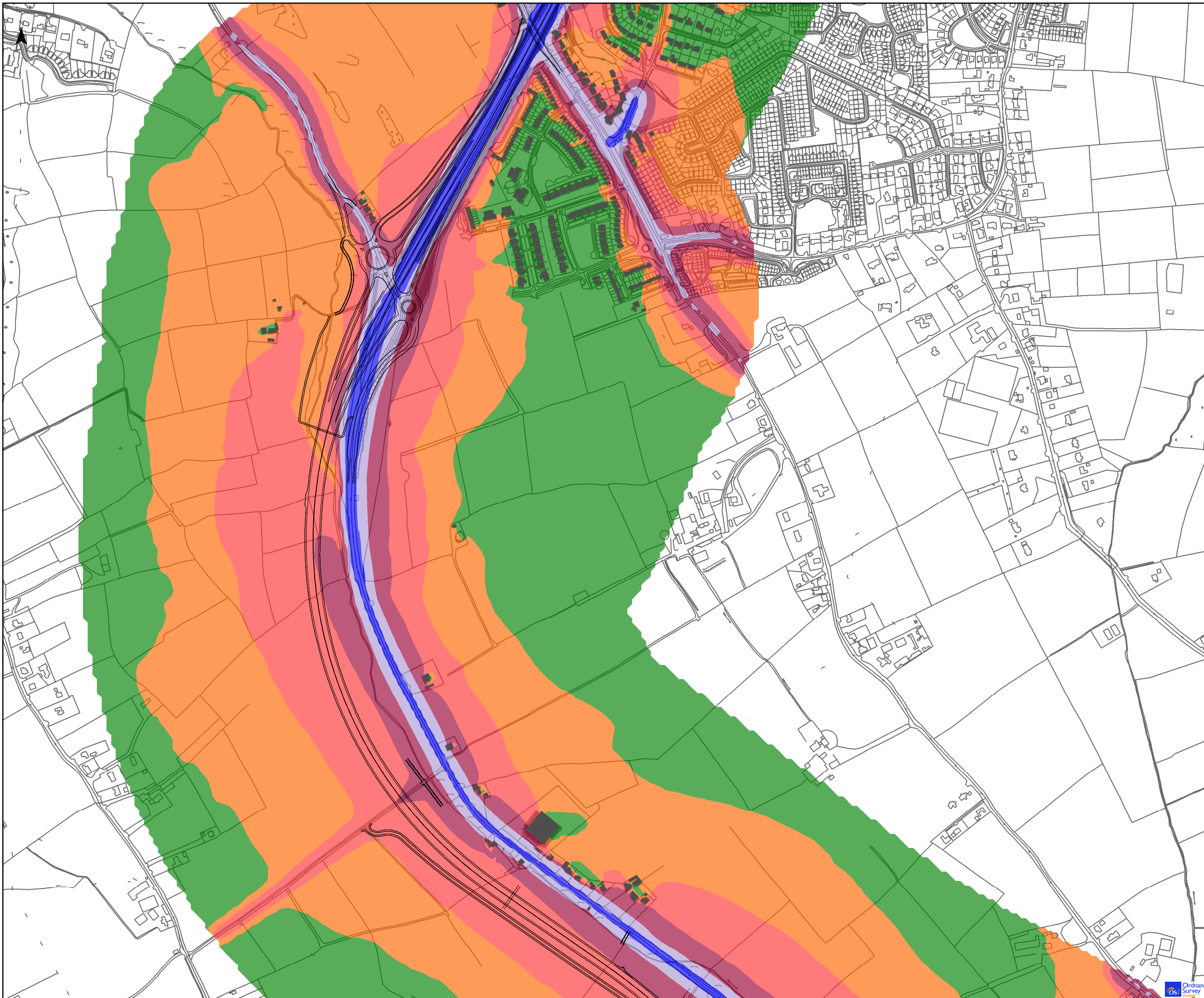
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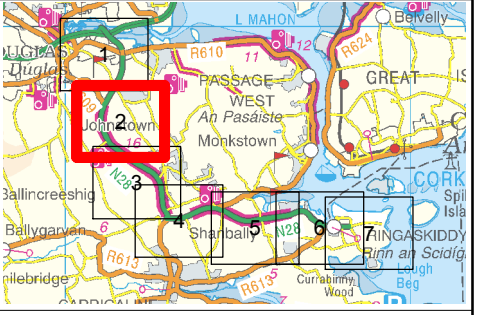
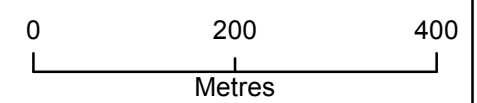




### Legend

-  Proposed M28
-  Noise Model Buildings

- #### LDen (dB)
-  < 55
  -  55 to 59
  -  60 to 64
  -  65 to 69
  -  ≥ 75



**Client**




**Project**  
M28 CORK TO RINGASKIDDY PROJECT

**Title**  
**Do-Minimum**  
**L<sub>Den</sub> Noise Contour Map**  
Figure: 14.7 (Page 2 of 7)

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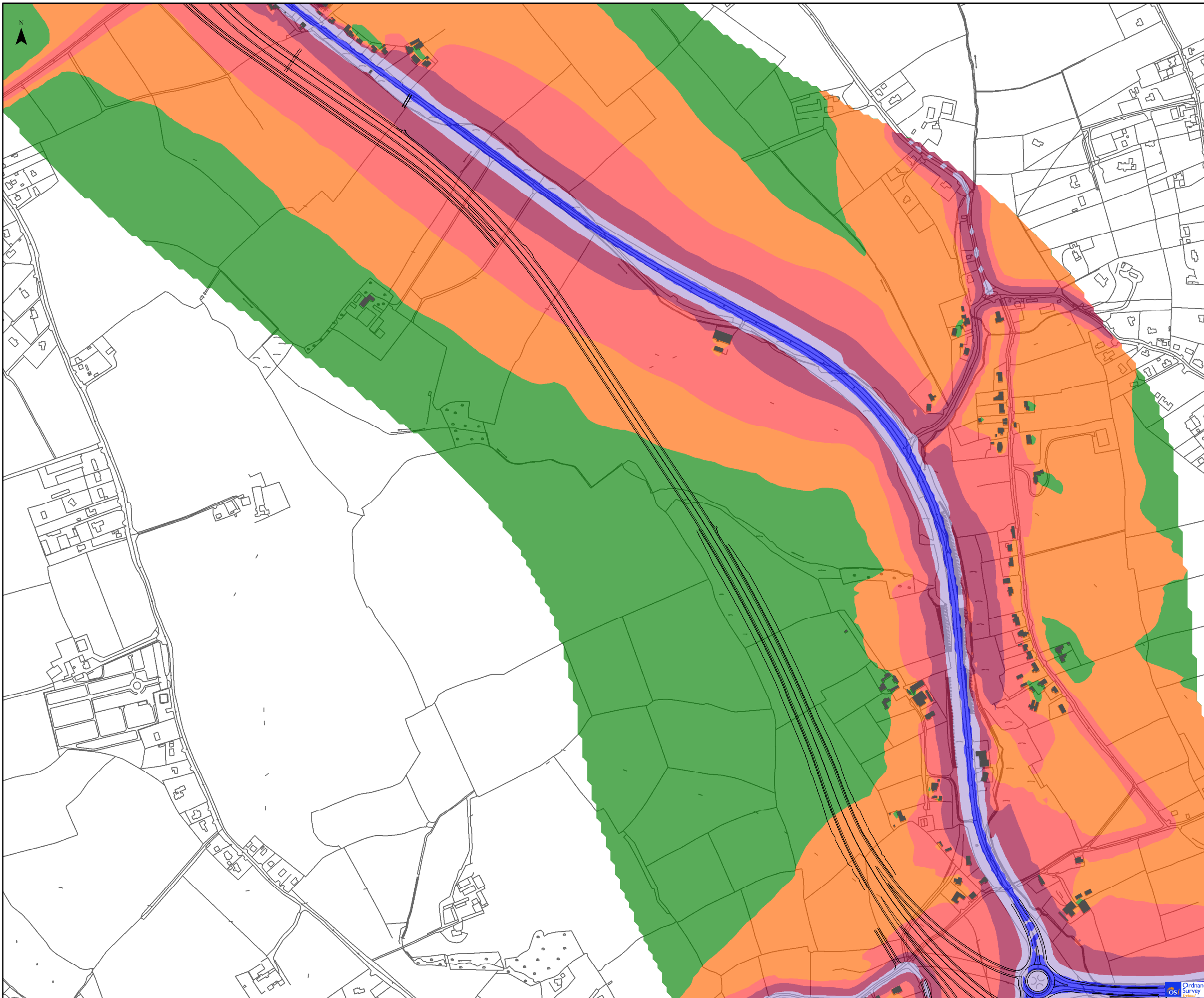
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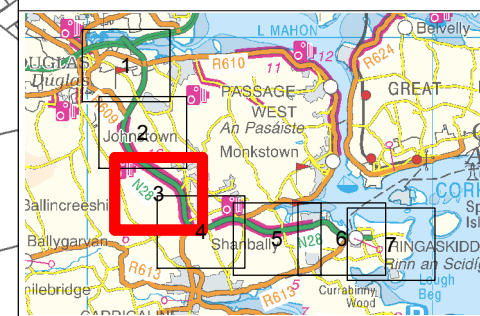
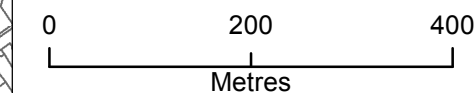
**Legend**

Proposed M28

Noise Model Buildings

**L<sub>Den</sub> (dB)**

- < 55
- 55 to 59
- 60 to 64
- 65 to 69
- 70 to 74
- ≥ 75



**Client**

**Project**  
M28 CORK TO RINGASKIDDY PROJECT

**Title**  
**Do-Minimum**  
**L<sub>Den</sub> Noise Contour Map**  
Figure: 14.7 (Page 3 of 7)

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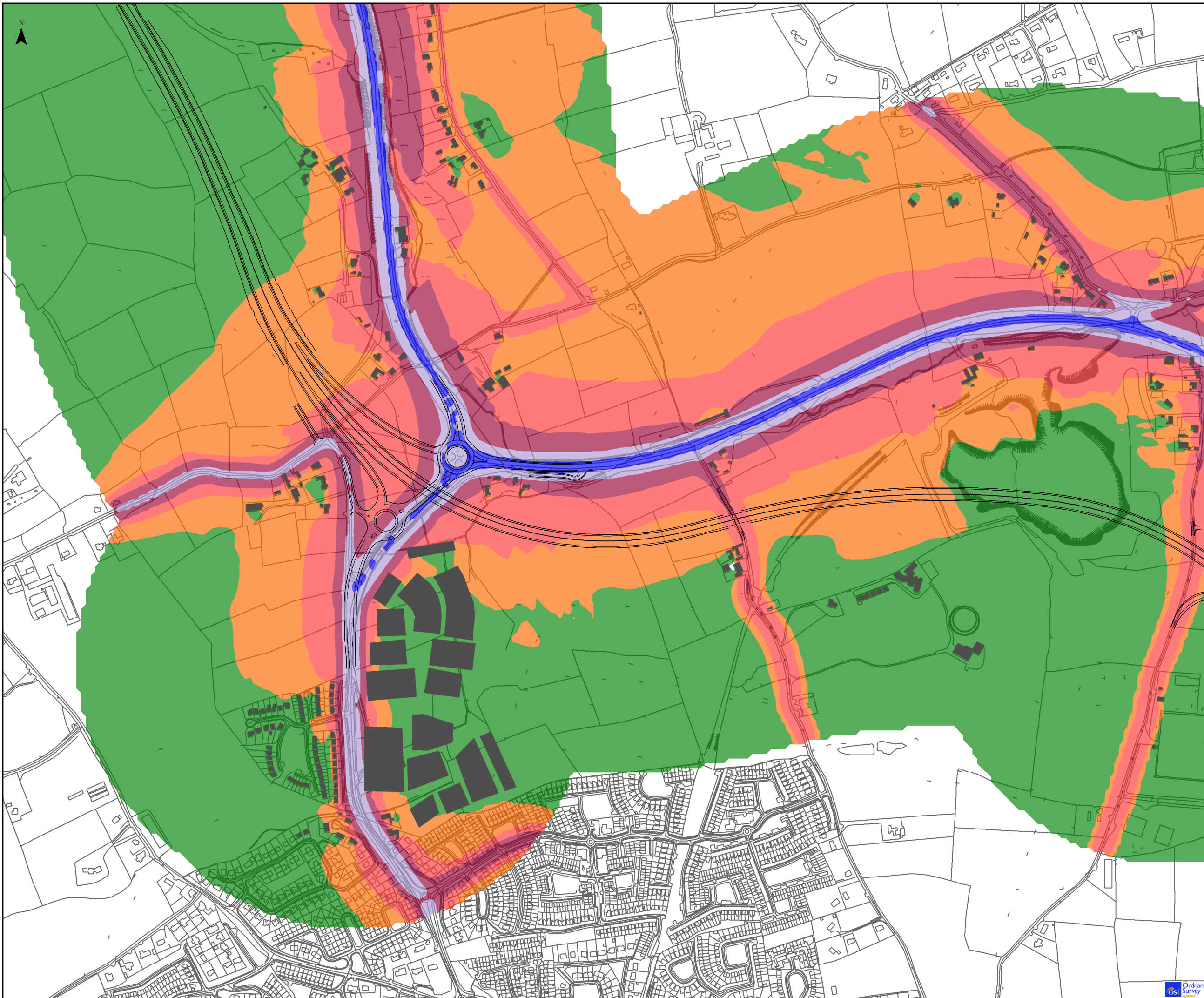
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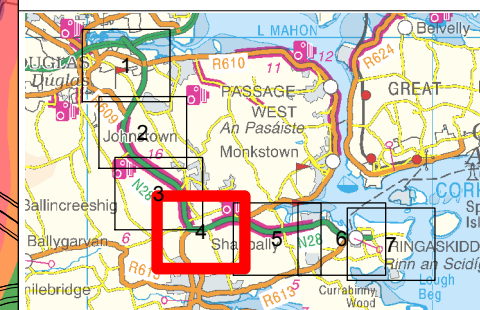
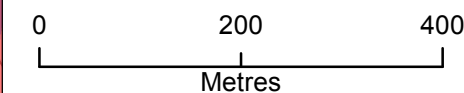
**Legend**

Proposed M28

Noise Model Buildings

**LDen (dB)**

- < 55
- 55 to 59
- 60 to 64
- 65 to 69
- 70 to 74
- ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum L<sub>Den</sub> Noise Contour Map**  
Figure: 14.7 (Page 4 of 7)

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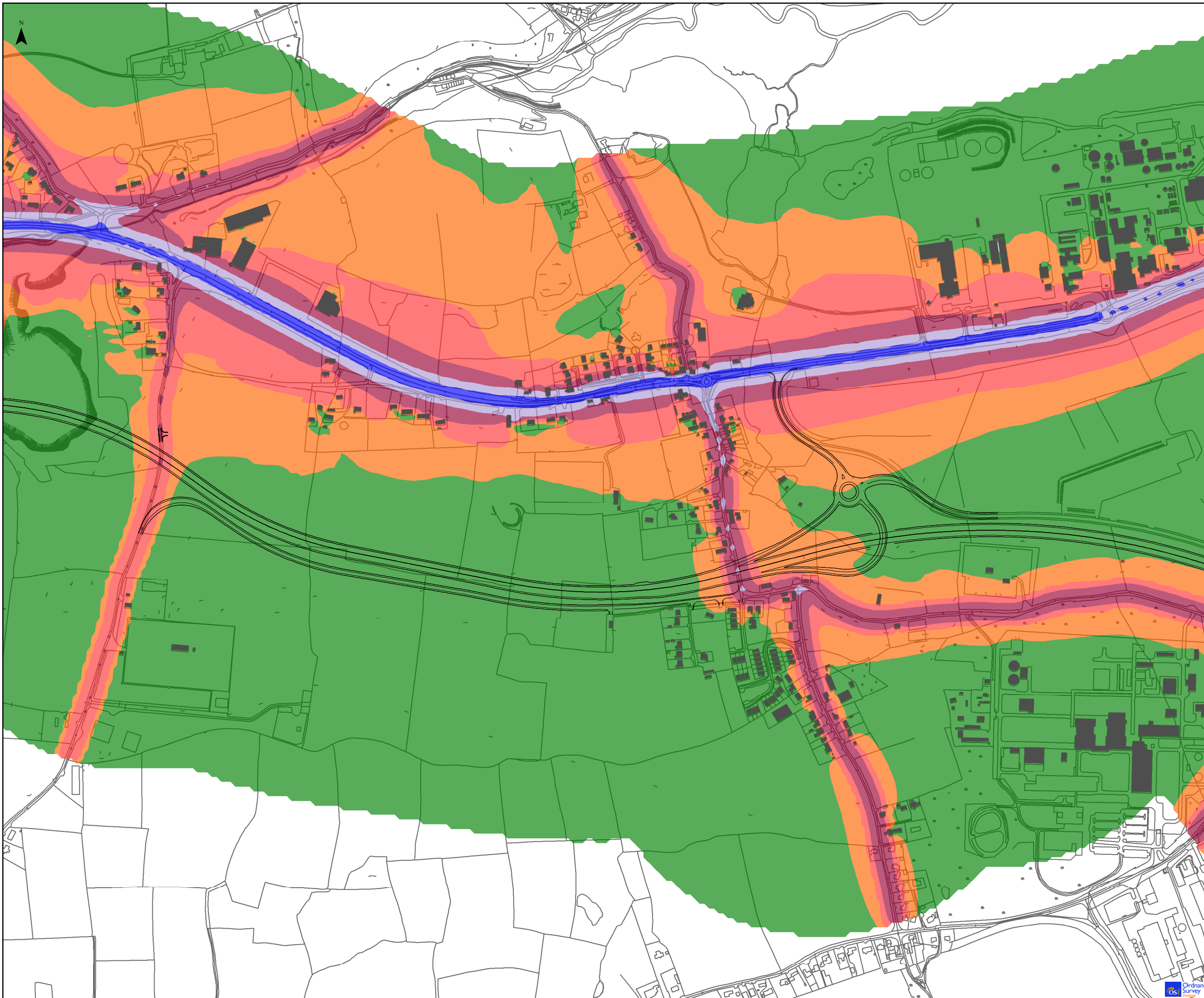
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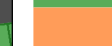






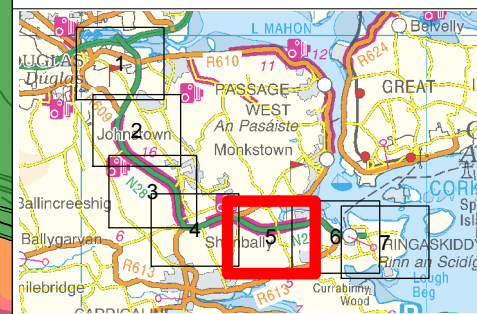
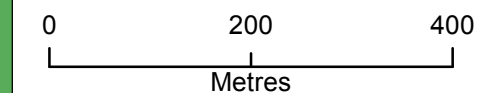


**Legend**

-  Proposed M28
-  Noise Model Buildings

**LDen (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LDen Noise Contour Map**  
Figure: 14.7 (Page 5 of 7)

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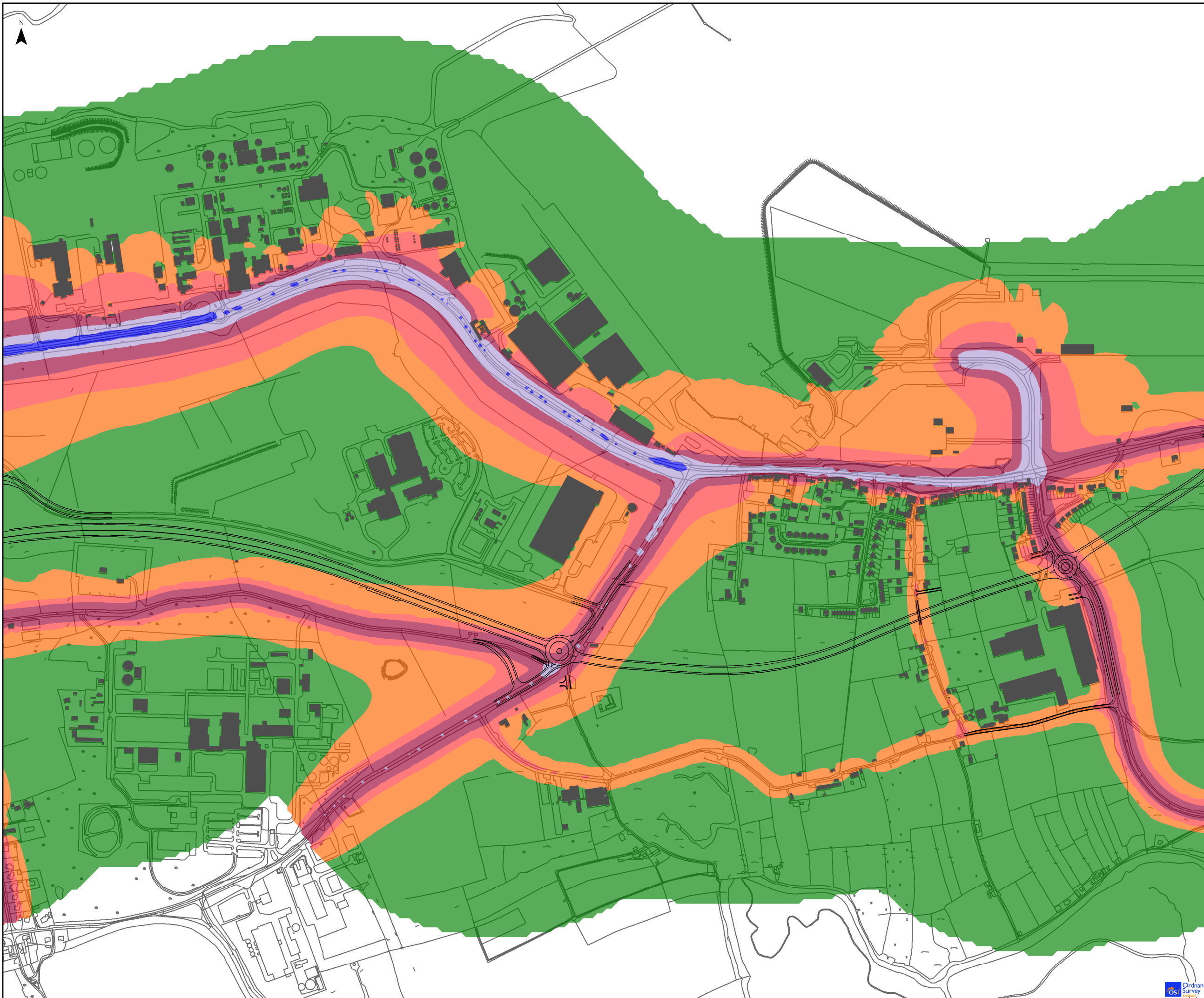
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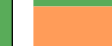






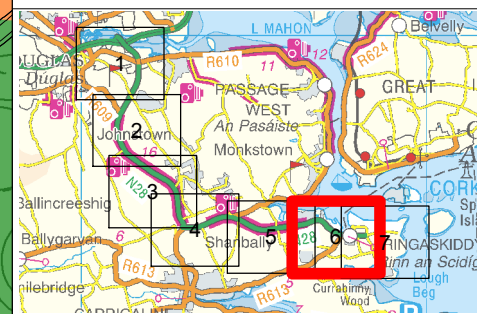
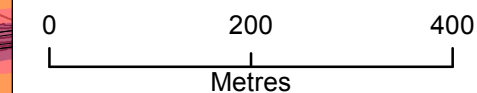


**Legend**

-  Proposed M28
-  Noise Model Buildings

**LDen (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
L<sub>Den</sub> Noise Contour Map**  
Figure: 14.7 (Page 6 of 7)



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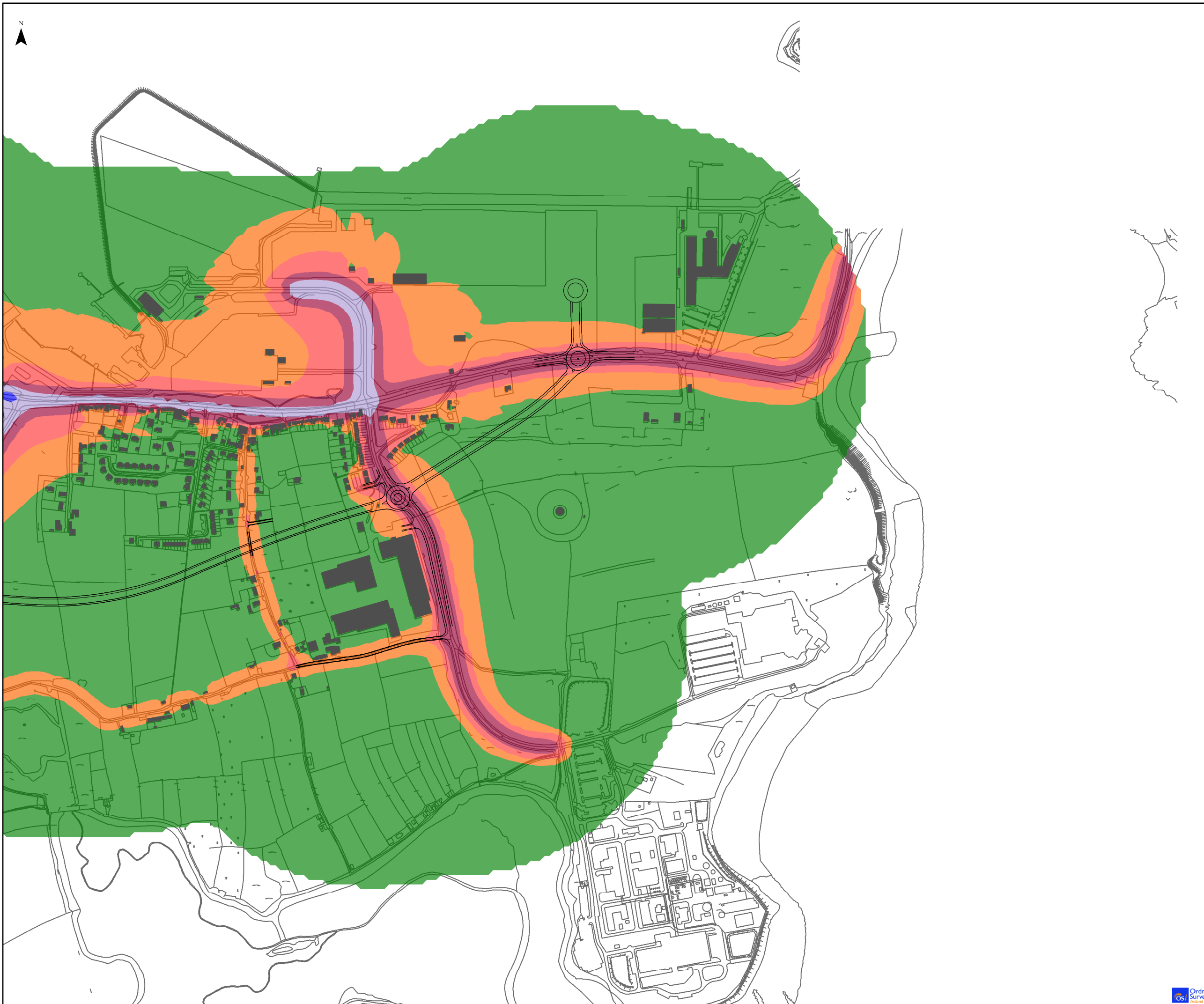
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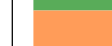
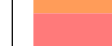

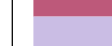



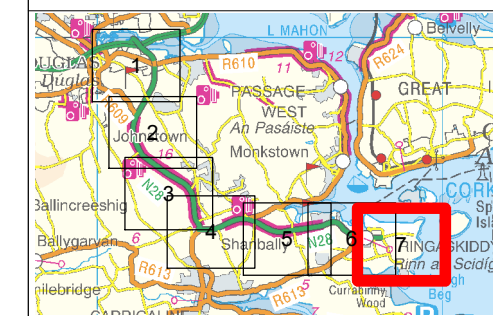
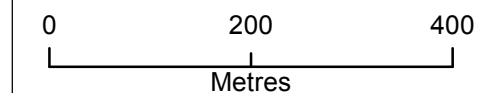


**Legend**

-  Proposed M28
-  Noise Model Buildings

**L<sub>Den</sub> (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



**Client**




Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

**Project**

**M28 CORK TO RINGASKIDDY PROJECT**

**Title**

**Do-Minimum  
L<sub>Den</sub> Noise Contour Map**

Figure: 14.7 (Page 7 of 7)

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**Issue Details**

<b>Drawn By:</b> JPM	<b>Project No.:</b> MCT0597
<b>Checked By:</b> EMK	<b>File Ref:</b>
<b>Approved By:</b> LB	MCT0597Arc0042F01
<b>Scale:</b> NTS	<b>Drawing No.:</b>
<b>Date:</b> 20/04/2017	MCT0597Arc0042
	<b>Rev:</b>
	F01



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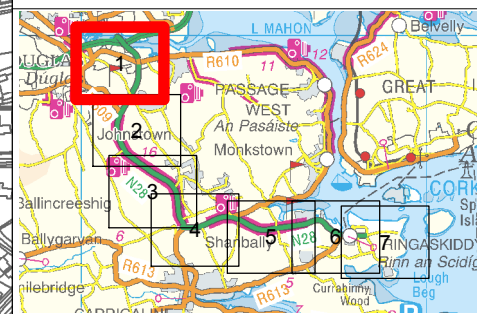
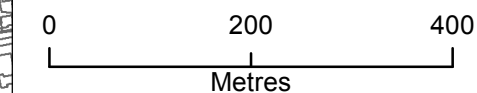


**Legend**

-  Proposed M28
-  Noise Model Buildings

**LNight (dB)**

-  < 45
-  45 to 49
-  50 to 54
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client  

Project **M28 CORK TO RINGASKIDDY PROJECT**

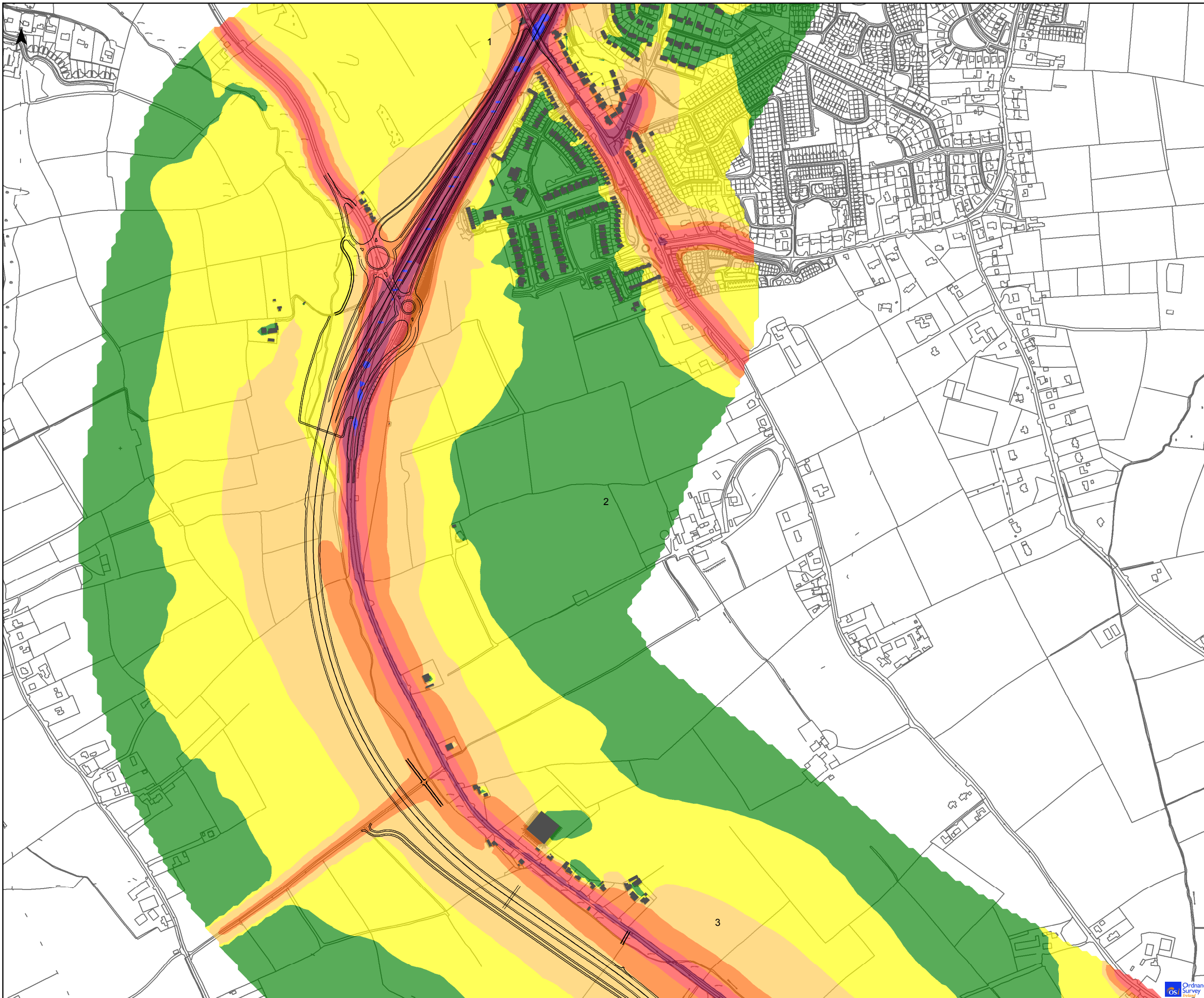
Title **Do-Minimum LNight Noise Contour Map**  
Figure: 14.8 (Page 1 of 7)

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Issue Details		
Drawn By: JPM	Project No. MCT0597	
Checked By: EMK	File Ref: MCT0597Arc0043F01	
Approved By: LB	Drawing No. MCT0597Arc0043	Rev: F01
Scale: NTS		
Date: 20/04/2017		









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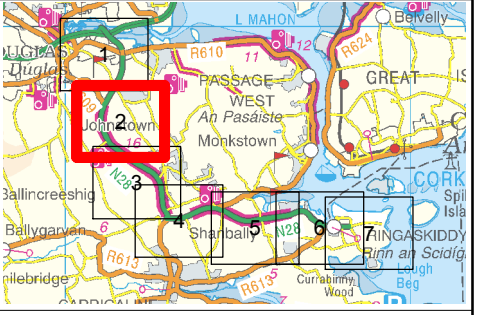
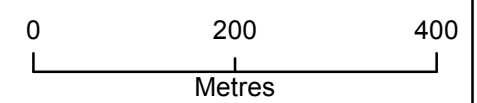




**Legend**

-  Proposed M28
-  Noise Model Buildings

- LNight (dB)**
-  < 45
  -  45 to 49
  -  50 to 54
  -  55 to 59
  -  60 to 64
  -  65 to 69
  -  70 to 74
  -  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LNight Noise Contour Map**  
Figure: 14.8 (Page 2 of 7)



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Checked By: EMK	File Ref:	
Approved By: LB	MCT0597Arc0043F01	
Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0043	F01

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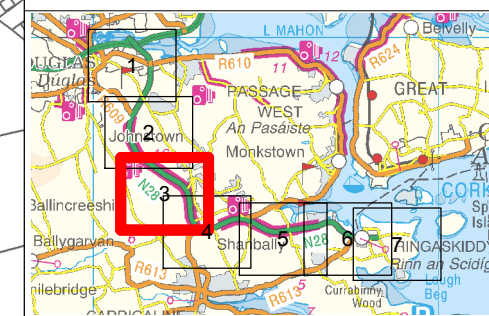
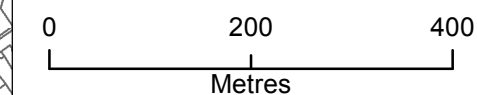
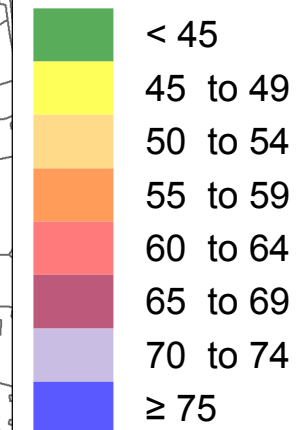


**Legend**

Proposed M28

Noise Model Buildings

**L<sub>Night</sub> (dB)**



Client

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
L<sub>Night</sub> Noise Contour Map**  
Figure: 14.8 (Page 3 of 7)

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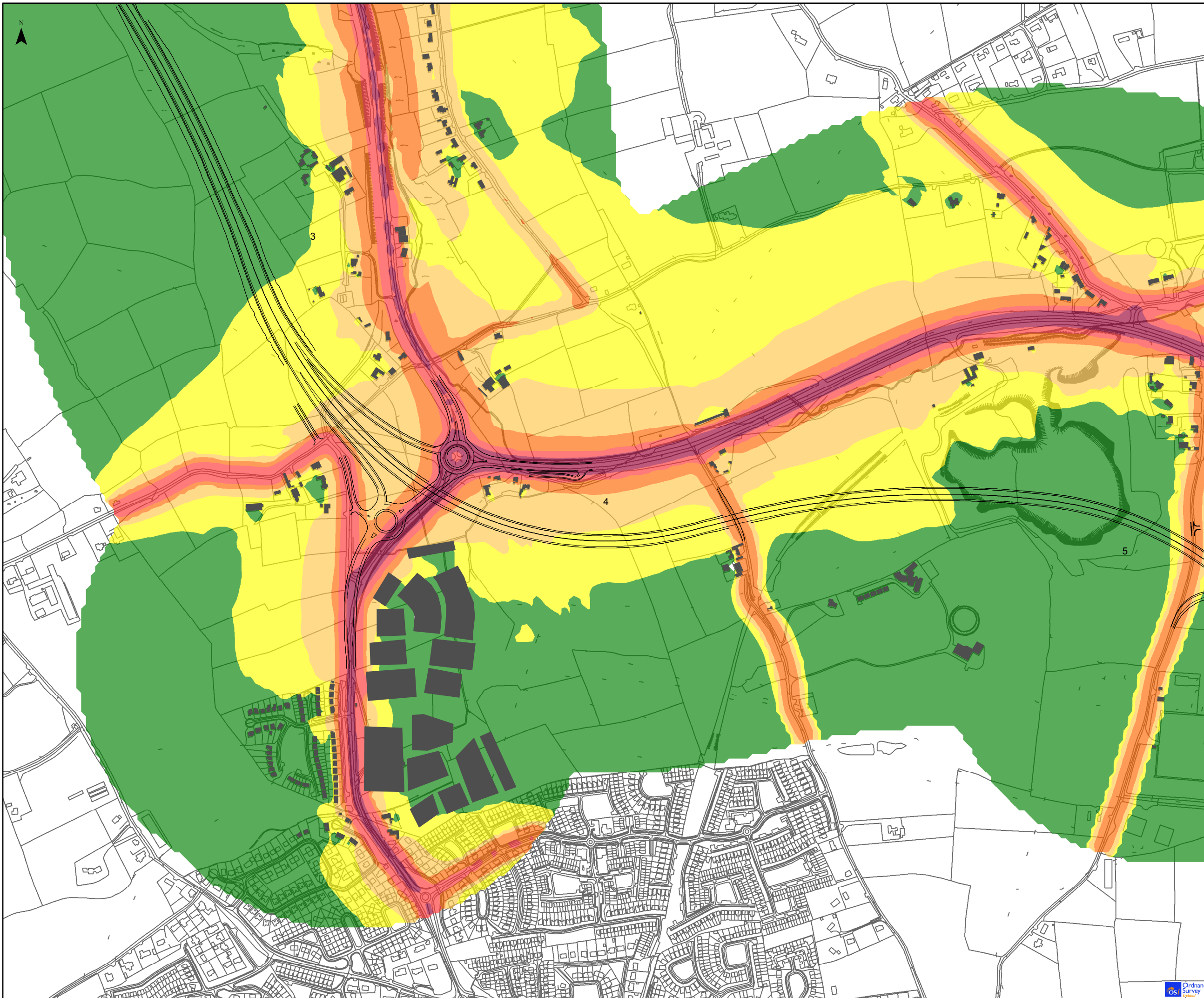
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Checked By: EMK	File Ref:	
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Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0043	F01

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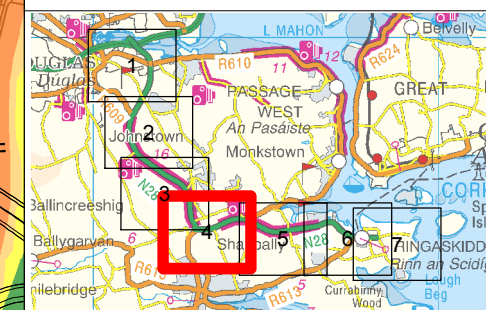
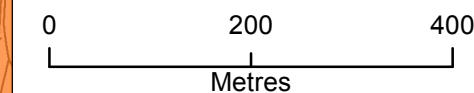
**Legend**

Proposed M28

Noise Model Buildings

**LNight (dB)**

- < 45
- 45 to 49
- 50 to 54
- 55 to 59
- 60 to 64
- 65 to 69
- 70 to 74
- ≥ 75



Client

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LNight Noise Contour Map**  
Figure: 14.8 (Page 4 of 7)

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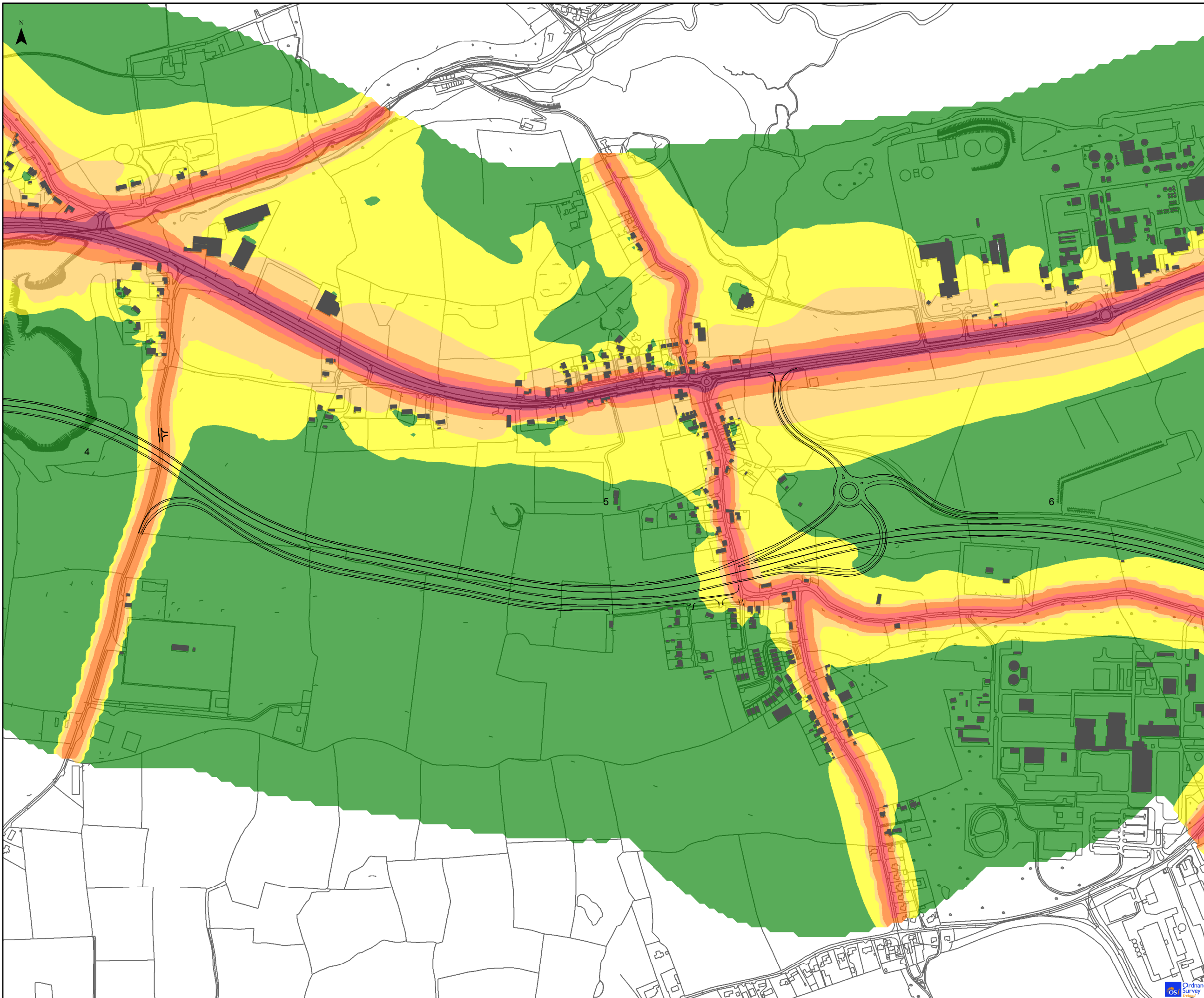
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Checked By: EMK	File Ref:	
Approved By: LB	MCT0597Arc0043F01	
Scale: NTS	Drawing No.	Rev:
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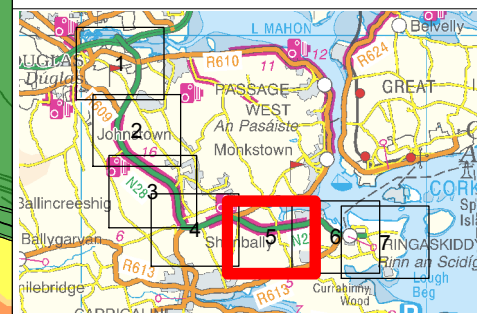
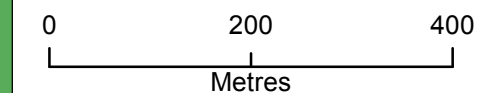


**Legend**

-  Proposed M28
-  Noise Model Buildings

**LNight (dB)**

-  < 45
-  45 to 49
-  50 to 54
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LNight Noise Contour Map**  
Figure: 14.8 (Page 5 of 7)

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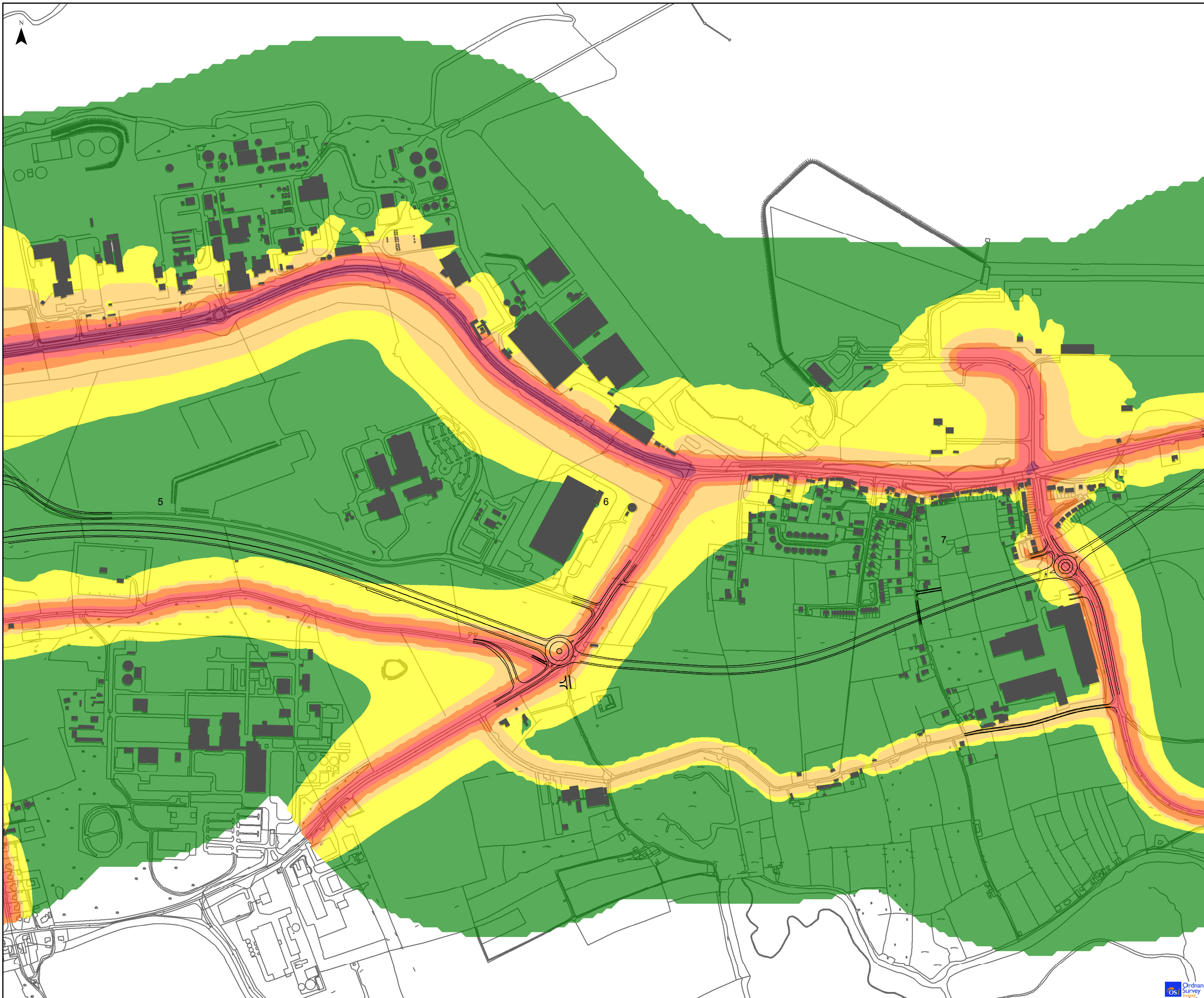
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Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0043	F01

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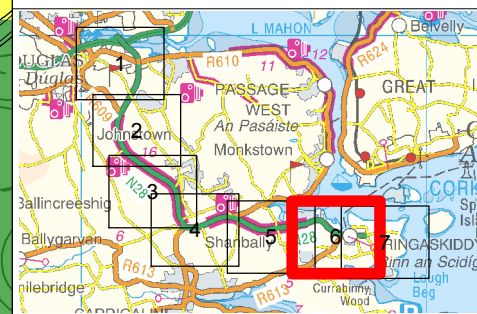
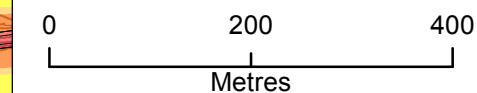


**Legend**

-  Proposed M28
-  Noise Model Buildings

**L<sub>Night</sub> (dB)**

-  <math>< 45</math>
-  45 to 49
-  50 to 54
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  <math>\ge 75</math>



Client




Bonnagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
L<sub>Night</sub> Noise Contour Map**  
Figure: 14.8 (Page 6 of 7)



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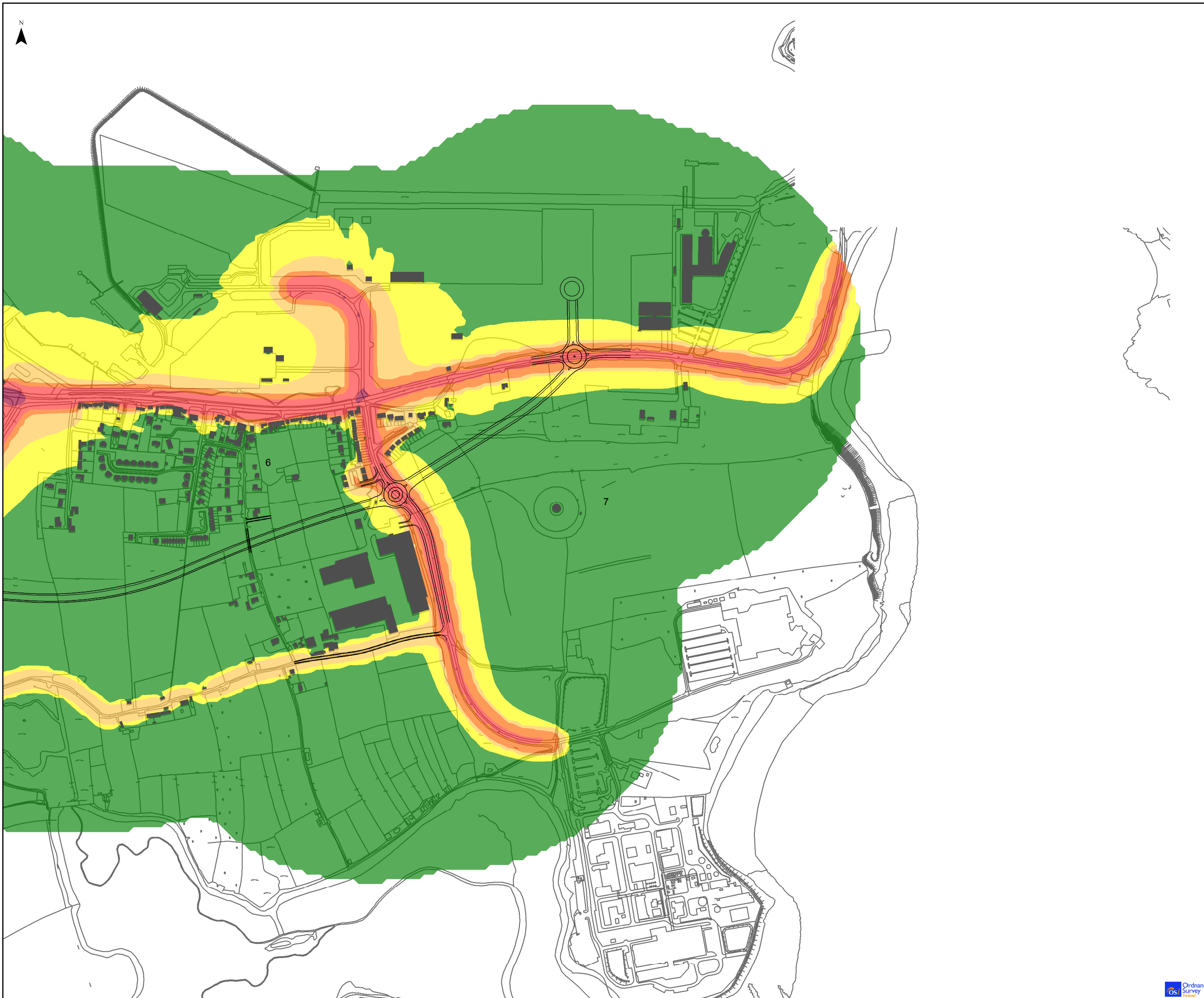
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Drawn By: JPM	Project No. MCT0597	
Checked By: EMK	File Ref:	
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Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0043	F01



**NOTE:**

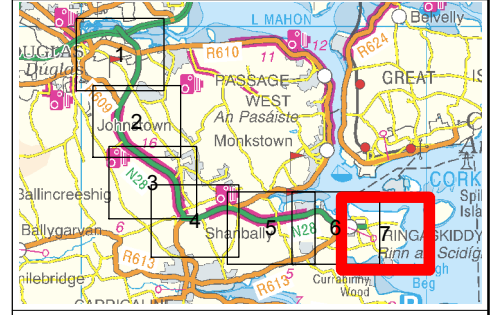
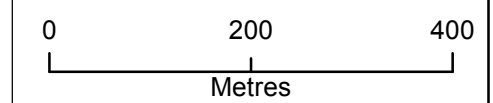
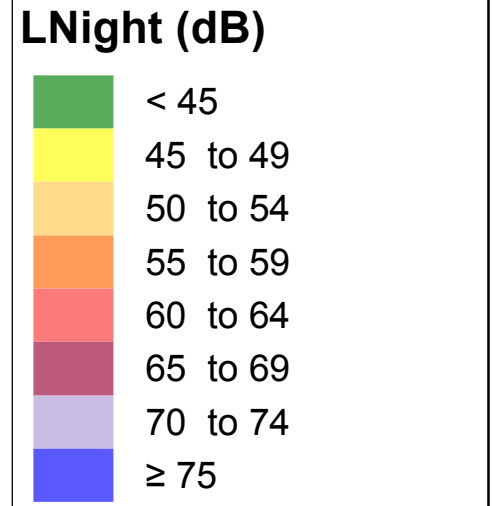
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### Legend

-  Proposed M28
-  Noise Model Buildings



**Client**




**Project**  
M28 CORK TO RINGASKIDDY PROJECT

**Title**  
Do-Minimum  
L<sub>night</sub> Noise Contour Map  
Figure: 14.8 (Page 7 of 7)

**Innishmore, Ballincollig, Co Cork, Ireland.**



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Scale: NTS	Drawing No.	Rev:
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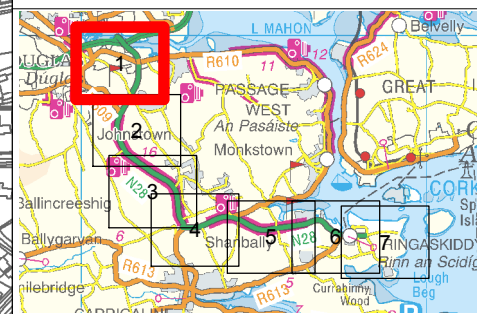
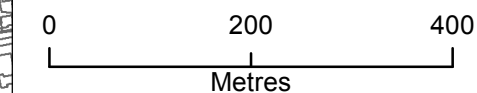


**Legend**

-  Proposed M28
-  Noise Model Buildings

**LNight (dB)**

-  < 45
-  45 to 49
-  50 to 54
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LNight Noise Contour Map**  
Figure: 14.8 (Page 1 of 7)

Innishmore, Ballincollig, Co Cork, Ireland.



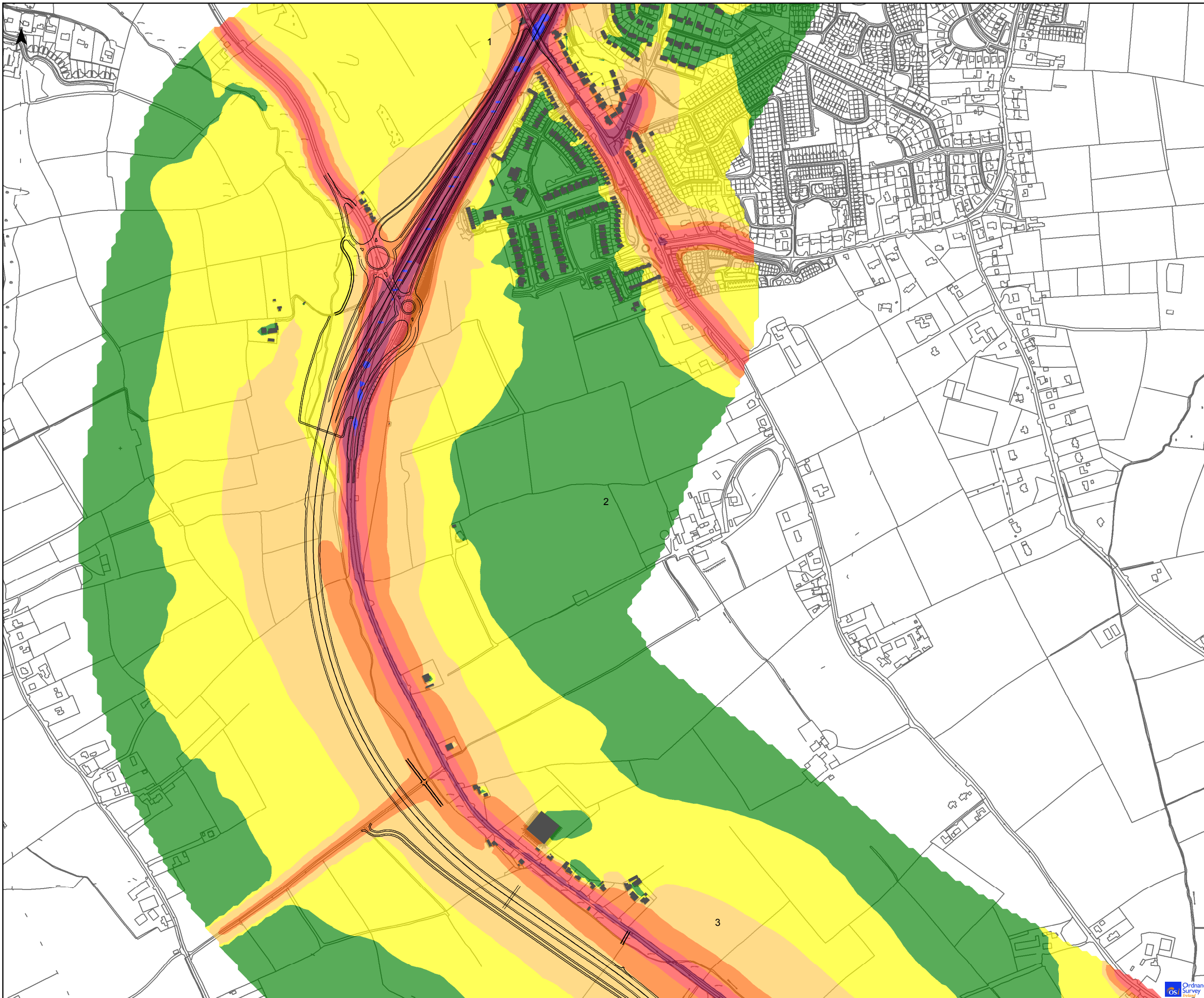
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Drawn By: JPM	Project No. MCT0597	
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Approved By: LB	Drawing No. MCT0597Arc0043	Rev: F01
Scale: NTS		
Date: 20/04/2017		



**NOTE:**









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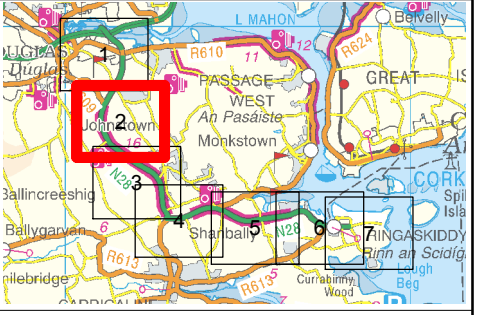
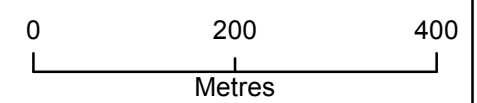




**Legend**

-  Proposed M28
-  Noise Model Buildings

- LNight (dB)**
-  < 45
  -  45 to 49
  -  50 to 54
  -  55 to 59
  -  60 to 64
  -  65 to 69
  -  70 to 74
  -  ≥ 75



**Client**




**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Do-Minimum**  
**LNight Noise Contour Map**  
 Figure: 14.8 (Page 2 of 7)

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**Issue Details**

Drawn By: JPM	Project No. MCT0597	
Checked By: EMK	File Ref:	
Approved By: LB	MCT0597Arc0043F01	
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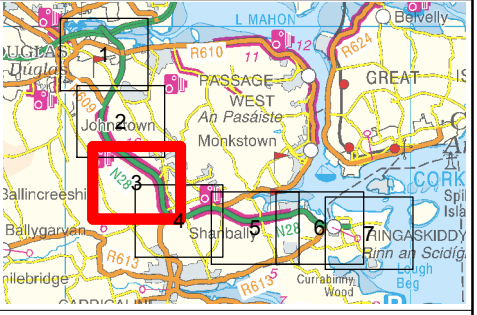
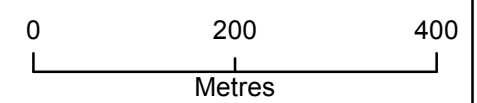
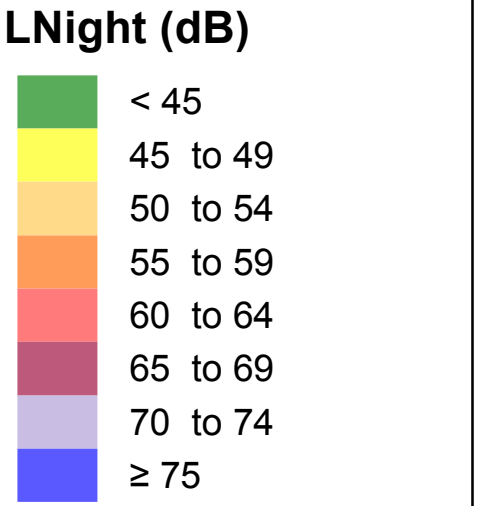






### Legend

-  Proposed M28
-  Noise Model Buildings



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
L<sub>Night</sub> Noise Contour Map**  
Figure: 14.8 (Page 3 of 7)

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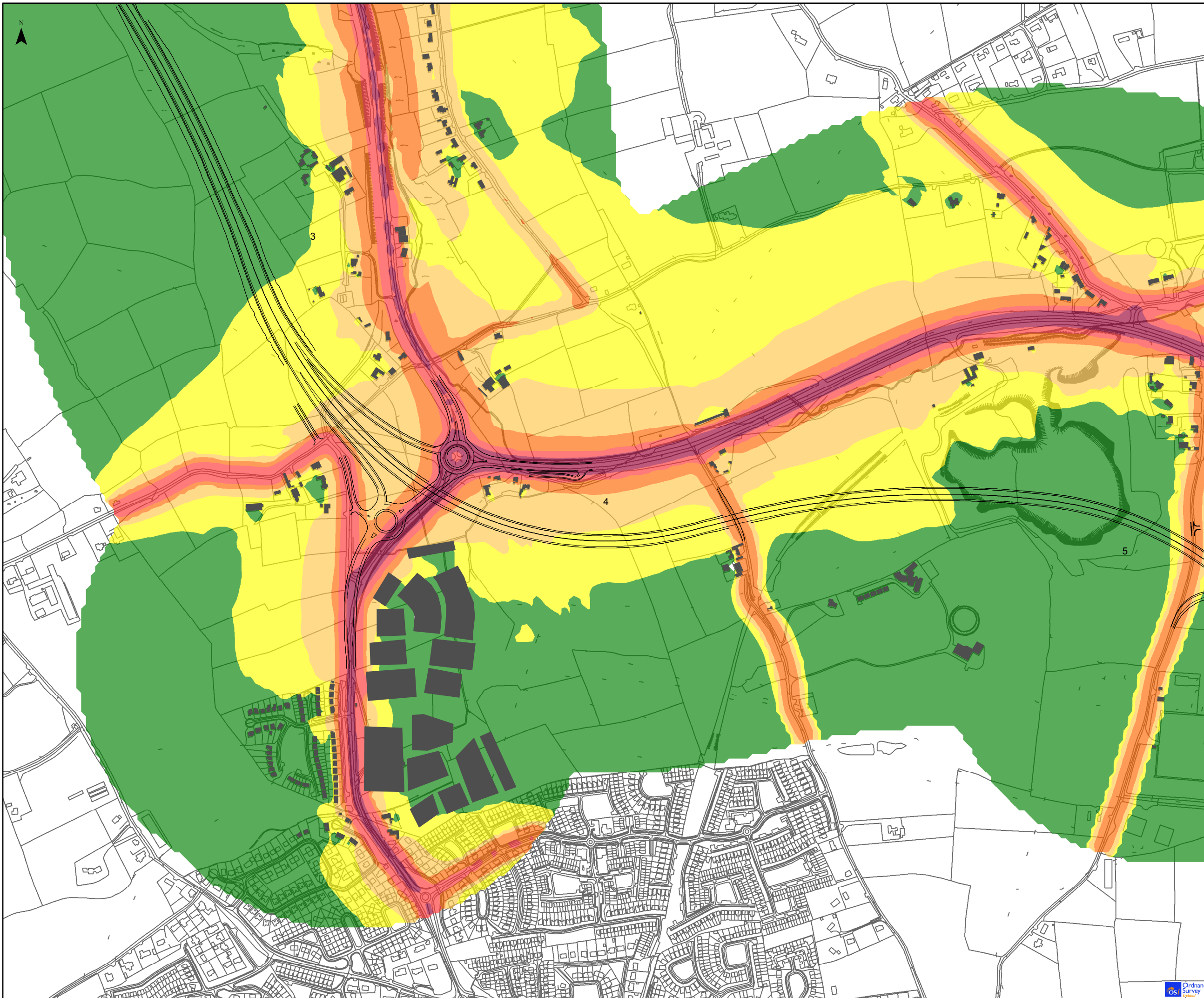
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Date: 20/04/2017	MCT0597Arc0043	F01

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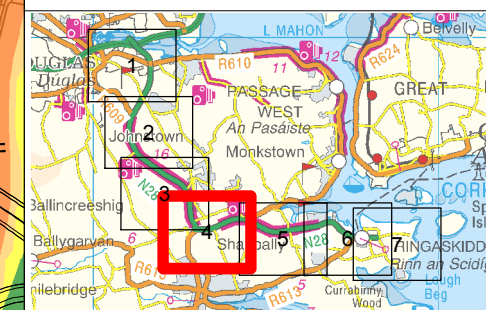
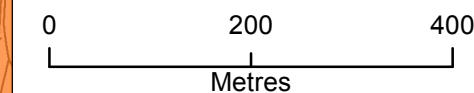
**Legend**

Proposed M28

Noise Model Buildings

**LNight (dB)**

- < 45
- 45 to 49
- 50 to 54
- 55 to 59
- 60 to 64
- 65 to 69
- 70 to 74
- ≥ 75



Client

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LNight Noise Contour Map**  
Figure: 14.8 (Page 4 of 7)

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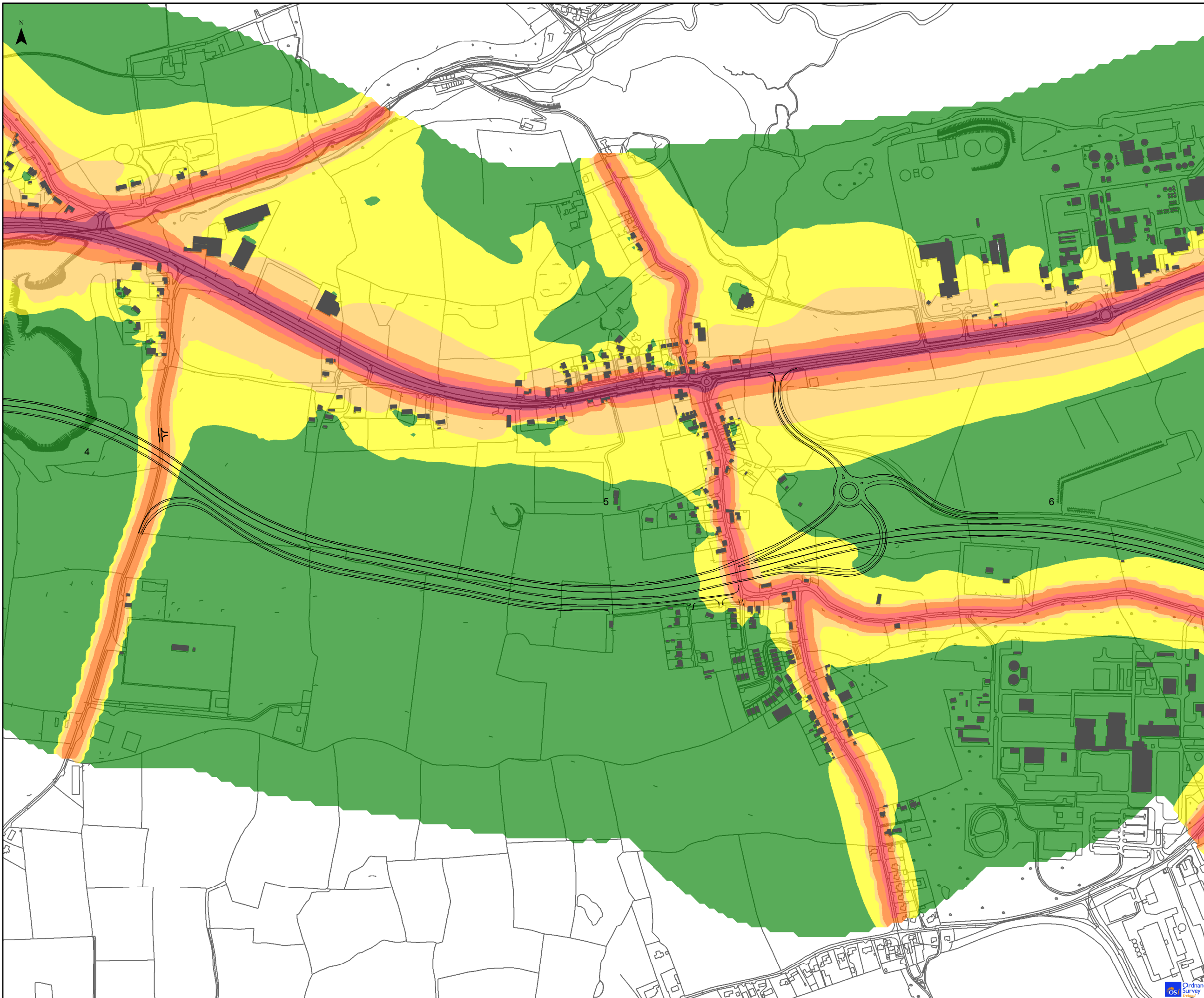
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Approved By: LB	MCT0597Arc0043F01	
Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0043	F01

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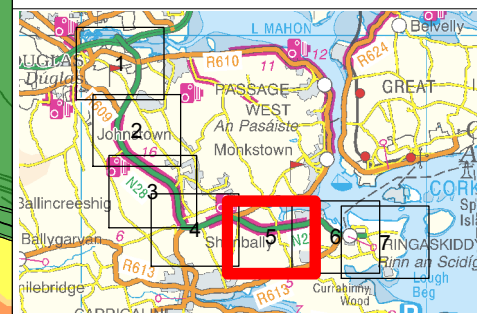
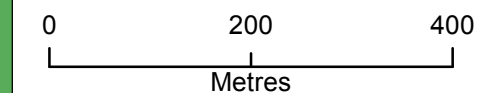


**Legend**

-  Proposed M28
-  Noise Model Buildings

**LNight (dB)**

-  < 45
-  45 to 49
-  50 to 54
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client




Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
LNight Noise Contour Map**  
Figure: 14.8 (Page 5 of 7)

Innishmore,  
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Co Cork,  
Ireland.



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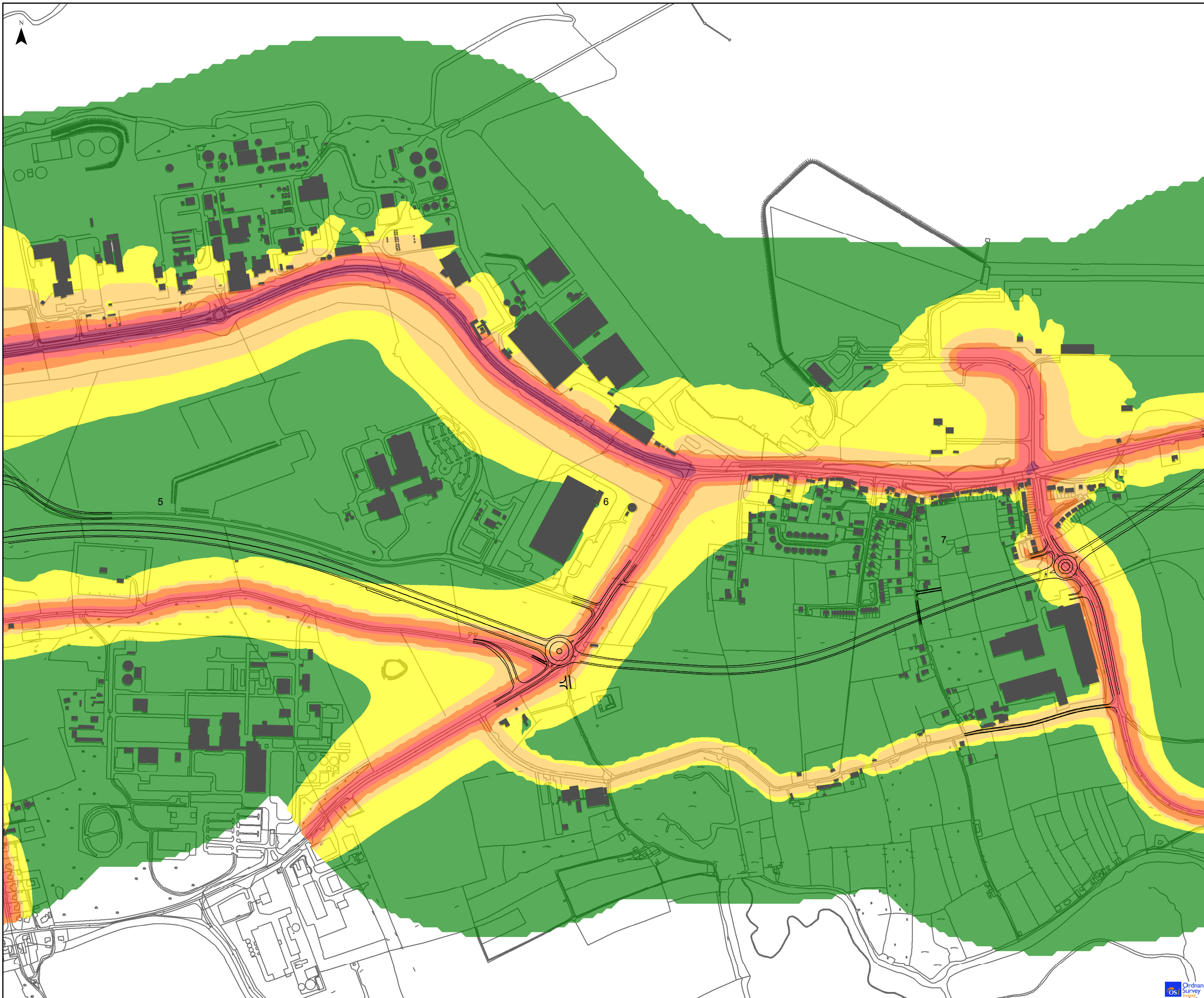
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Checked By: EMK	File Ref:	
Approved By: LB	MCT0597Arc0043F01	
Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0043	F01

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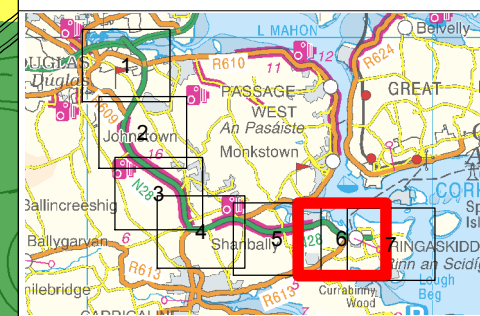
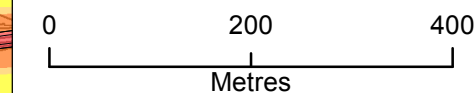


### Legend

-  Proposed M28
-  Noise Model Buildings

### L<sub>Night</sub> (dB)

-  <math>< 45</math>
-  45 to 49
-  50 to 54
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  <math>\ge 75</math>



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Minimum  
L<sub>Night</sub> Noise Contour Map**  
Figure: 14.8 (Page 6 of 7)



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Co Cork,  
Ireland.

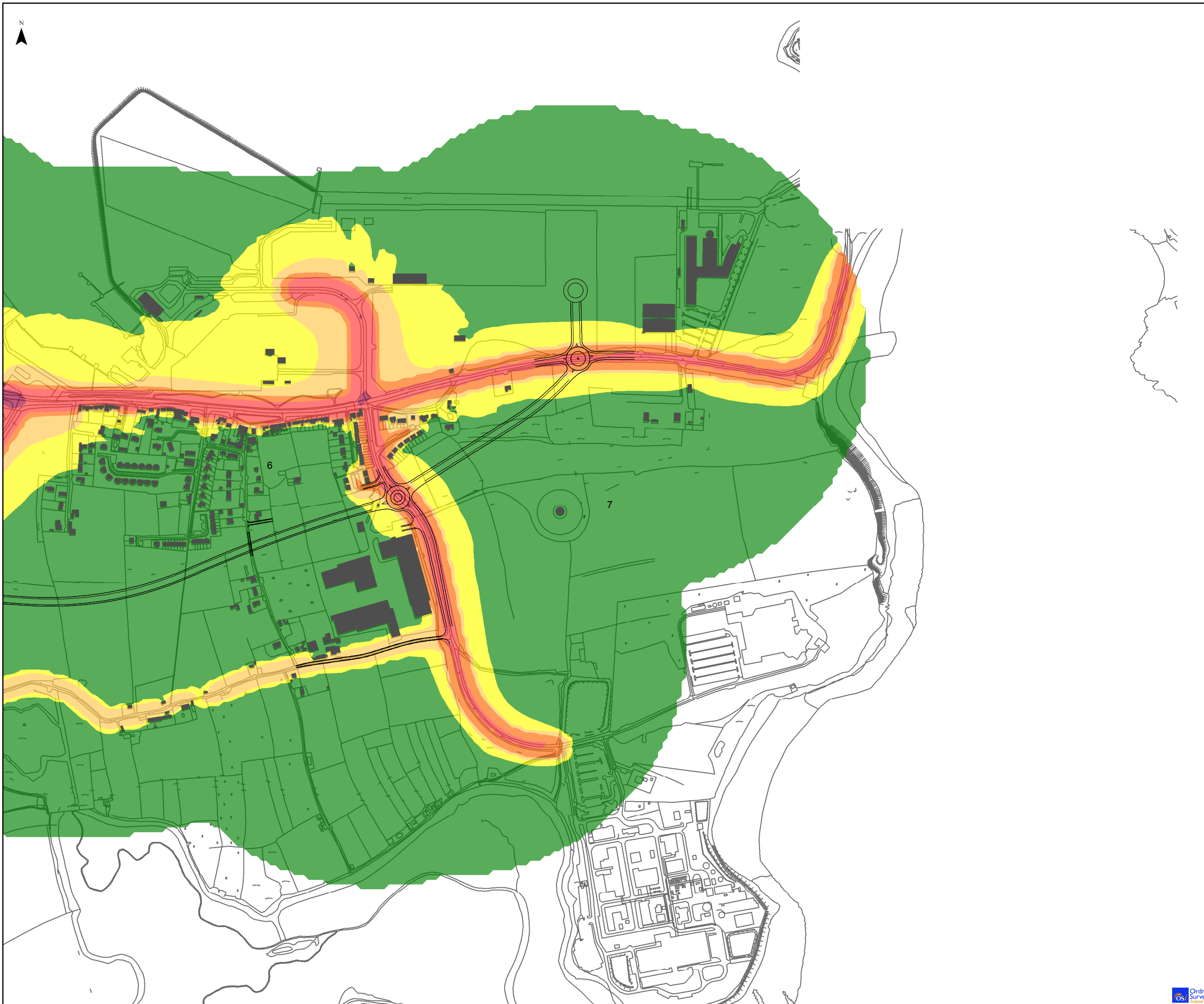
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Issue Details		
Drawn By: JPM	Project No. MCT0597	
Checked By: EMK	File Ref:	
Approved By: LB	MCT0597Arc0043F01	
Scale: NTS	Drawing No.	Rev:
Date: 20/04/2017	MCT0597Arc0043	F01



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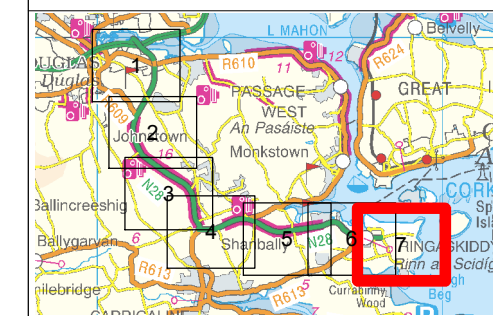
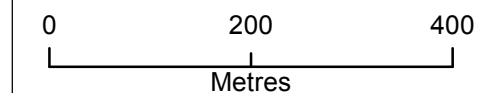


**Legend**

-  Proposed M28
-  Noise Model Buildings

**L<sub>Night</sub> (dB)**

-  < 45
-  45 to 49
-  50 to 54
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



**Client**




Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Do-Minimum**  
**L<sub>Night</sub> Noise Contour Map**  
Figure: 14.8 (Page 7 of 7)

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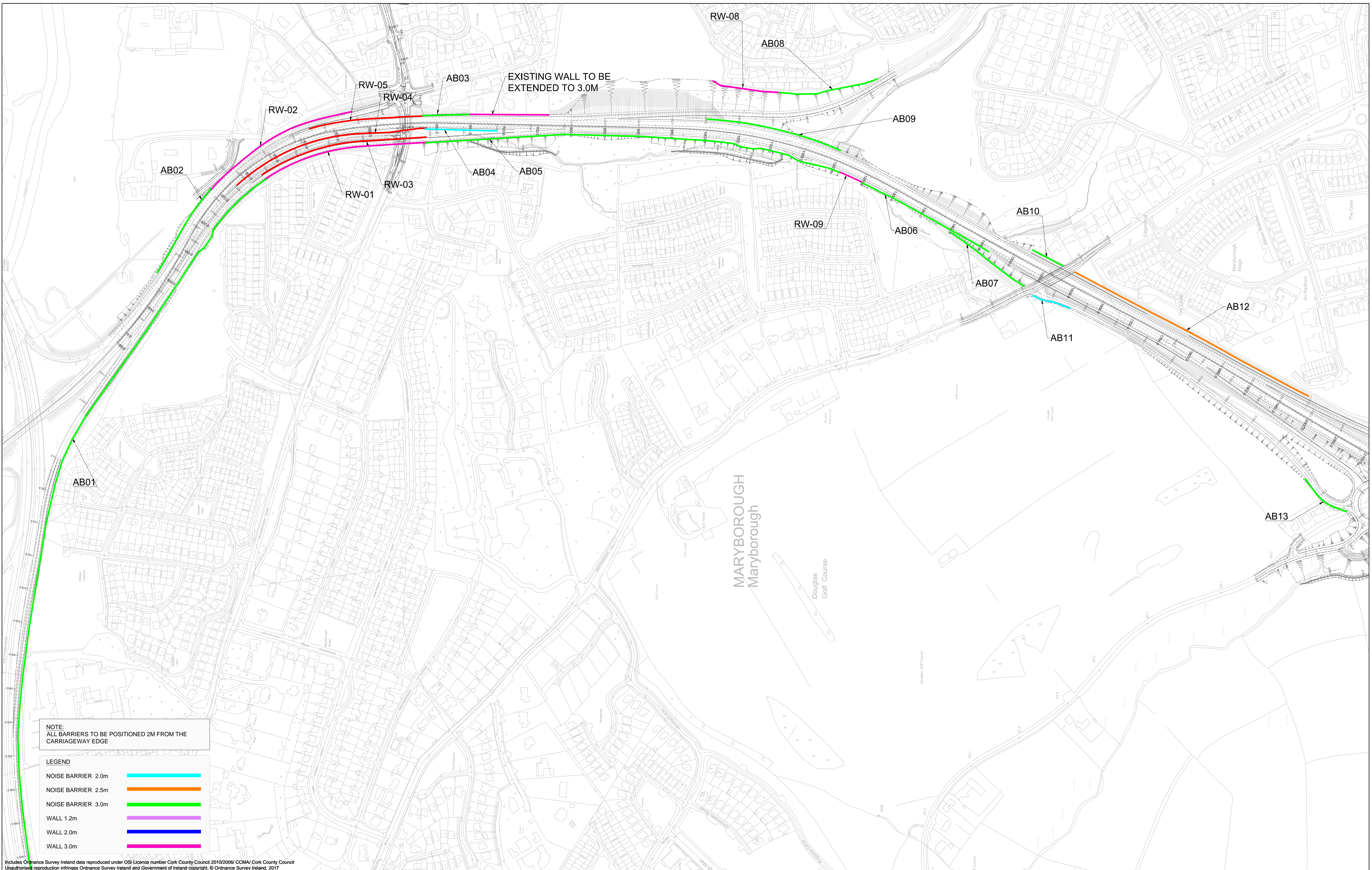
**Issue Details**

<b>Drawn By:</b> JPM	<b>Project No.:</b> MCT0597
<b>Checked By:</b> EMK	<b>File Ref:</b>
<b>Approved By:</b> LB	MCT0597Arc0043F01
<b>Scale:</b> NTS	<b>Drawing No.:</b>
<b>Date:</b> 20/04/2017	MCT0597Arc0043
	<b>Rev:</b>
	F01

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NOTE:  
ALL BARRIERS TO BE POSITIONED 2M FROM THE  
CARRIAGEWAY EDGE

LEGEND	
NOISE BARRIER 2.0m	
NOISE BARRIER 2.5m	
NOISE BARRIER 3.0m	
WALL 1.2m	
WALL 2.0m	
WALL 3.0m	

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F01	MAY-17	KT	FINAL ISSUE	



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Drawn	KT	Project	<b>M28 CORK TO RINGASKIDDY PROJECT</b>		
Checked	AF	Title	NOISE BARRIERS		
Approved	LB	Scale	1:5000 @ A3		
Date	Aug. 2016	Scale	1:2500 @ A1		
Job No.	MCT0597	File Ref.	MCT0597NB0001-07.dwg	Drg. No.	NB0001
		Rev.			F01





NOTE:  
ALL BARRIERS TO BE POSITIONED 2M FROM THE CARRIAGEWAY EDGE

**LEGEND**


NOISE BARRIER 2.0m	
NOISE BARRIER 2.5m	
NOISE BARRIER 3.0m	
WALL 1.2m	
WALL 2.0m	
WALL 3.0m	

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F01	MAY-17	KF	FINAL ISSUE	



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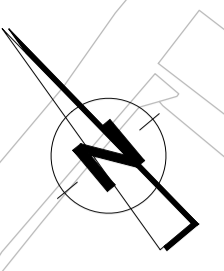
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Drawn	KT	Project	<b>M28 CORK TO RINGASKIDDY PROJECT</b>		
Checked	AF	Title	<b>NOISE BARRIERS</b>		
Approved	LB		Fig 14.9 - Sheet 2 of 7		
Date	Aug. 2016	File Ref.	MCT0597NB0001-07.dwg	Drg. No.	NB0002
Scale	1:5000 @ A3 1:2500 @ A1	Rev.	F01		
Job No.	MCT0597				



MONEYGURNEY  
Muine Guairme



AB14

BALLINREA  
Baile an Réithigh

**NOTE:**  
ALL BARRIERS TO BE POSITIONED 2M FROM THE CARRIAGEWAY EDGE

**LEGEND**


NOISE BARRIER 2.0m	
NOISE BARRIER 2.5m	
NOISE BARRIER 3.0m	
WALL 1.2m	
WALL 2.0m	
WALL 3.0m	

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F01	MAY-17	KT	FINAL ISSUE	

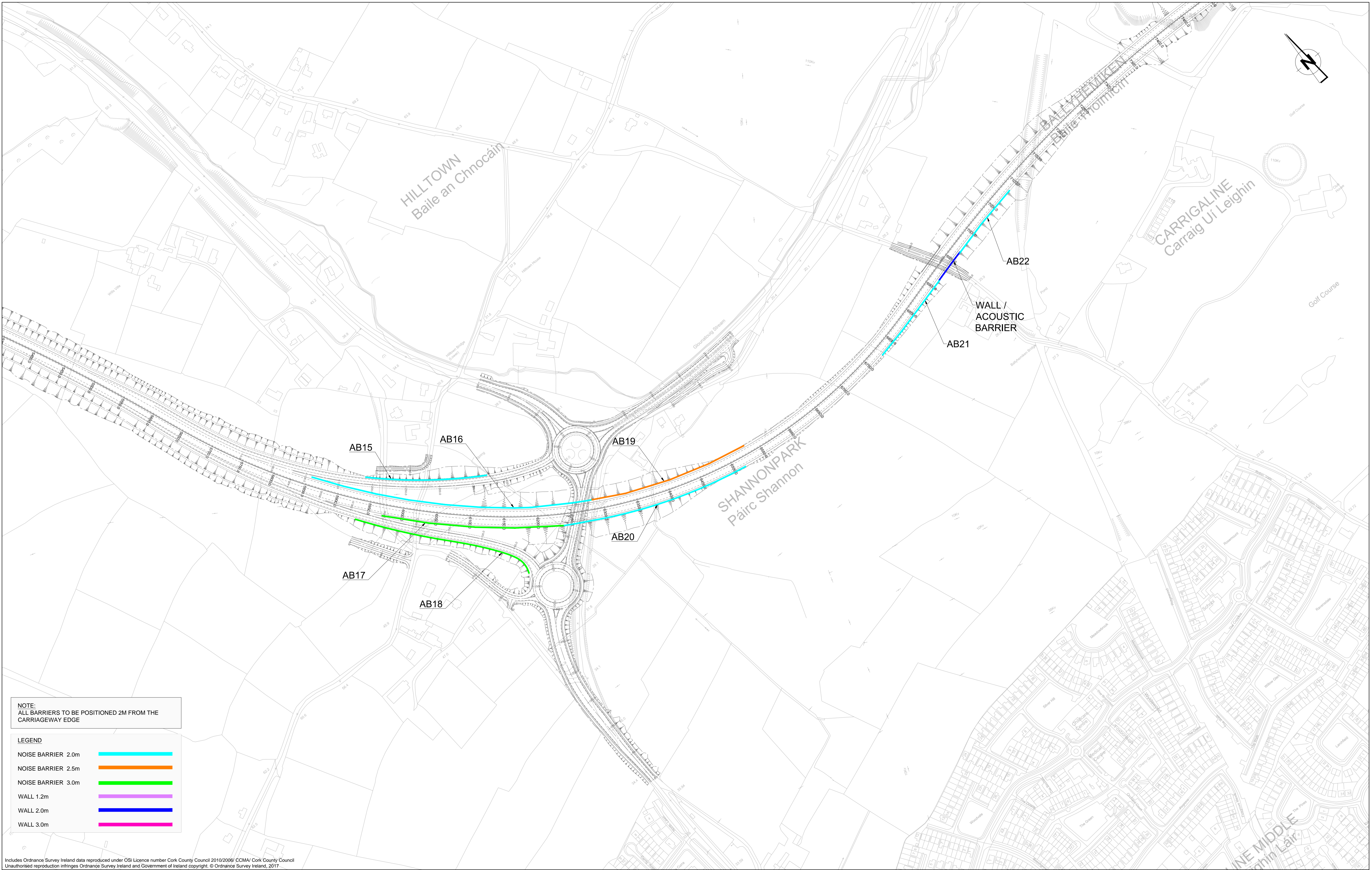


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Drawn	KT	Project	<b>M28 CORK TO RINGASKIDDY PROJECT</b>		
Checked	AF				
Approved	LB				
Date	Aug. 2016	Title	<b>NOISE BARRIERS</b>		
Scale	1:5000 @ A3		Fig 14.9 - Sheet 3 of 7		
	1:2500 @ A1				
Job No.	MCT0597	File Ref.	MCT0597NB0001-07.dwg	Drg. No.	NB0003
				Rev.	F01






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Drawn	KT	Project	<b>M28 CORK TO RINGASKIDDY PROJECT</b>	
Checked	AF	Title	<b>NOISE BARRIERS</b>	
Approved	LB	Fig 14.9 - Sheet 4 of 7		
Date	Aug. 2016	Scale	1:5000 @ A3	
			1:2500 @ A1	
Job No.	MCT0597	File Ref.	MCT0597NB0001-07.dwg	Dr. No. NB0004
				Rev. F01





**NOTE:**  
ALL BARRIERS TO BE POSITIONED 2M FROM THE CARRIAGEWAY EDGE

**LEGEND**


NOISE BARRIER 2.0m	
NOISE BARRIER 2.5m	
NOISE BARRIER 3.0m	
WALL 1.2m	
WALL 2.0m	
WALL 3.0m	

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F01	MAY-17	KT	FINAL ISSUE	
No.	Date	Dr/Chk	Amendment / Issue	App

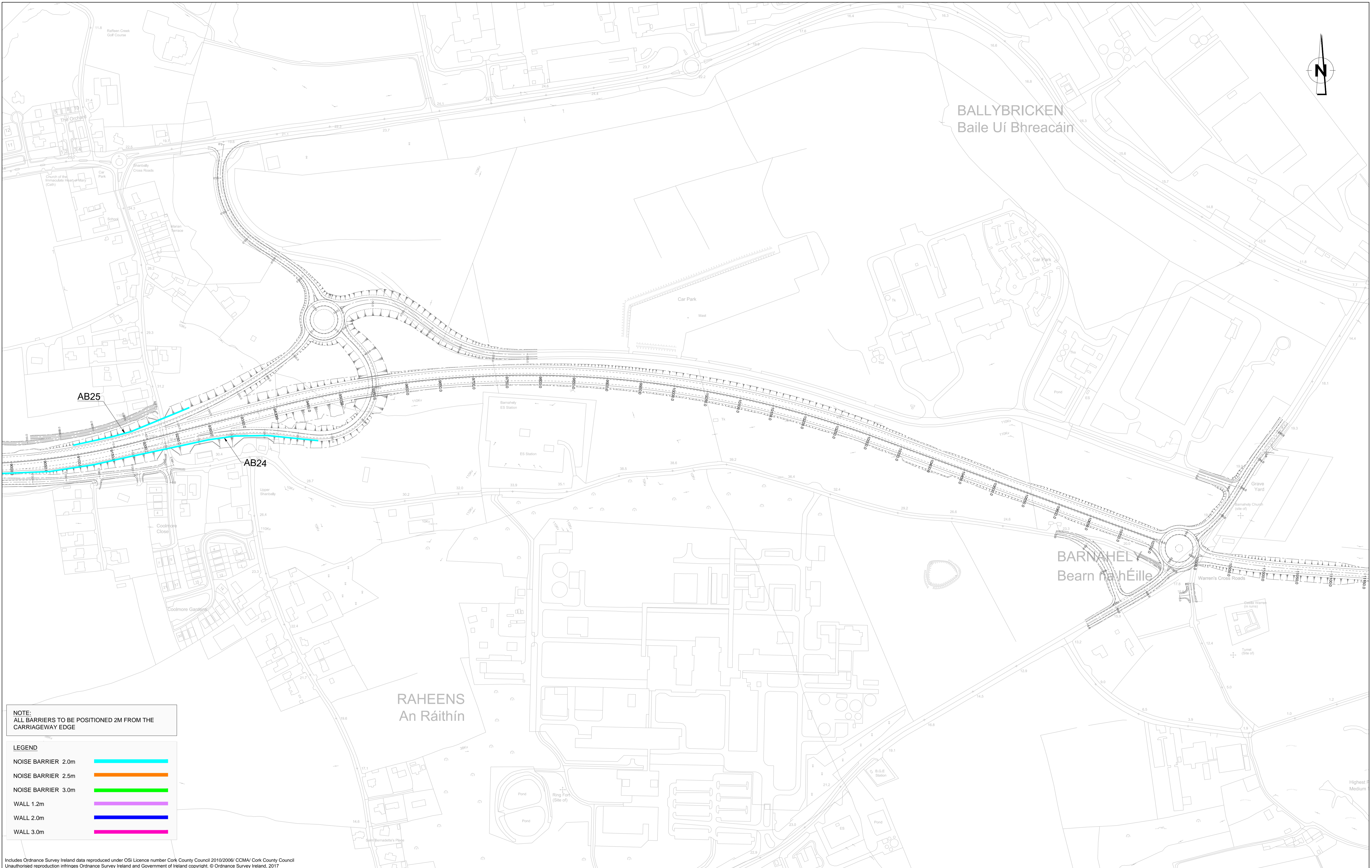


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Drawn	KT	Project	<b>M28 CORK TO RINGASKIDDY PROJECT</b>		
Checked	AF				
Approved	LB				
Date	Aug. 2016	Title	<b>NOISE BARRIERS</b>		
Scale	1:5000 @ A3		Fig 14.9 - Sheet 5 of 7		
	1:2500 @ A1				
Job No.	MCT0597	File Ref.	MCT0597NB0001-07.dwg	Drg. No.	NB0005
				Rev.	F01





**NOTE:**  
ALL BARRIERS TO BE POSITIONED 2M FROM THE CARRIAGEWAY EDGE


LEGEND	
NOISE BARRIER 2.0m	
NOISE BARRIER 2.5m	
NOISE BARRIER 3.0m	
WALL 1.2m	
WALL 2.0m	
WALL 3.0m	

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No.	Date	Dr. / Iss.	Amendment / Issue	App
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Drawn	KT	Project	<b>M28 CORK TO RINGASKIDDY PROJECT</b>		
Checked	AF	Title	<b>NOISE BARRIERS</b>		
Approved	LB		<b>Fig 14.9 - Sheet 6 of 7</b>		
Date	Aug. 2016	Scale	1:5000 @ A3		
			1:2500 @ A1		
Job No.	MCT0597	File Ref.	MCT0597NB0001-07.dwg	Drg. No.	NB0006
				Rev.	F01





**NOTE:**  
ALL BARRIERS TO BE POSITIONED 2M FROM THE CARRIAGEWAY EDGE


LEGEND	
NOISE BARRIER 2.0m	
NOISE BARRIER 2.5m	
NOISE BARRIER 3.0m	
WALL 1.2m	
WALL 2.0m	
WALL 3.0m	

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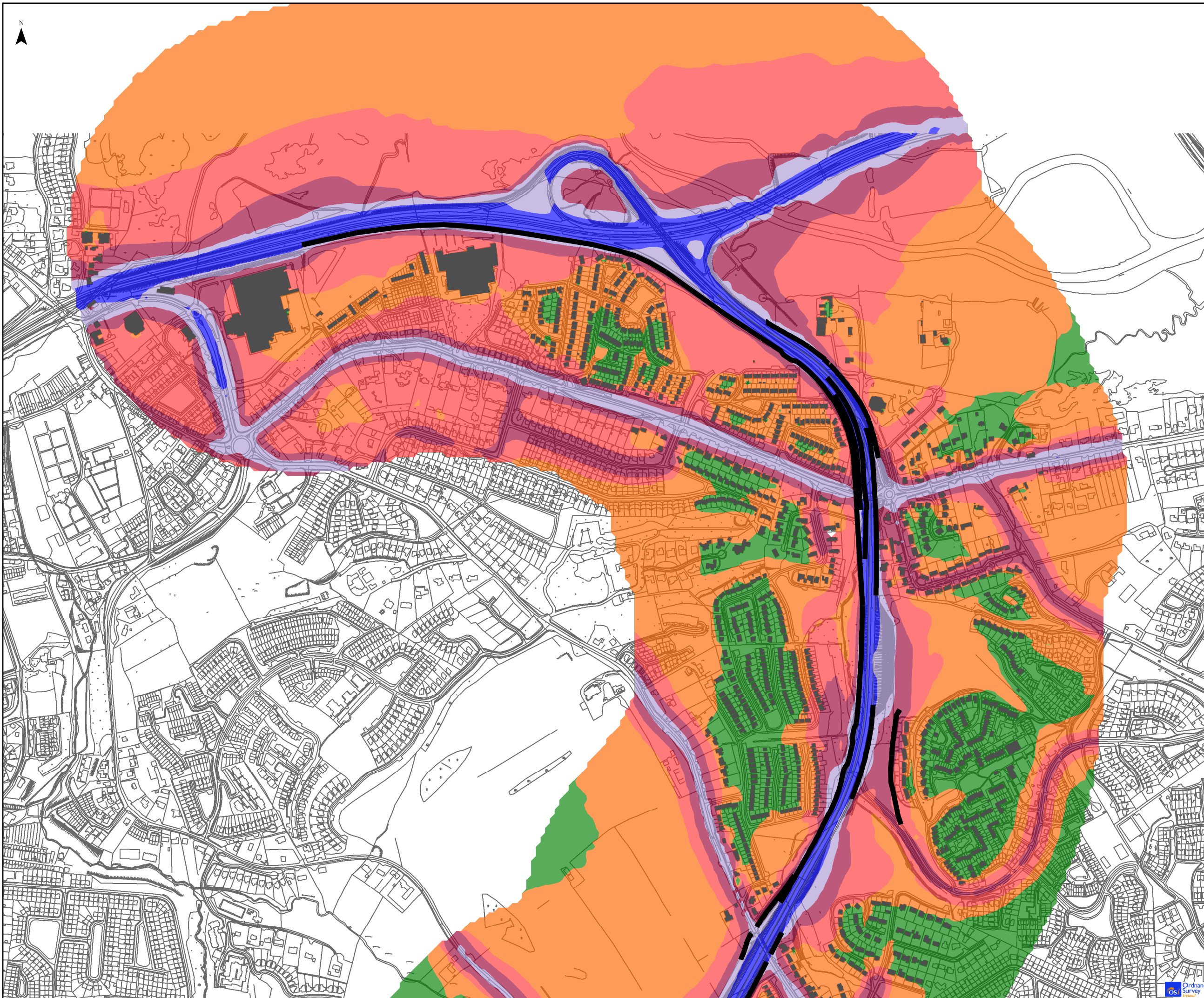
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F01	MAY-17	KT/AF	FINAL ISSUE	






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Project		Title	
Drawn	KT	NOISE BARRIERS	
Checked	AF	Fig 14.9 - Sheet 7 of 7	
Approved	LB		
Date	Aug. 2016	File Ref.	MCT0597NB0001-07.dwg
Scale	1:5000 @ A3	Drg. No.	NB0007
	1:2500 @ A1	Rev.	F01
Job No.	MCT0597		



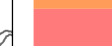





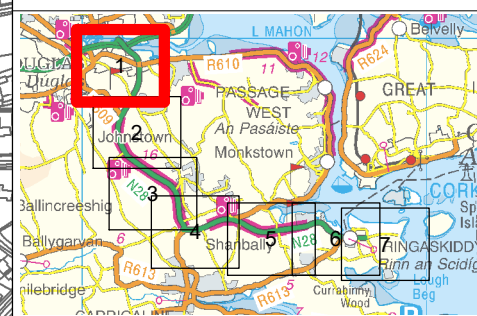
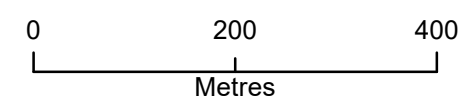


### Legend

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

### Lden (dB)


-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



Client  

Project **M28 CORK TO RINGASKIDDY PROJECT**

Title **Do-Something with Mitigation  
Lden Noise Contour Map**  
Figure: 14.10 ( Page 1 of 7 )

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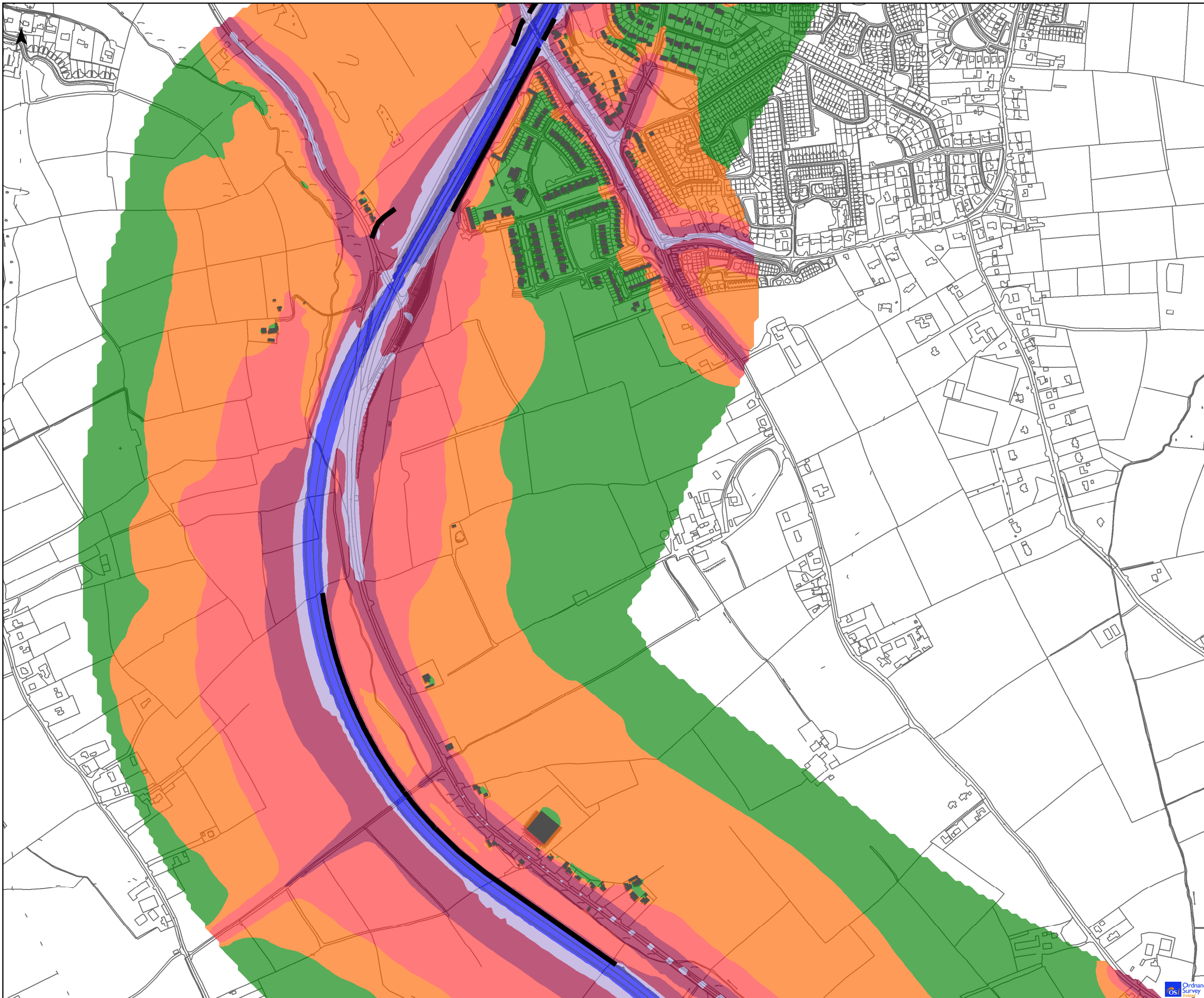
Issue Details		
Drawn By: JPM	Project No. MCT0597	
Checked By: EMK	File Ref: MCT0597Arc0040F01	
Approved By: LB	Drawing No. MCT0597Arc0040	Rev: F01
Scale: NTS	Date: 09/05/2017	

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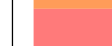





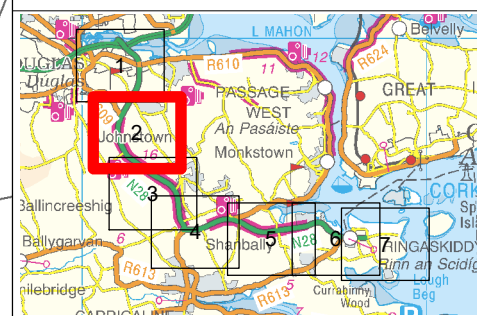
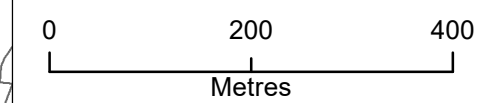


**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

**Lden (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75




Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Something with Mitigation  
Lden Noise Contour Map**  
Figure: 14.10 ( Page 2 of 7 )



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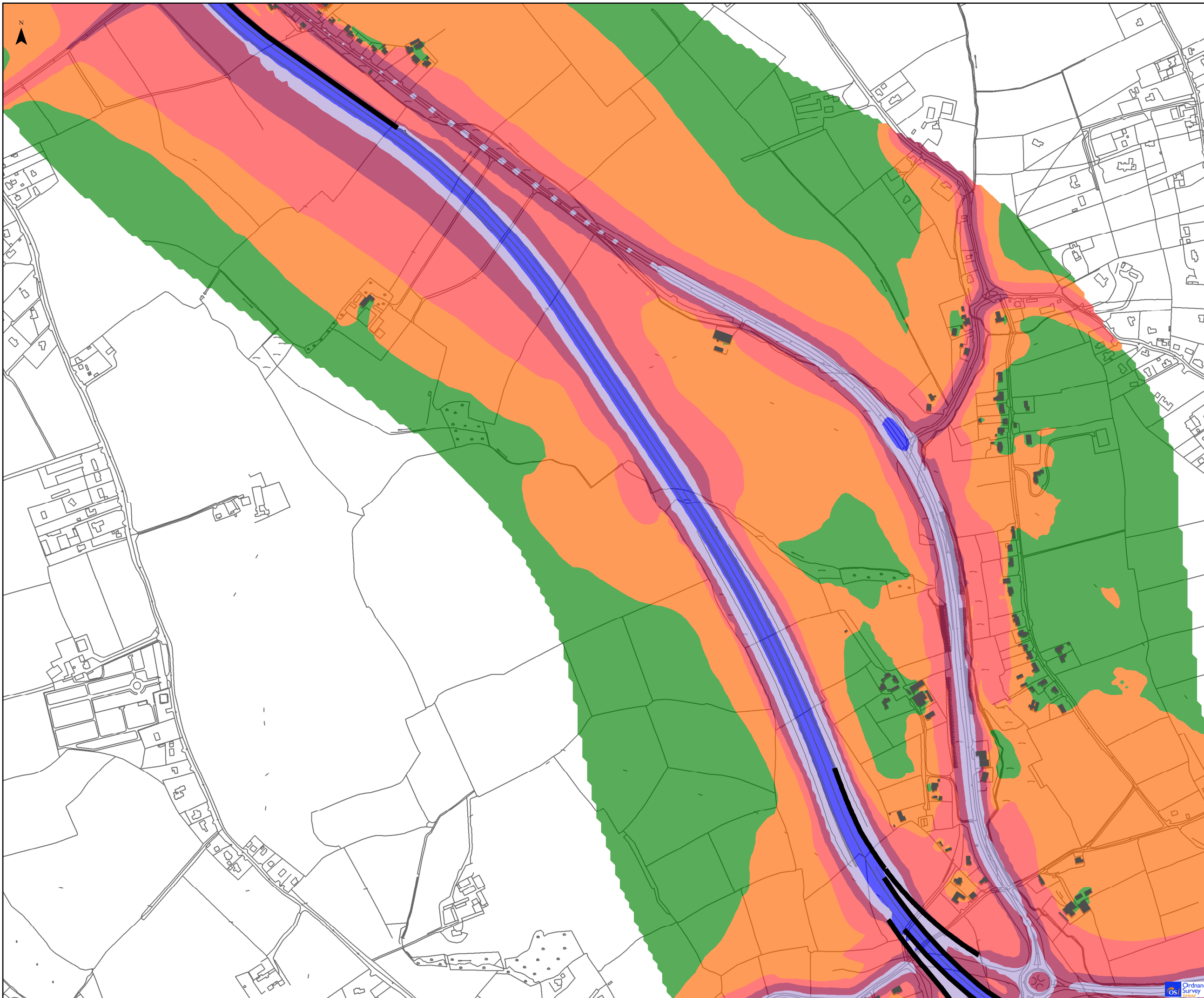
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Scale: NTS	Drawing No.	Rev:
Date: 09/05/2017	MCT0597Arc0040	F01




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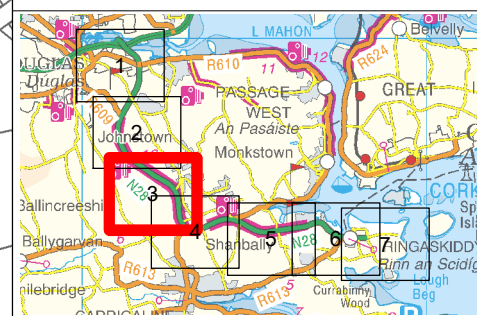
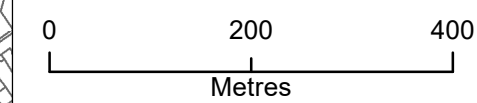


**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

**Lden (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  ≥ 75




**Client**




**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Do-Something with Mitigation**  
**Lden Noise Contour Map**  
 Figure: 14.10 ( Page 3 of 7 )



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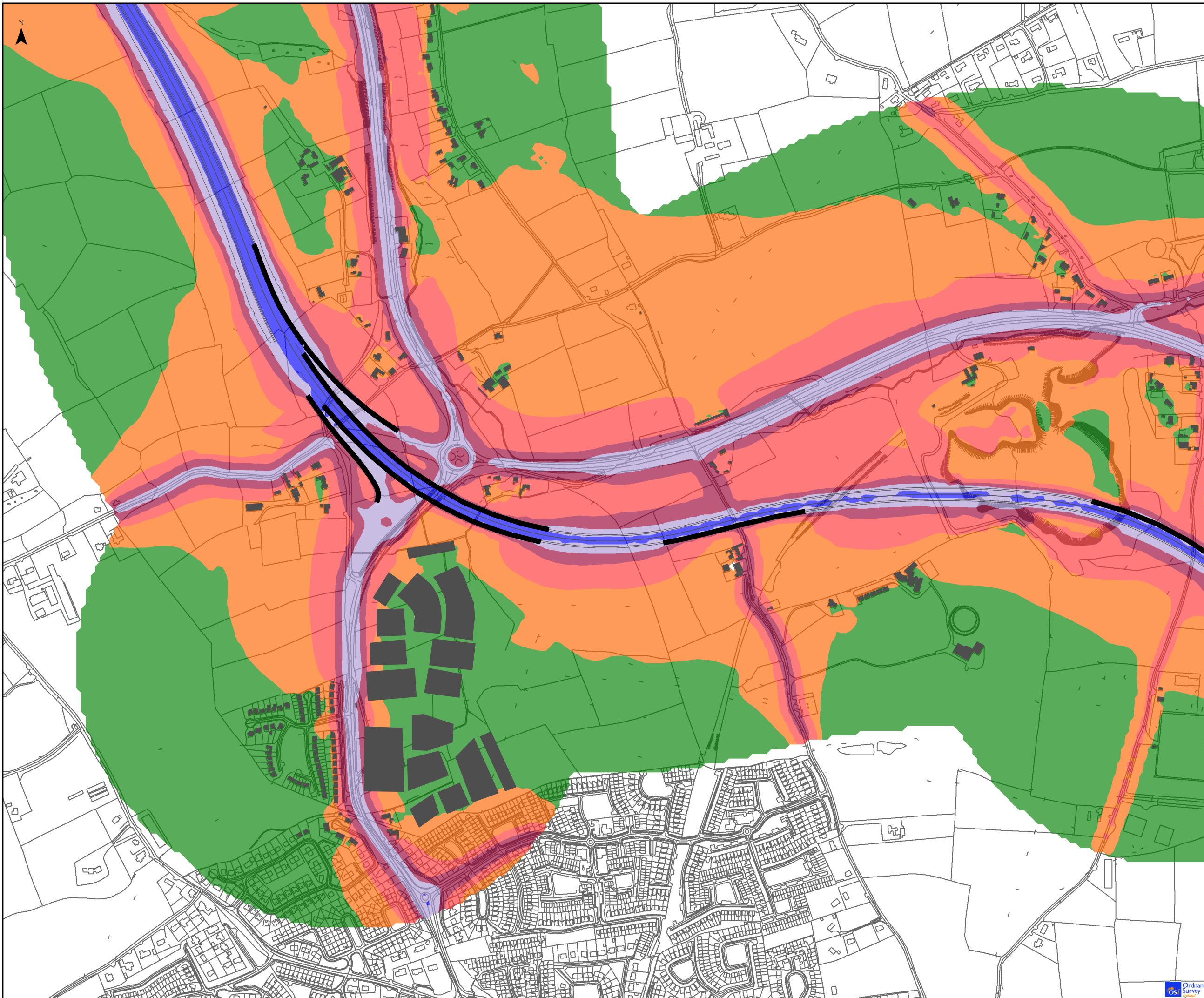
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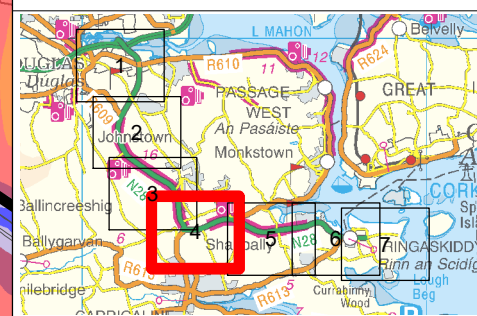
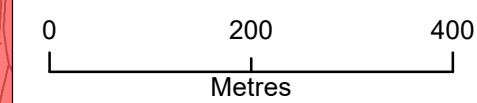


**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

**Lden (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75




Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Something with Mitigation  
Lden Noise Contour Map**  
Figure: 14.10 ( Page 4 of 7 )



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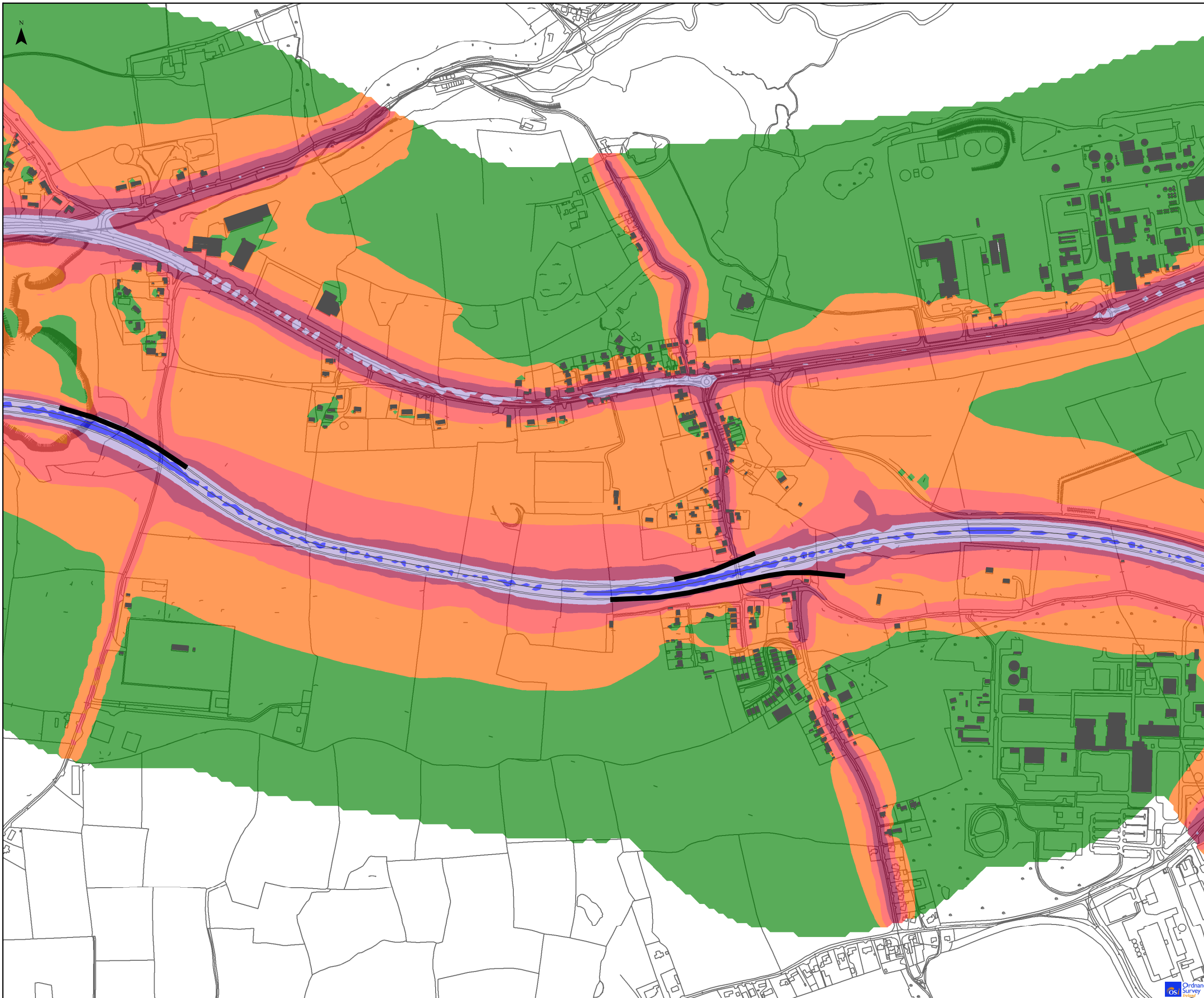
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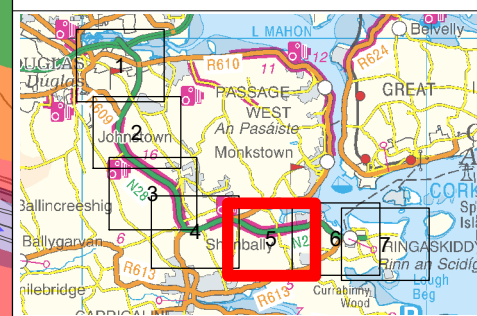
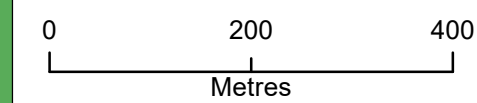


**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

**Lden (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75




Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Something with Mitigation  
Lden Noise Contour Map**  
Figure: 14.10 ( Page 5 of 7 )

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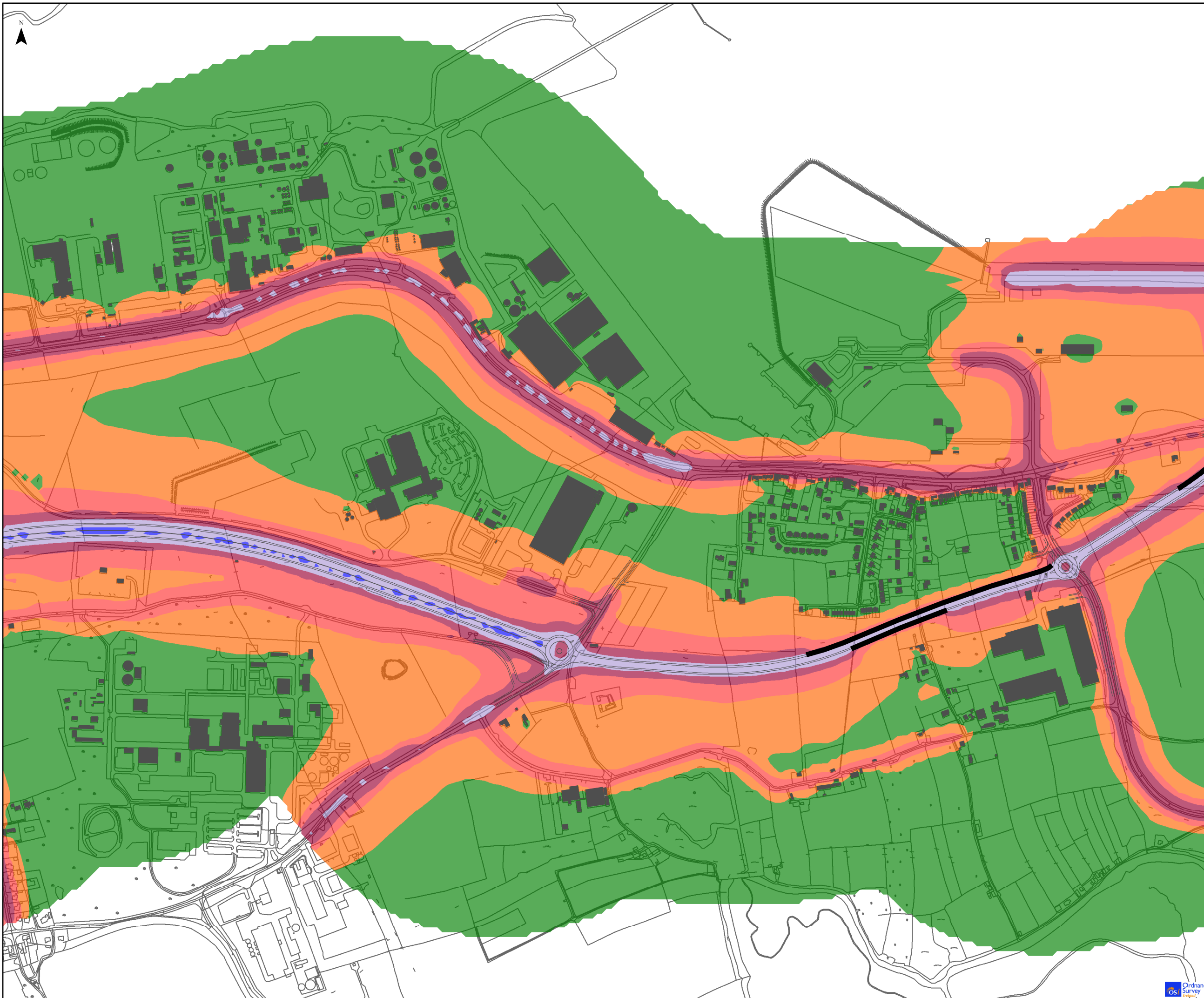
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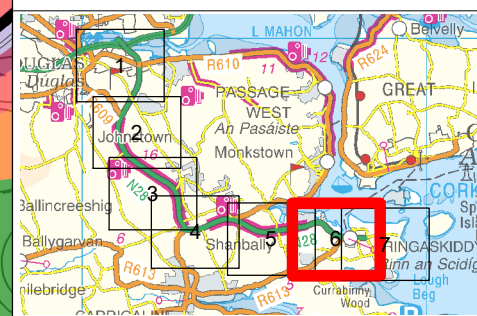
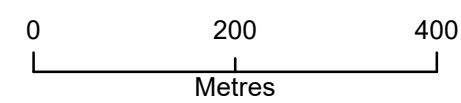


### Legend

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

### Lden (dB)

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  ≥ 75



Client




Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Something with Mitigation  
Lden Noise Contour Map**  
Figure: 14.10 ( Page 6 of 7 )



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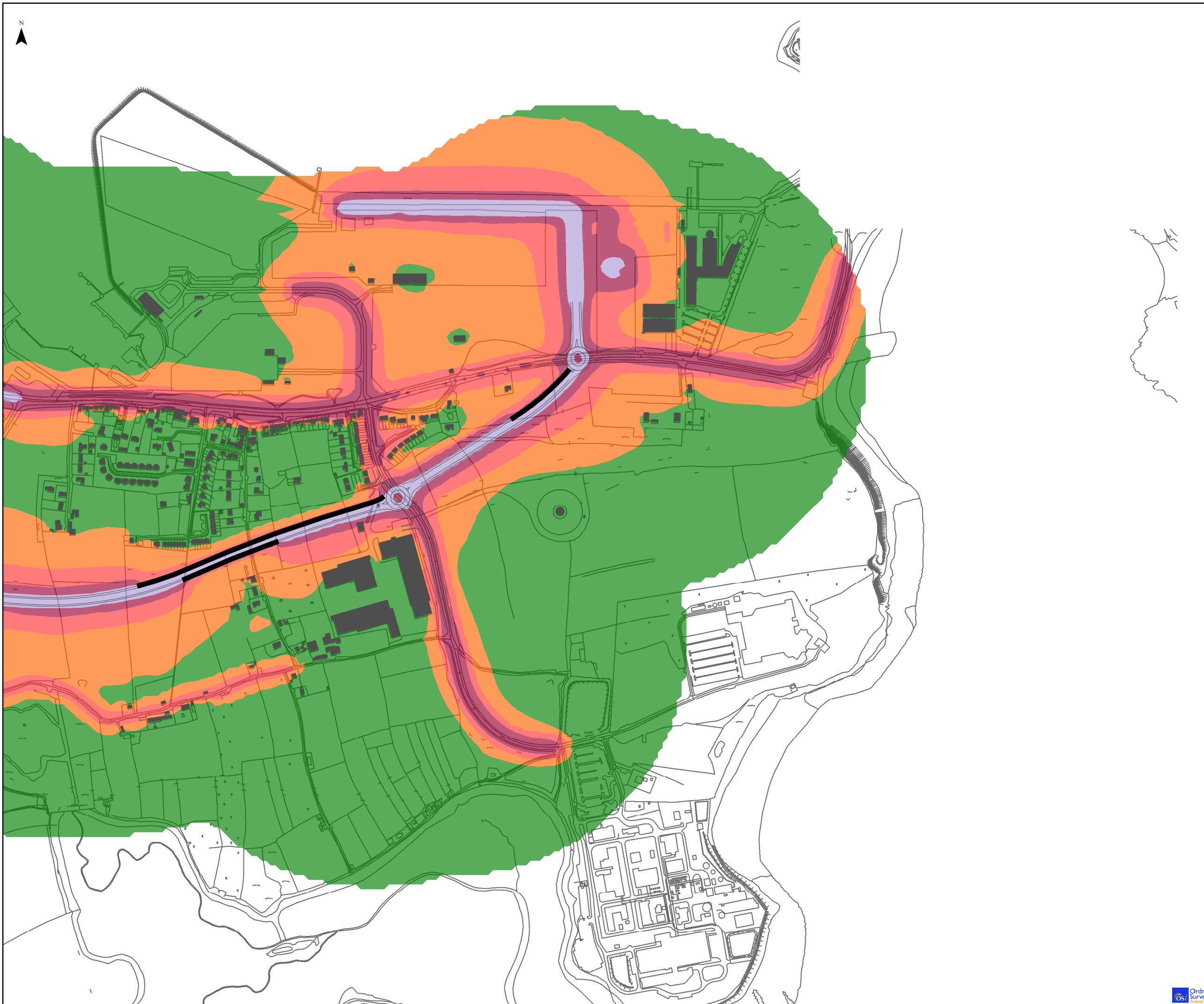
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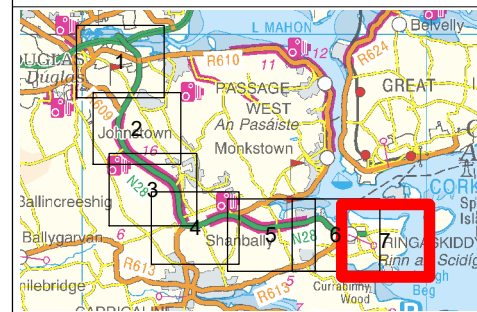
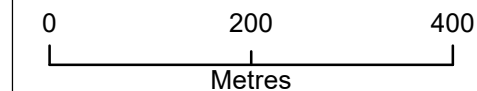


**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

**Lden (dB)**

-  < 55
-  55 to 59
-  60 to 64
-  65 to 69
-  70 to 74
-  ≥ 75



**Client**




**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Do-Something with Mitigation**  
**Lden Noise Contour Map**  
 Figure: 14.10 ( Page 7 of 7 )

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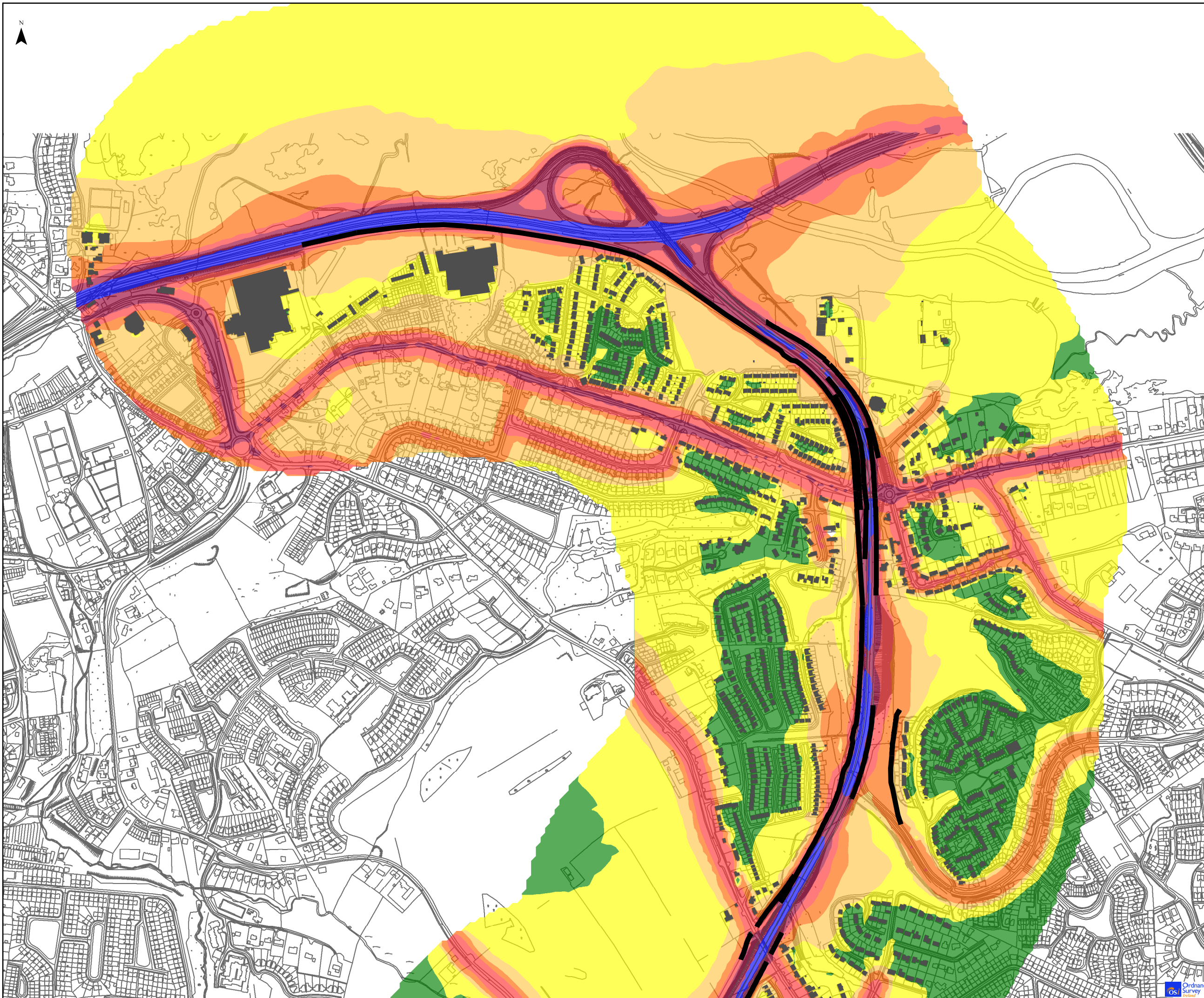
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<b>Date:</b> 09/05/2017	MCT0597Arc0040
	<b>Rev:</b> F01




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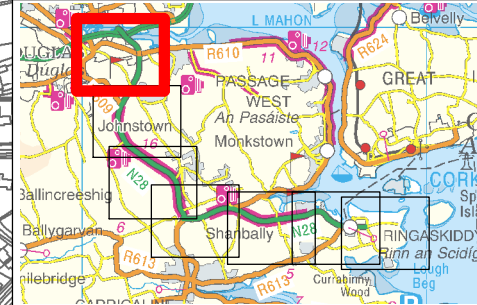
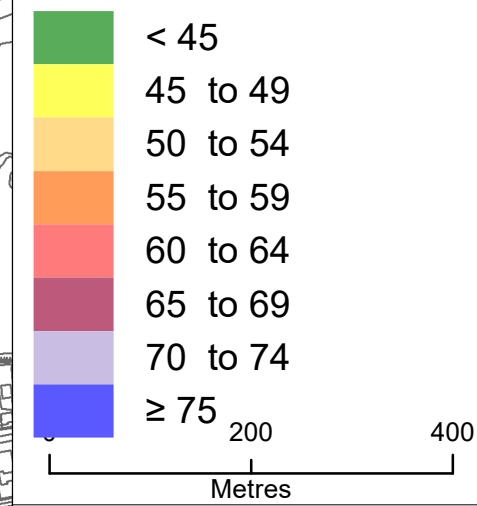




### Legend

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier


### LNight (dB)



Client  

Project **M28 CORK TO RINGASKIDDY PROJECT**

Title **Do-Something with Mitigation  
L<sub>night</sub> Noise Contour Map**  
Figure: 14.11 ( Page 1 of 7 )

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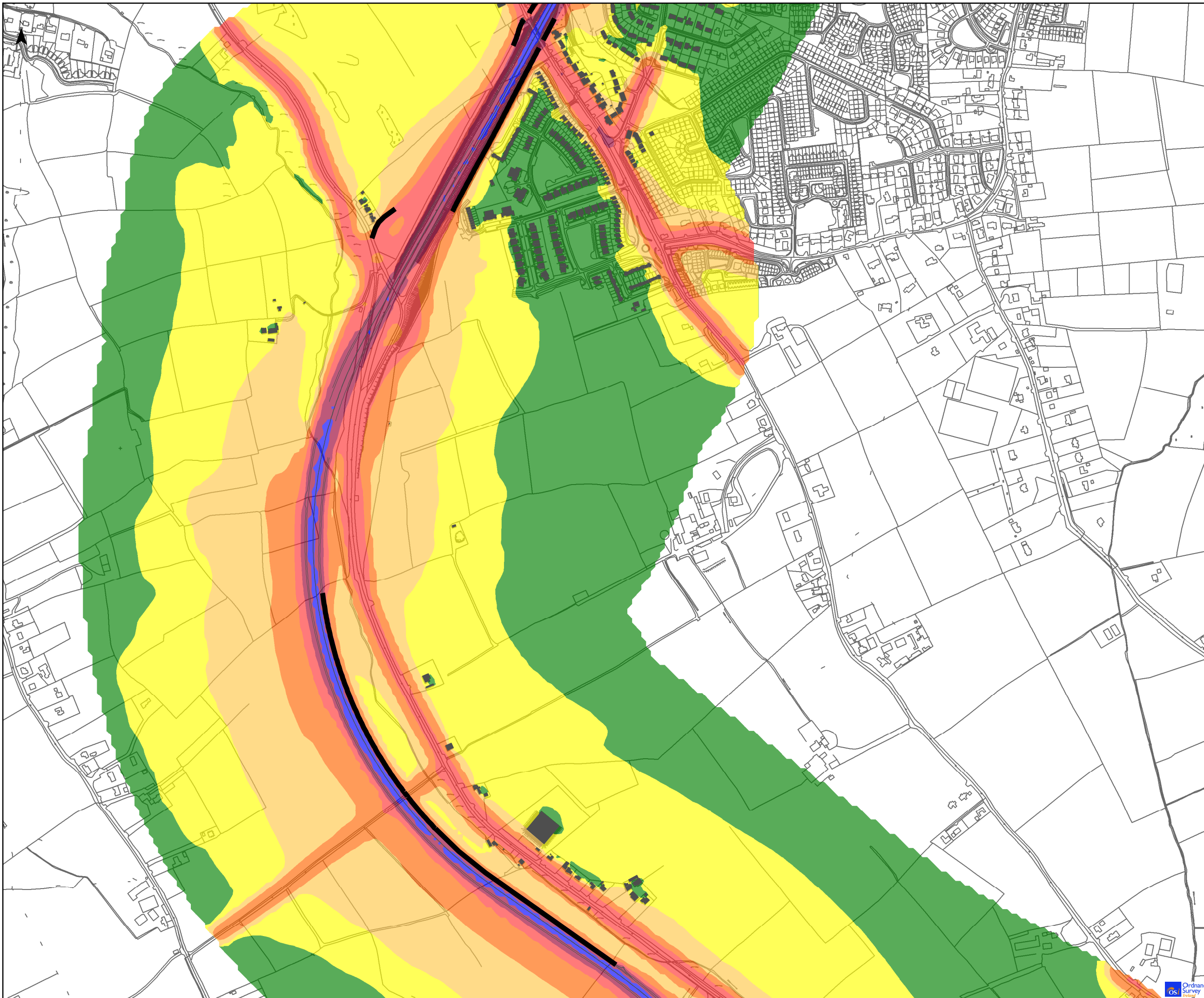
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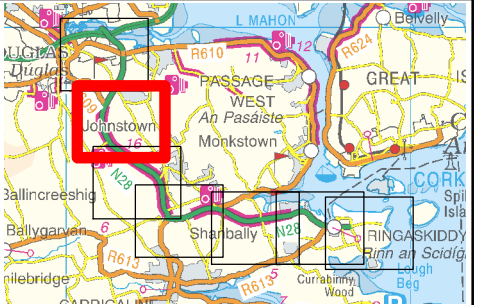
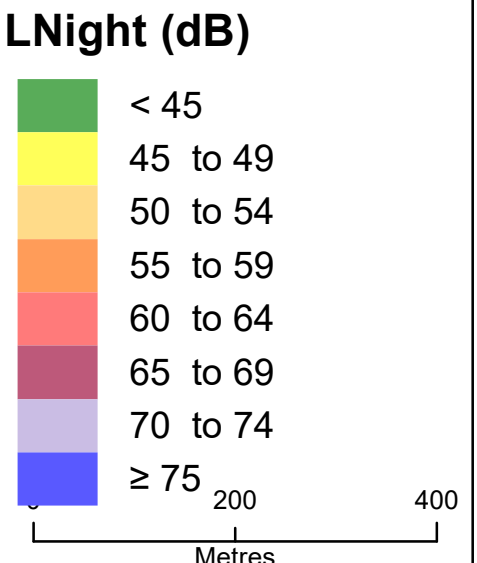






### Legend

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier



Client




Bonnagar Iompair Éireann  
Transport Infrastructure Ireland

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Something with Mitigation**  
**L<sub>Night</sub> Noise Contour Map**  
Figure: 14.11 ( Page 2 of 7 )



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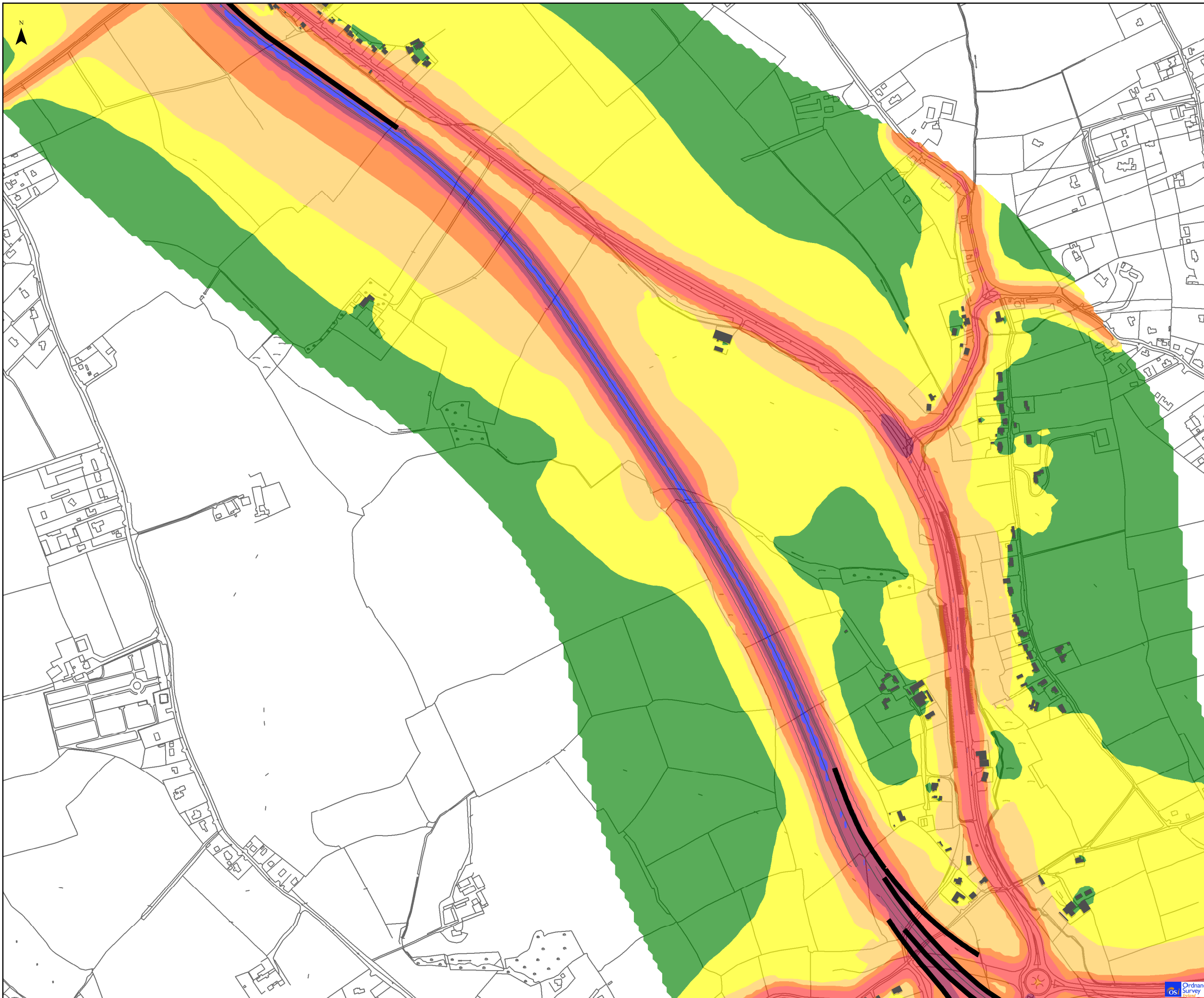
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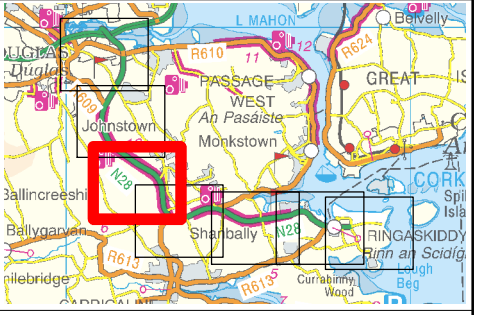
**Legend**

- Proposed M28
- Noise Model Buildings
- Proposed Retaining Wall / Acoustic Barrier

**L<sub>Night</sub> (dB)**

- < 45
- 45 to 49
- 50 to 54
- 55 to 59
- 60 to 64
- 65 to 69
- 70 to 74
- ≥ 75

200 400  
Metres



Client

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Something with Mitigation  
L<sub>Night</sub> Noise Contour Map**  
Figure: 14.11 ( Page 3 of 7 )

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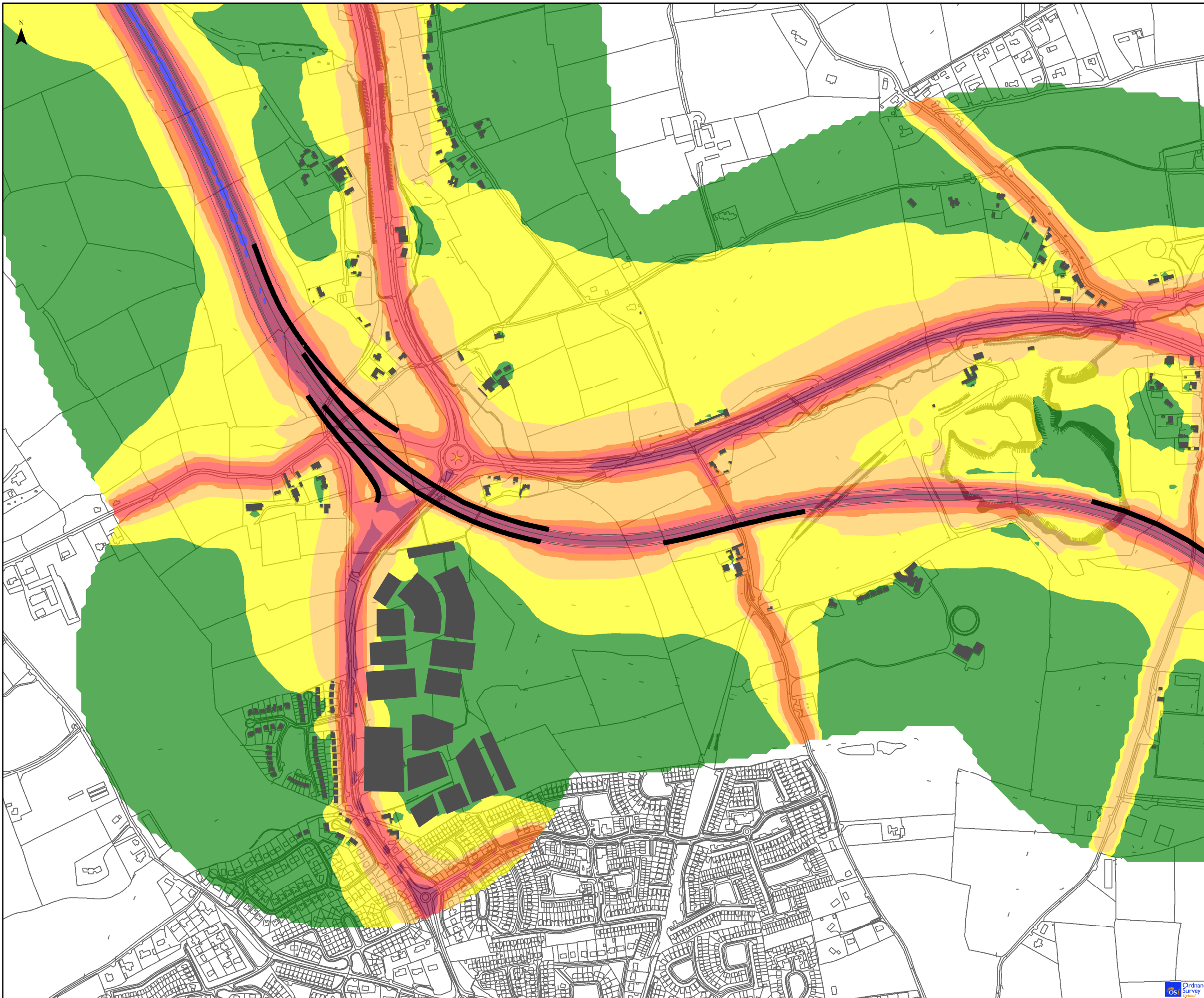
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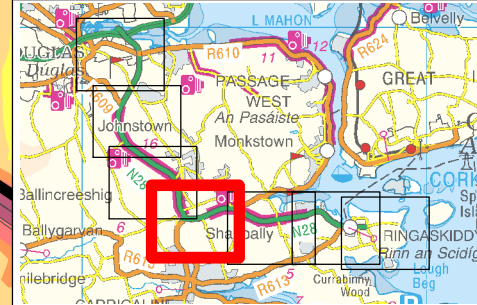
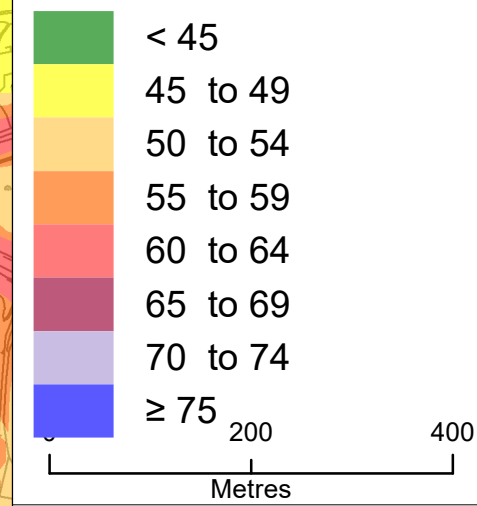




**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

**LNight (dB)**




Client




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Transport Infrastructure Ireland

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Something with Mitigation  
LNight Noise Contour Map**  
Figure: 14.11 ( Page 4 of 7 )



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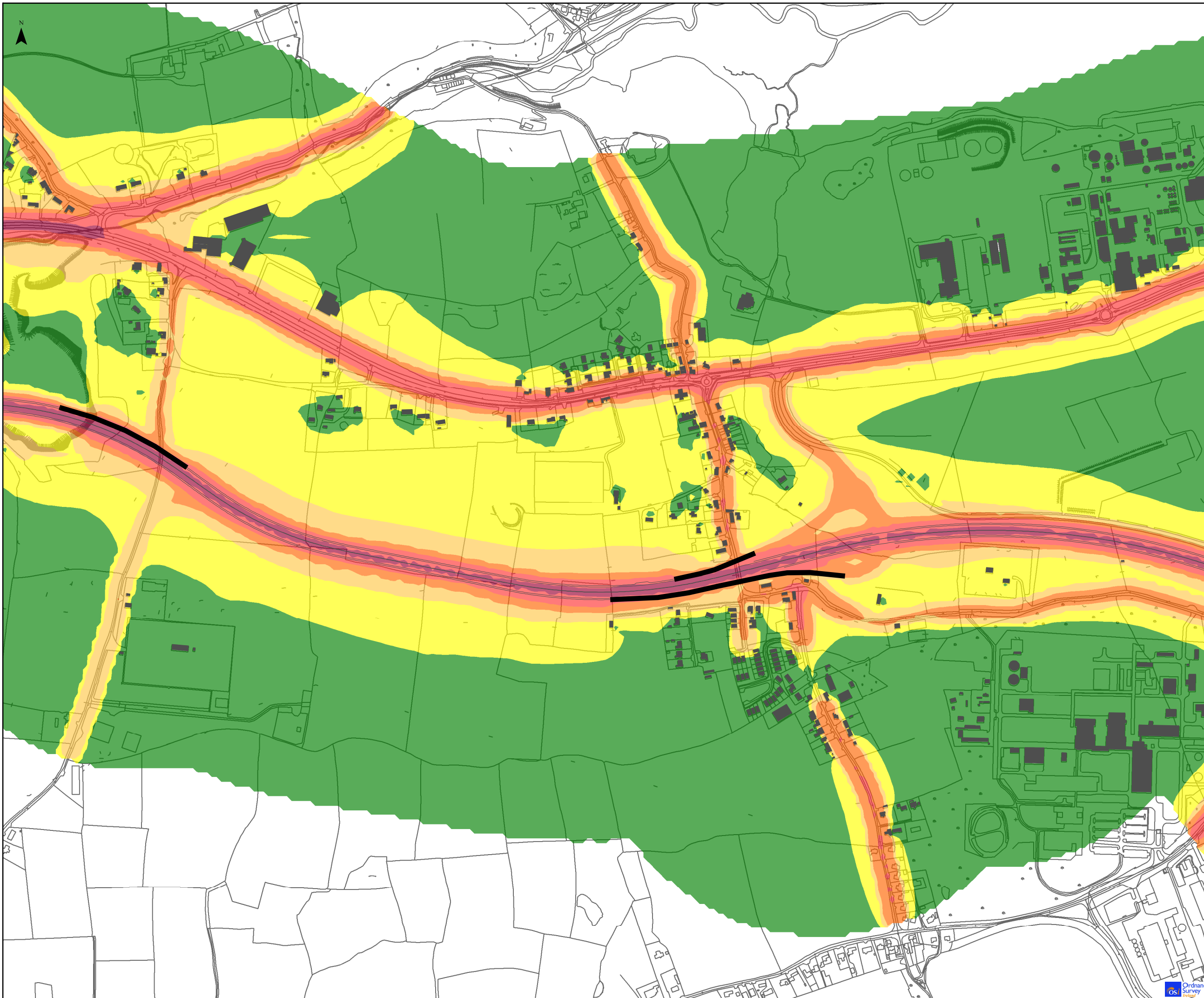
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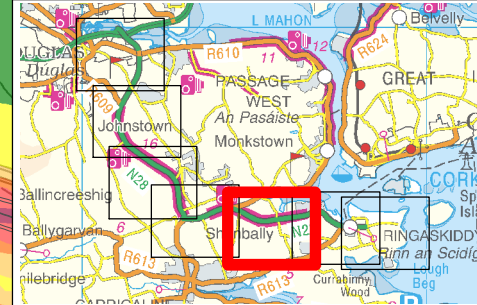
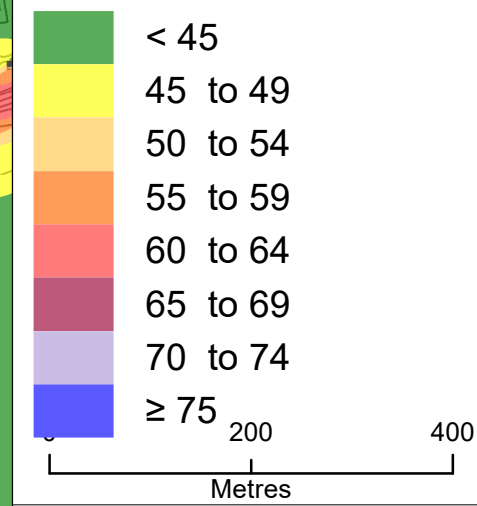




**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier


**LNight (dB)**



Client  

Project **M28 CORK TO RINGASKIDDY PROJECT**

Title **Do-Something with Mitigation  
L<sub>night</sub> Noise Contour Map**  
Figure: 14.11 ( Page 5 of 7 )

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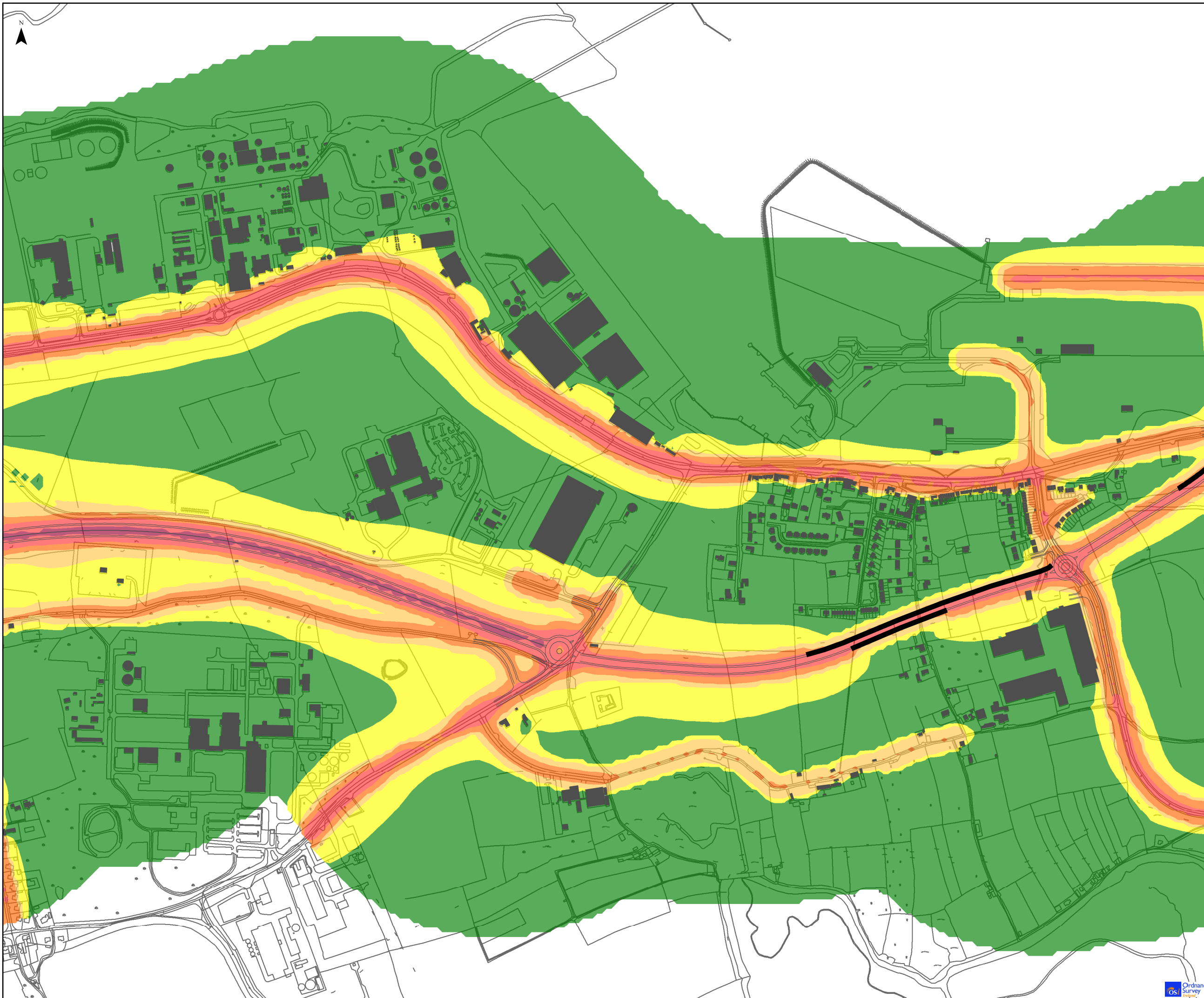
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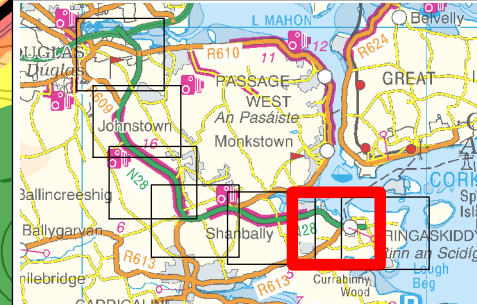
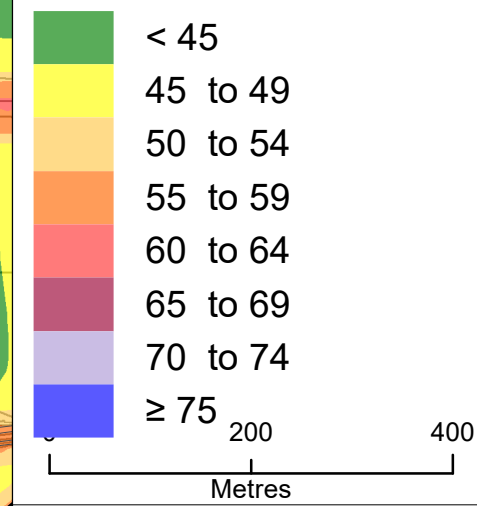




**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

**LNight (dB)**




Client




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Transport Infrastructure Ireland

Project  
**M28 CORK TO RINGASKIDDY PROJECT**

Title  
**Do-Something with Mitigation  
L<sub>night</sub> Noise Contour Map**  
Figure: 14.11 ( Page 6 of 7 )



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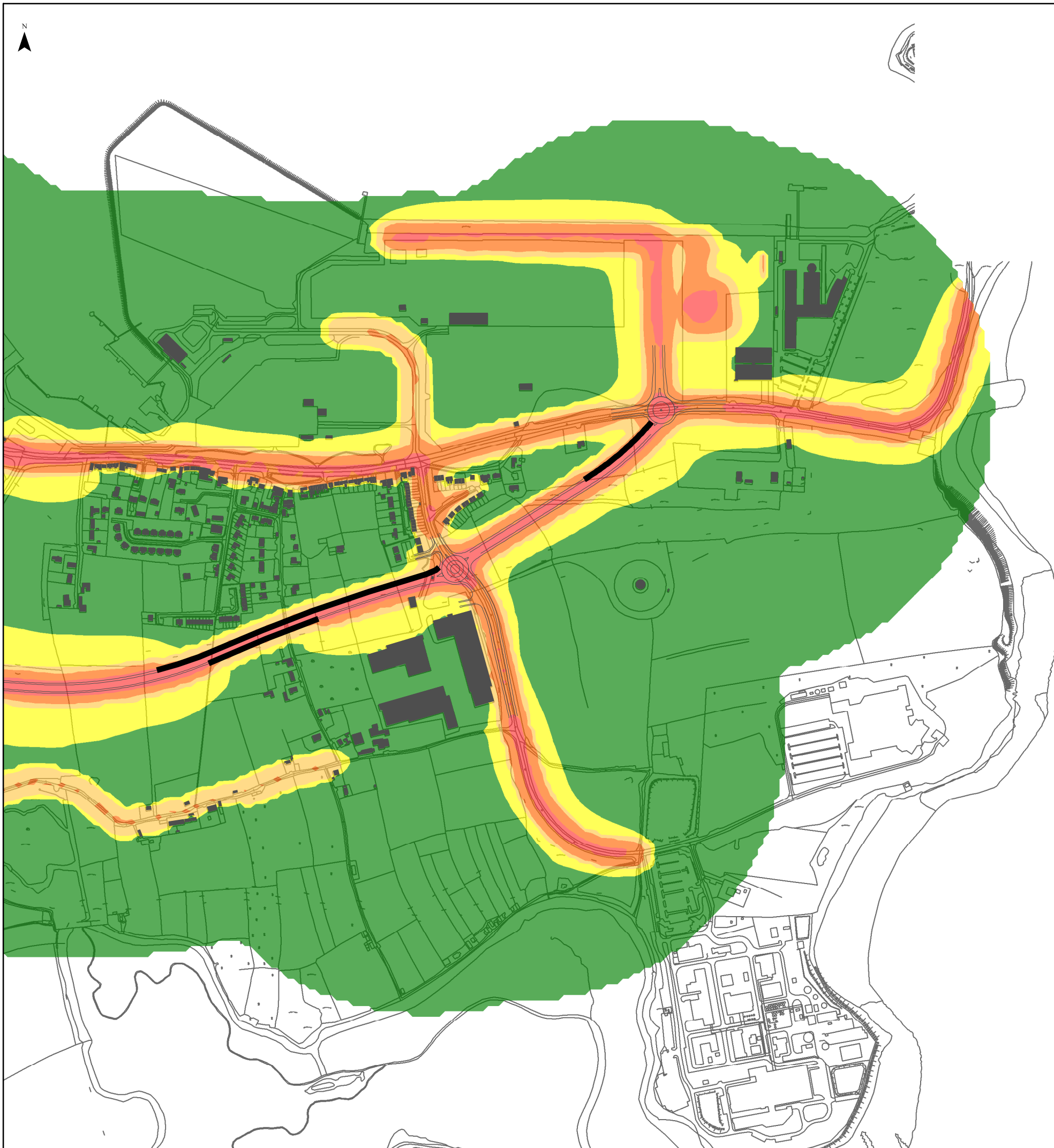
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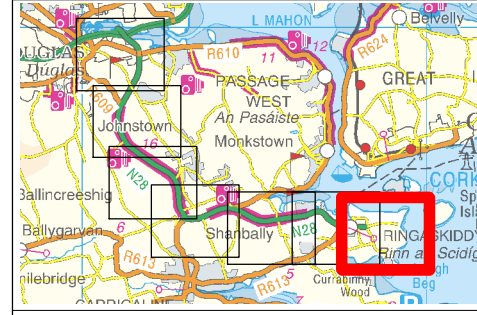
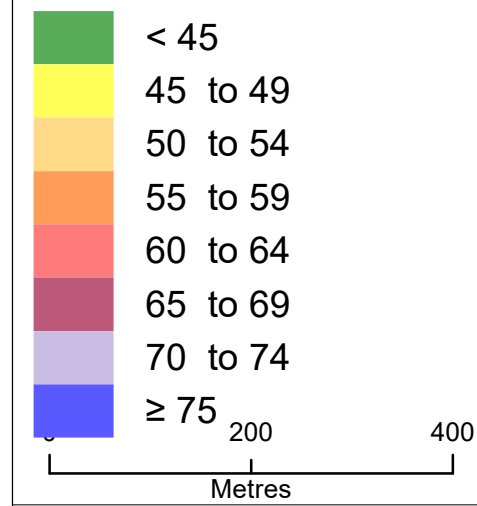




**Legend**

-  Proposed M28
-  Noise Model Buildings
-  Proposed Retaining Wall / Acoustic Barrier

**L<sub>night</sub> (dB)**



**Client**




**Project**  
**M28 CORK TO RINGASKIDDY PROJECT**

**Title**  
**Do-Something with Mitigation**  
**L<sub>night</sub> Noise Contour Map**  
 Figure: 14.11 ( Page 7 of 7 )

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<b>Date:</b> 09/05/2017	MCT0597Arc0041
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