

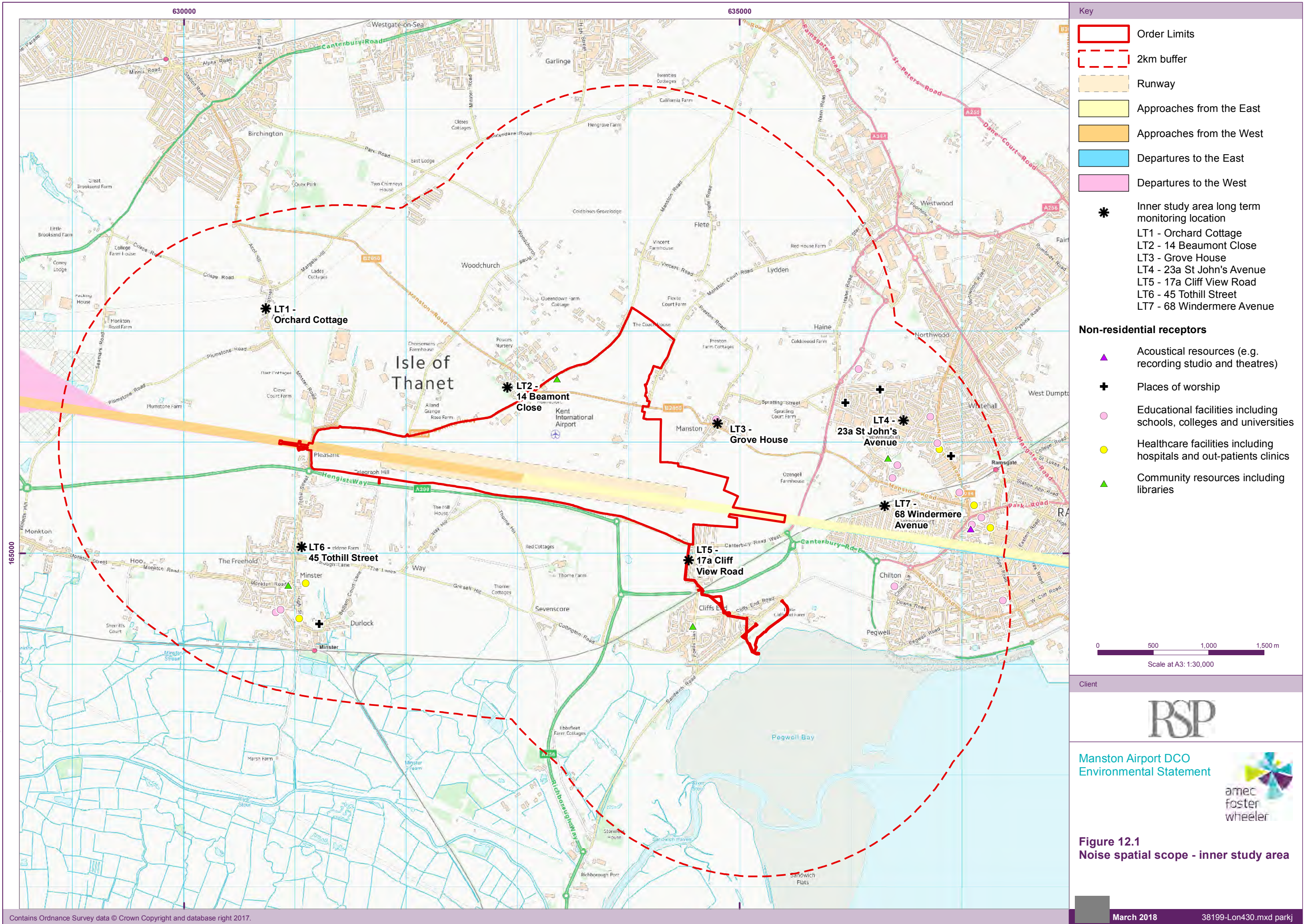


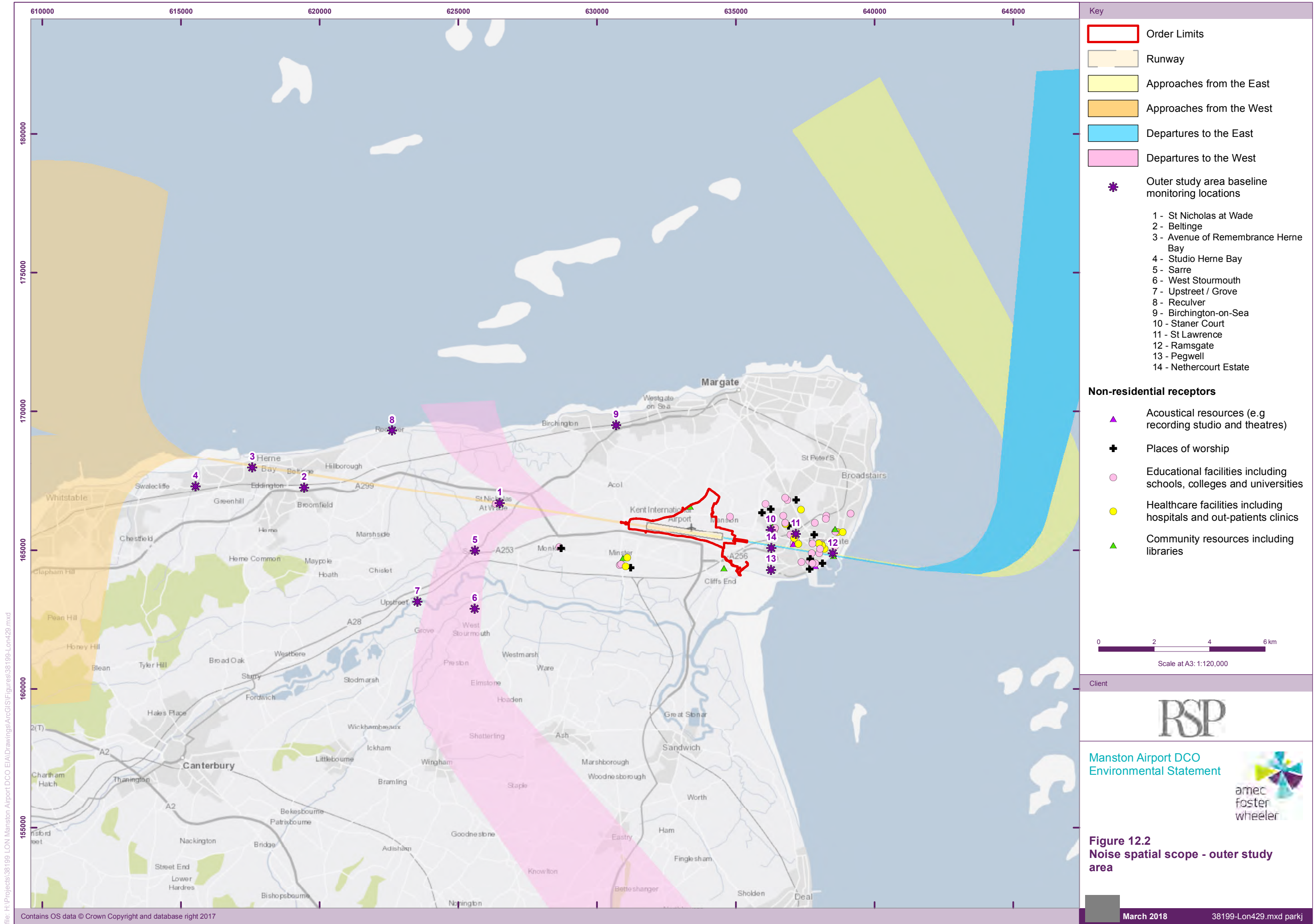
RiverOak Strategic Partners

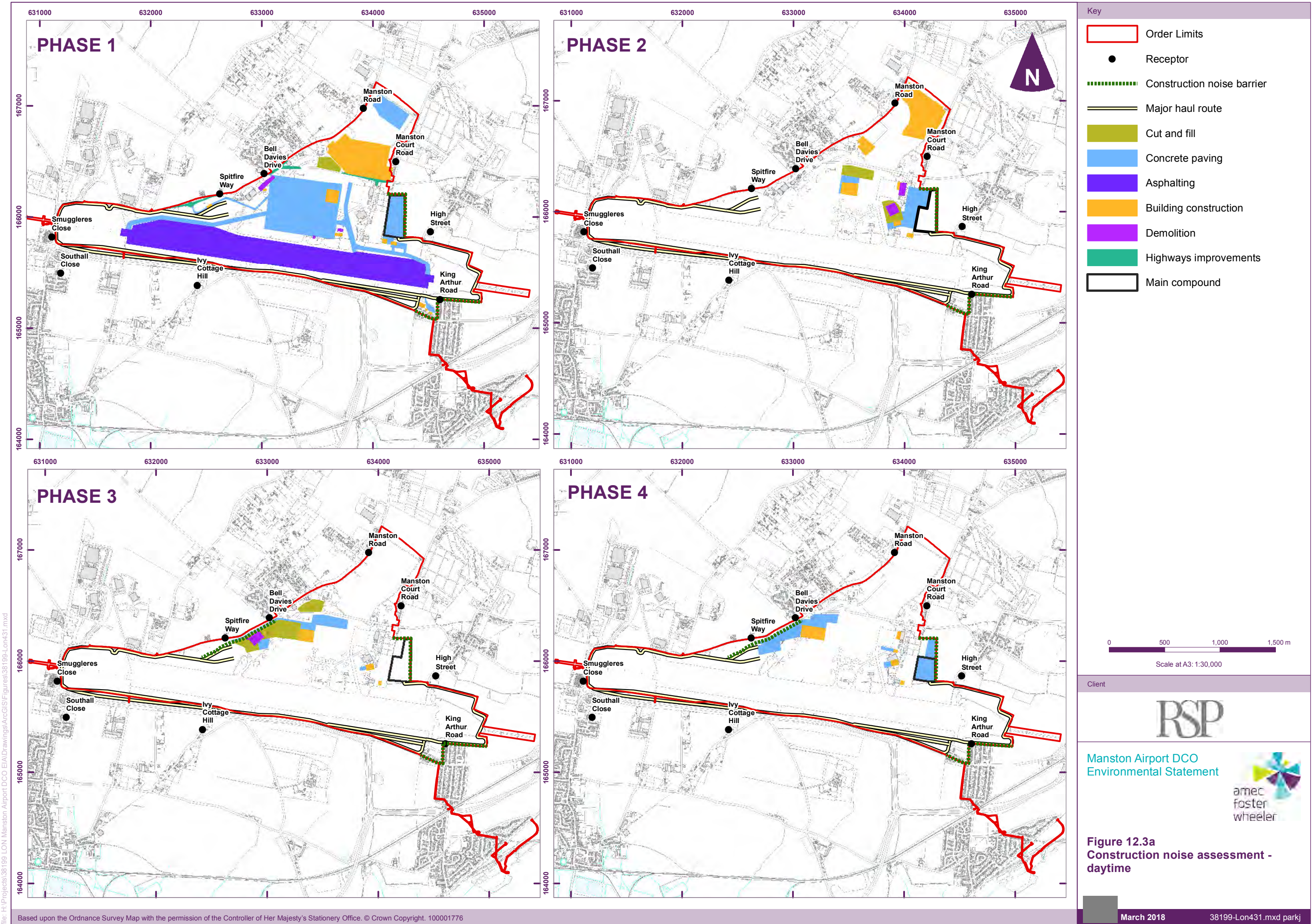
5.2-4 Environmental Statement Volume 4: Figures

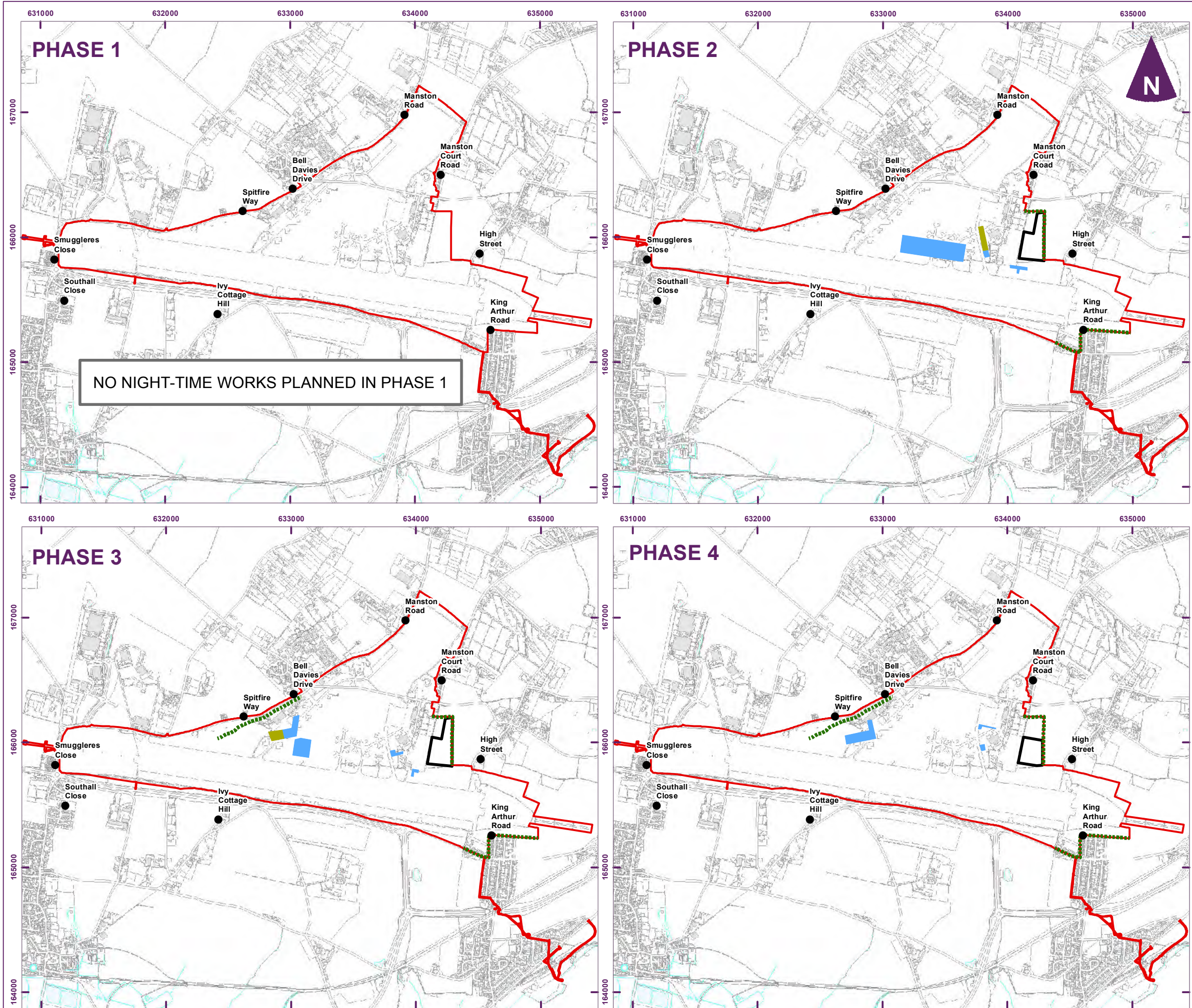
TR020002/ APP/ 5.4

Project Name:	Manston Airport Development Consent Order
Regulation:	Regulation 5(2)(a) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, as amended
Date:	July 2018









Client

RSP

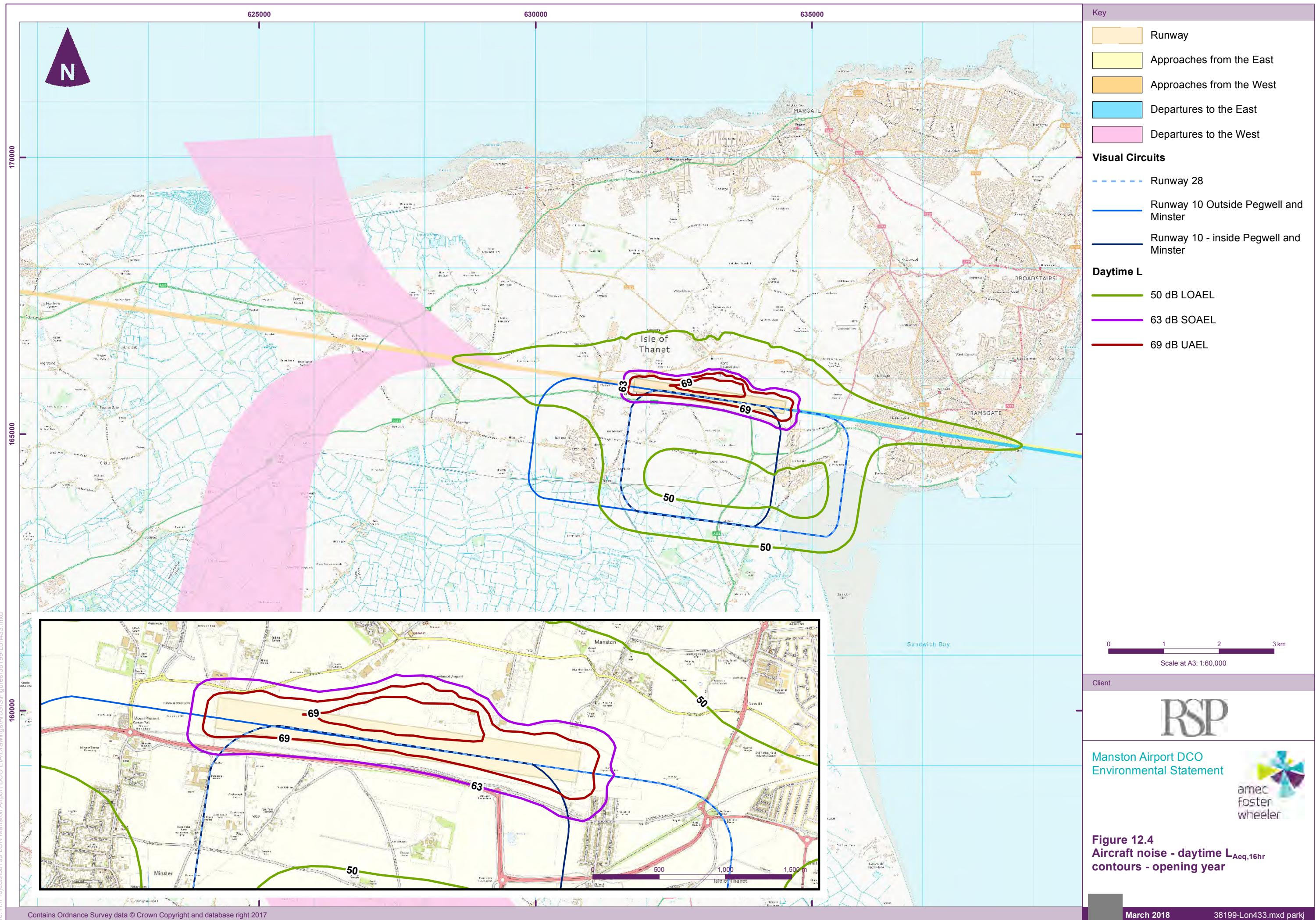
Manston Airport DCO
Environmental Statement

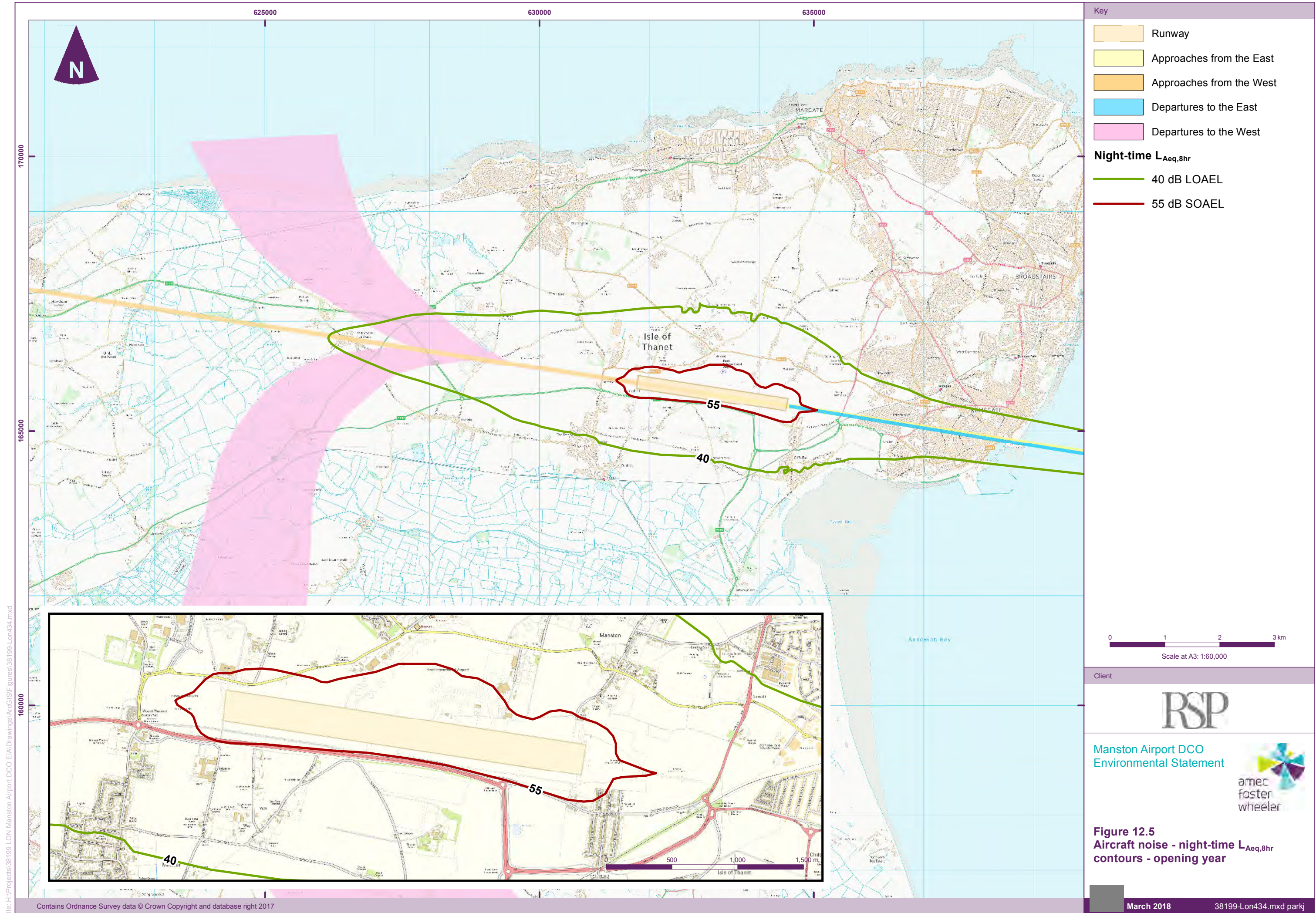
amec
foster
wheeler

Figure 12.3b
Construction noise assessment -
night-time

April 2018

38199-Lon432.mxd parkj





625000 630000 635000



170000

165000

160000

Key

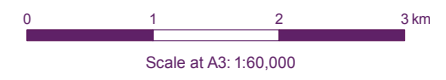
- Runway
- Approaches from the East
- Approaches from the West
- Departures to the East
- Departures to the West

Visual Circuits

- Runway 28
- Runway 10 Outside Pegwell and Minster
- Runway 10 - inside Pegwell and Minster

Daytime $L_{Aeq,16hr}$

- 50 dB LOAEL
- 63 dB SOAEL
- 69 dB UAEL



Client



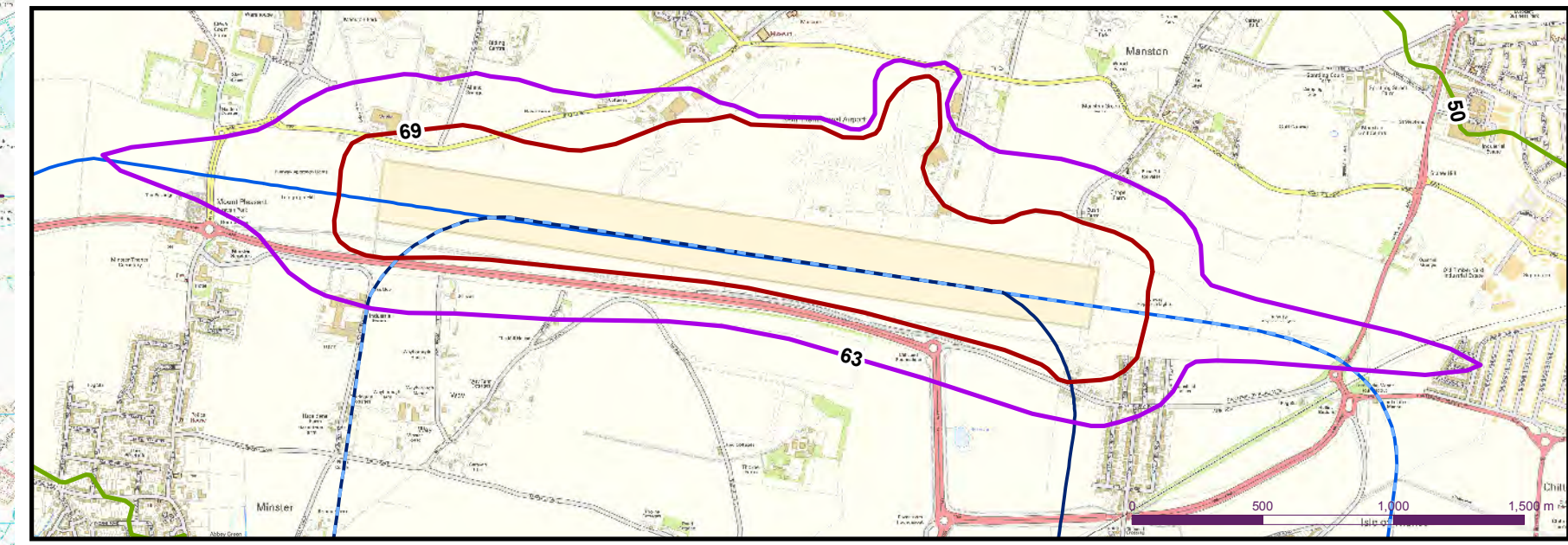
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Figure 12.6
Aircraft noise - daytime $L_{Aeq,16hr}$
contours - year of forecast maximum
capacity

March 2018

38199-Lon435.mxd parky



625000 630000 635000

170000

165000

160000



- Key
- Runway
 - Approaches from the East
 - Approaches from the West
 - Departures to the East
 - Departures to the West

Night-time $L_{Aeq,8hr}$

- 40dB LOAEL
- 55dB SOAEL



Scale at A3: 1:60,000

Client



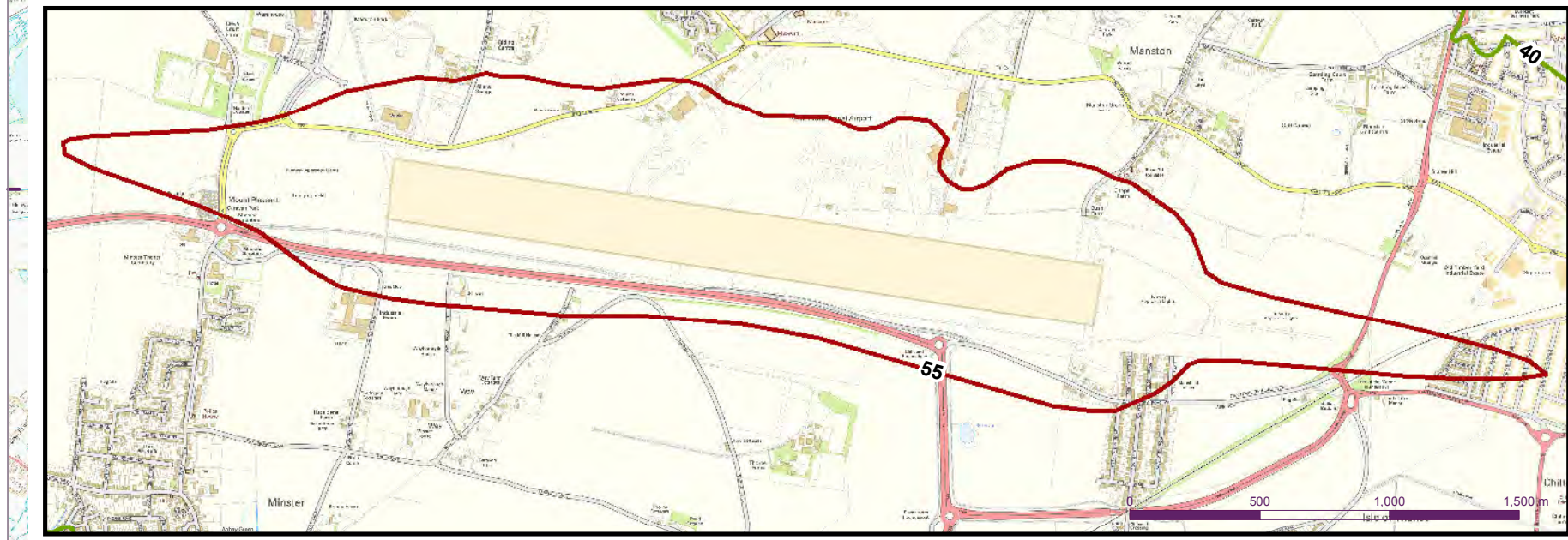
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Figure 12.7
Aircraft noise - night-time $L_{Aeq,8hr}$
contours - year of forecast maximum
capacity

March 2018

38199-Lon436.mxd parky



625000 630000 635000

170000

165000

160000



- Key
- Runway
 - Approaches from the East
 - Approaches from the West
 - Departures to the East
 - Departures to the West

Night-time L_{ASmax}

80 dB



Scale at A3: 1:60,000

Client



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Figure 12.8
Aircraft noise - night-time L_{ASmax}
contours - opening year

March 2018

38199-Lon437.mxd parky

625000 630000 635000



170000

165000

160000

- Key
- Runway
 - Approaches from the East
 - Approaches from the West
 - Departures to the East
 - Departures to the West

Night-time L_{ASmax}

80 dB



Scale at A3: 1:60,000

Client



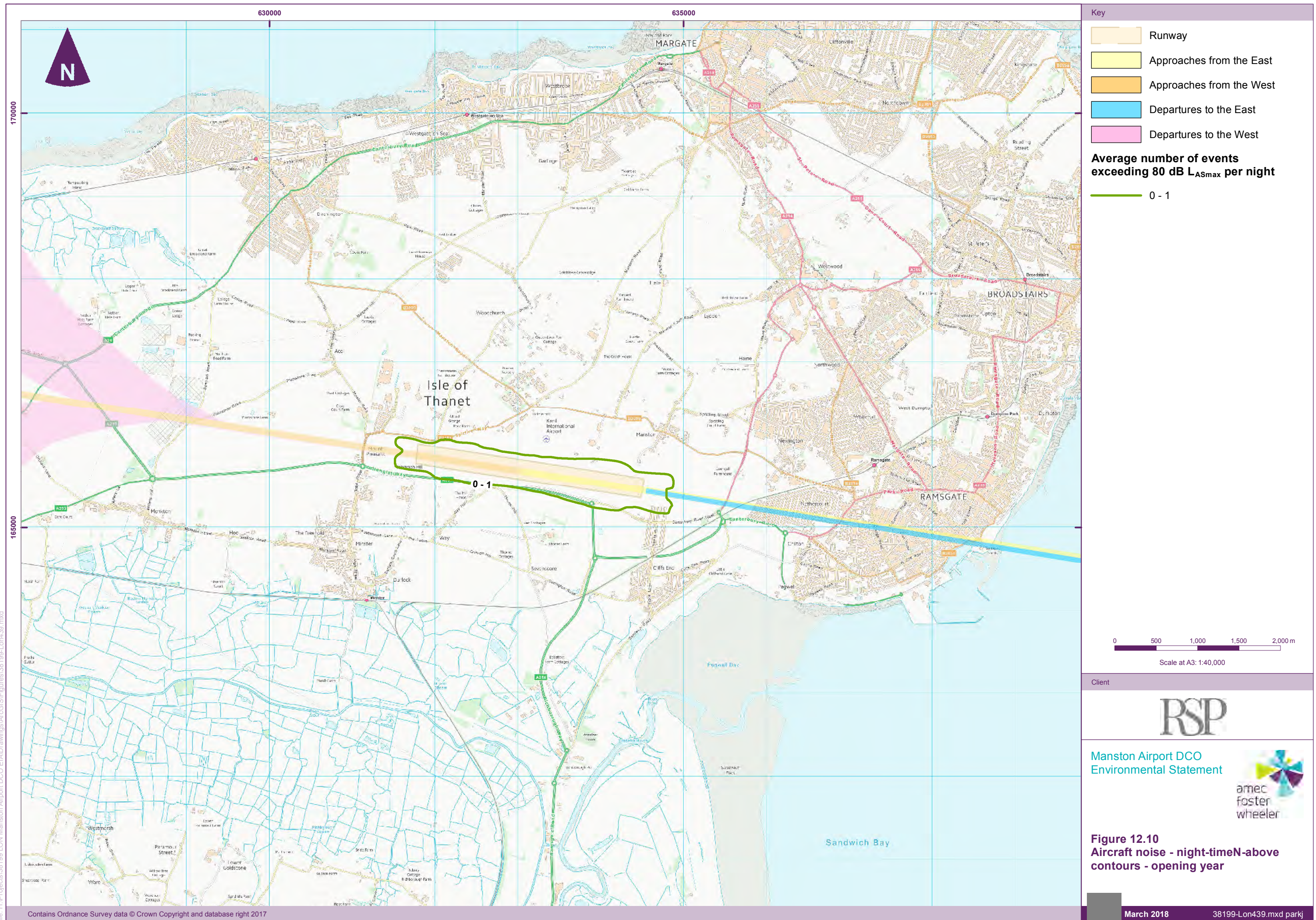
Manston Airport DCO
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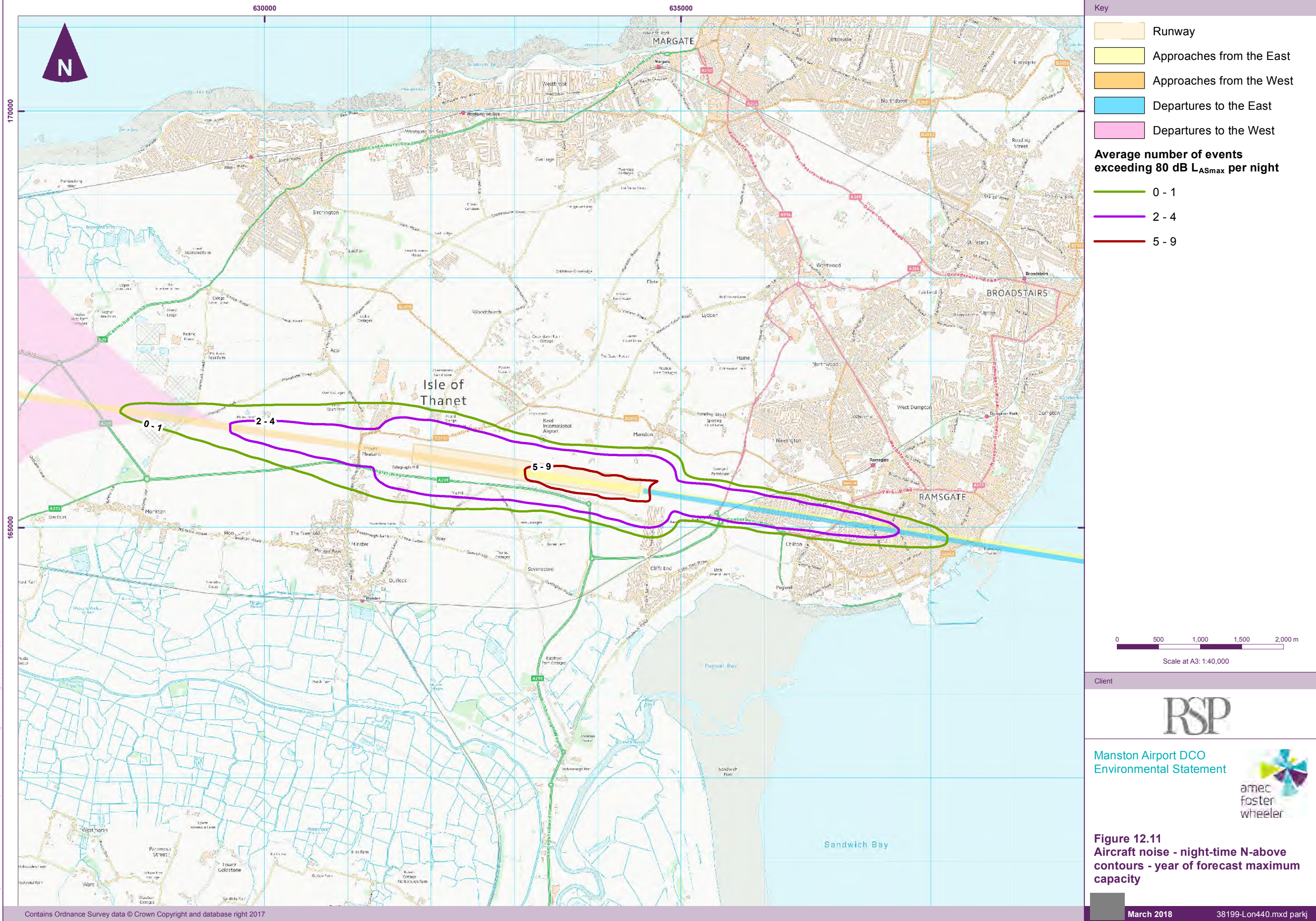


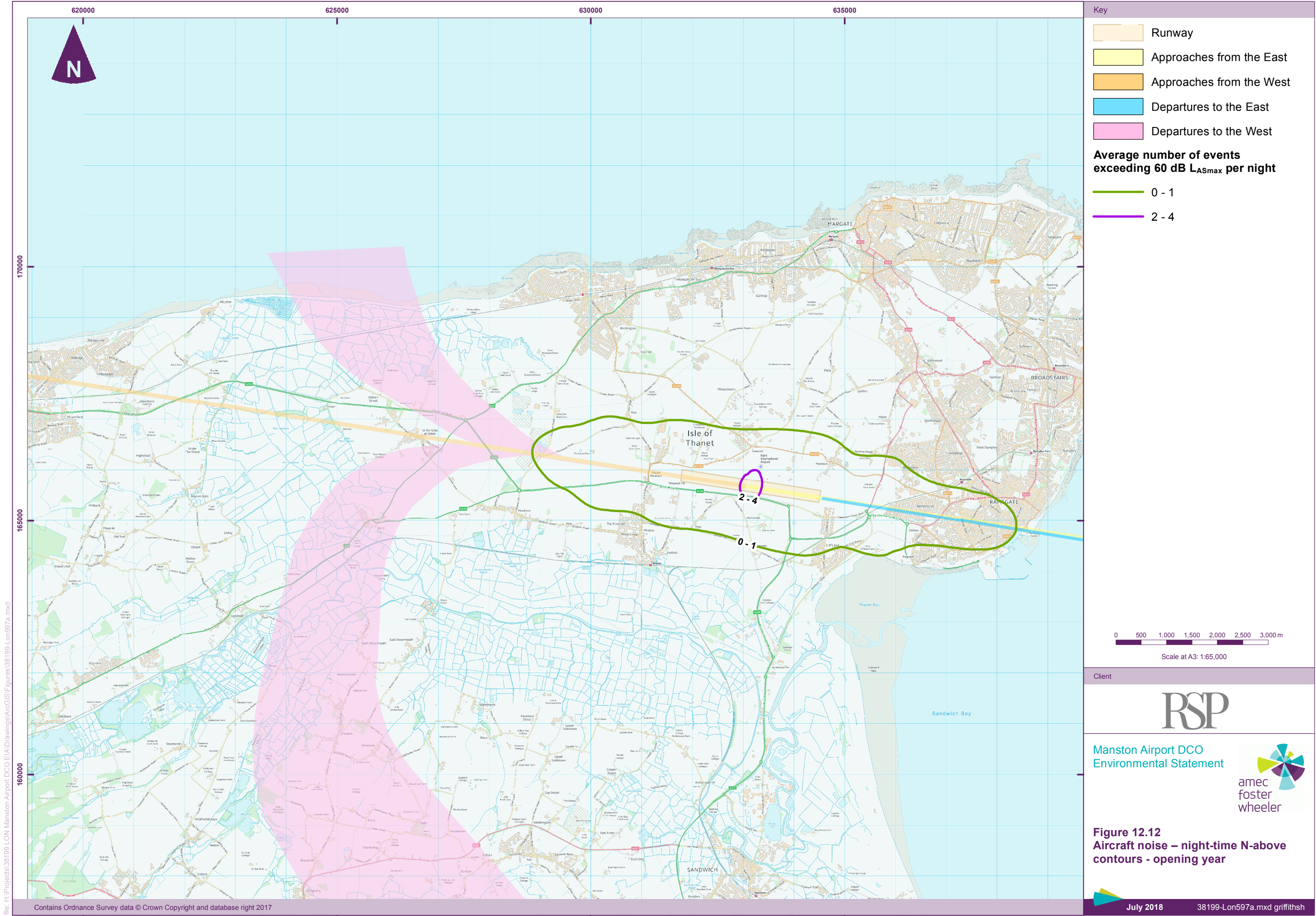
Figure 12.9
Aircraft noise - night-time L_{ASmax}
contours - year of forecast maximum
capacity

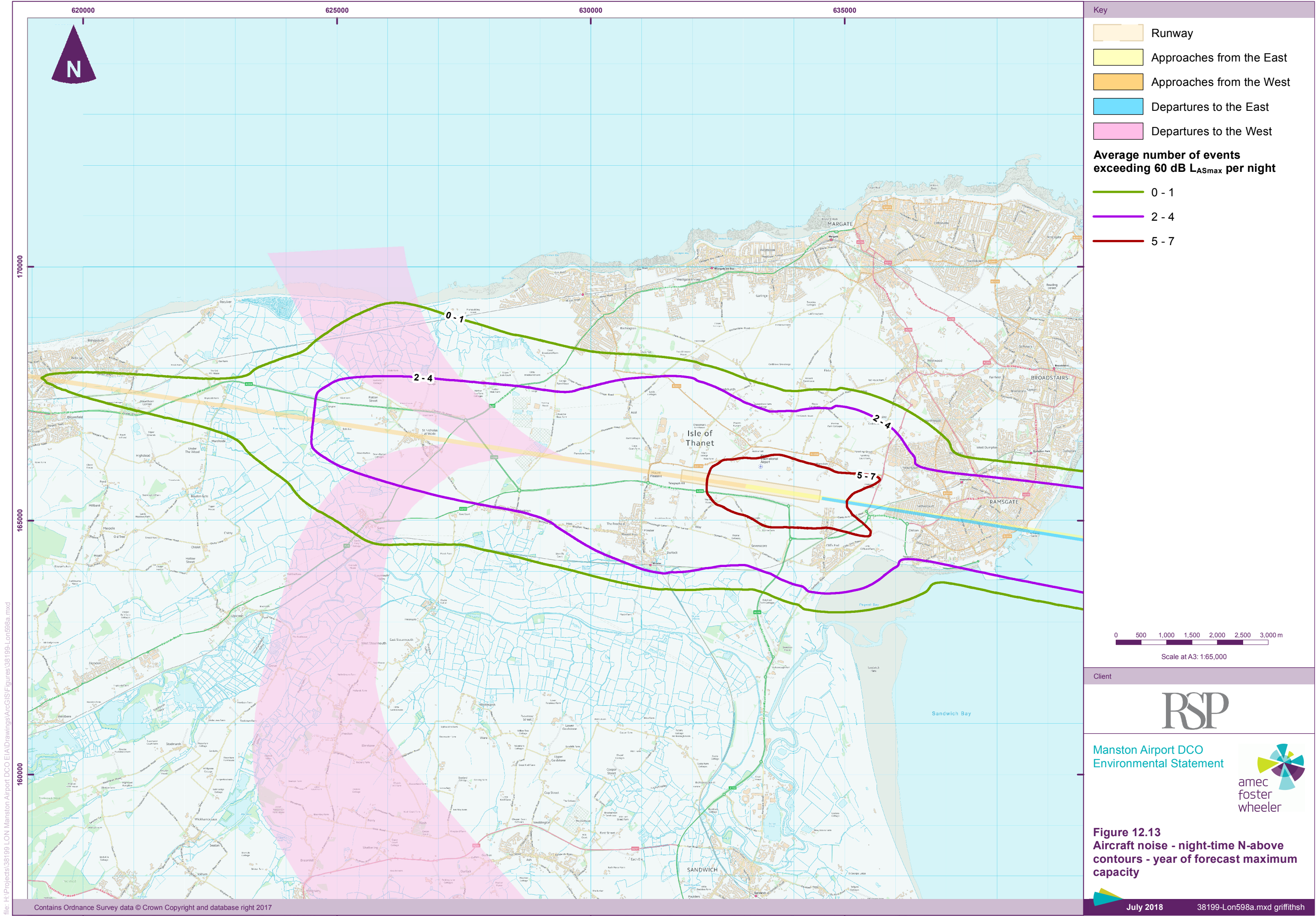
March 2018

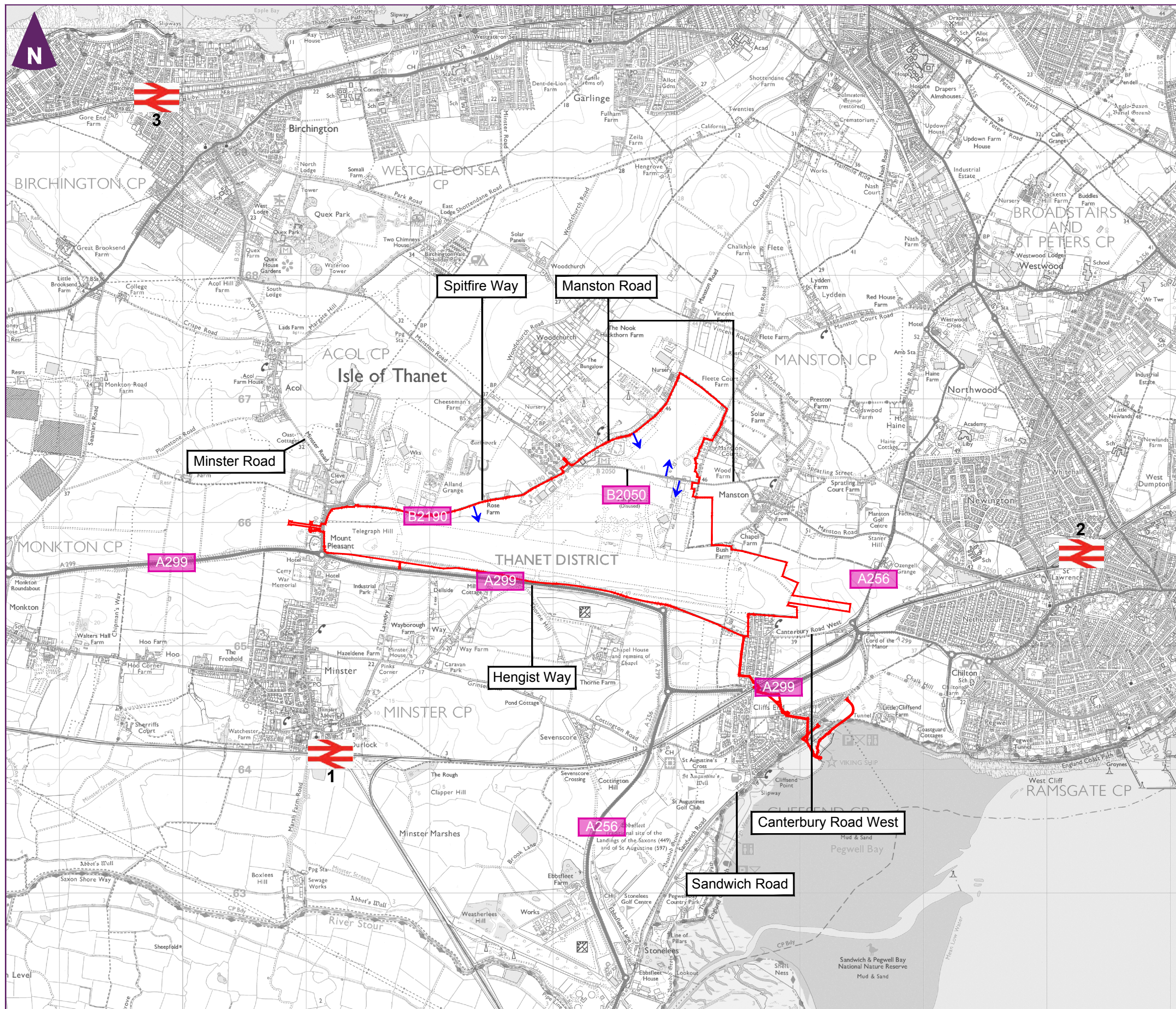
38199-Lon438.mxd parkj











- Key
- Order Limits
 - Station
 - 1 Minster Rail Station
 - 2 Ramsgate Rail Station
 - 3 Birchington Rail Station
 - Access points

0 km 1.5km

Scale 1:30,000 @ A3

Client

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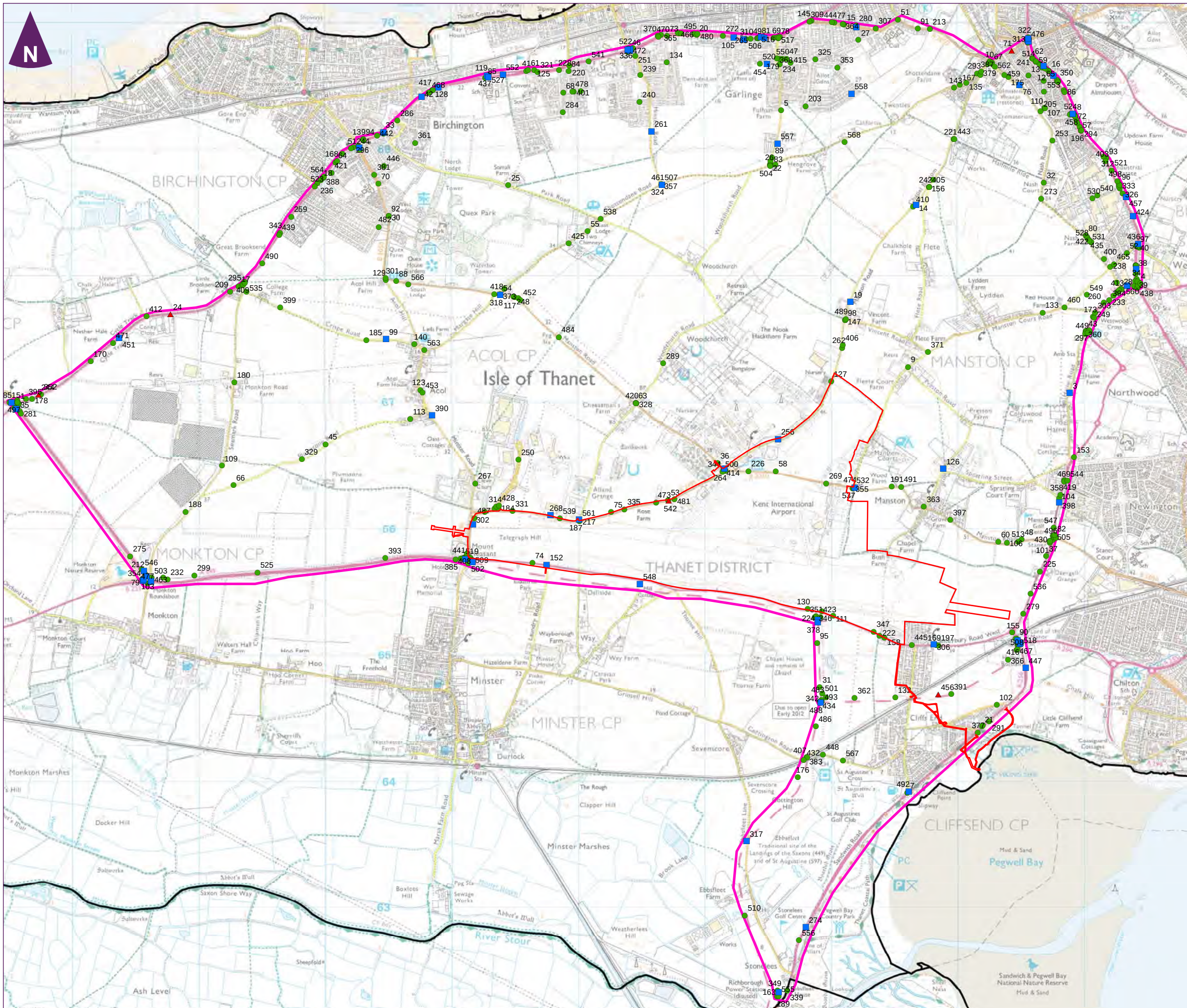


Figure 14.1
Site boundary and local transport
network



March 2018

38199-Lon351.dwg गया



Key

- Order Limits
- Search area
- Accident location:
 - Fatal
 - Serious
 - Slight

0 km 2 km
Scale 1:30,000 @ A3

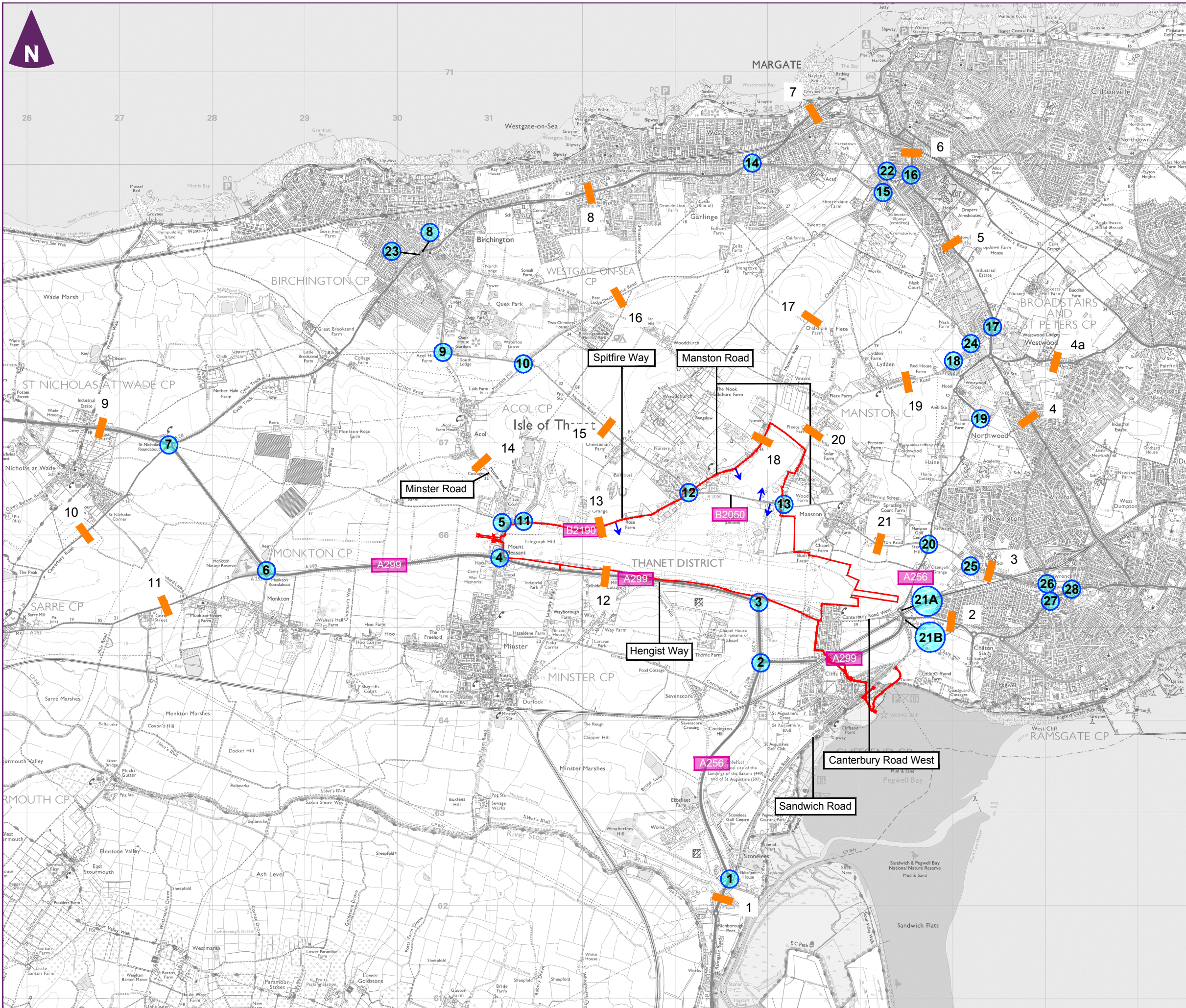
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amc
foster
wheeler

Figure 14.2
Accident assessment area and
accident locations



Key

Order Limits

Key junction

1

A256/Sandwich Road

2

A256/A299/Cottingham Link Road

3

A299/Canterbury Road West

4

A299/B2190 (Minster Road)/B2190 (Tothill Street)

5

B2190/Minster Road

6

A253 (Canterbury Road)/A299/Willetts Hill/Seamark Road

7

A299/A28 (Canterbury Road)/ Potten Street Road

8

A28 Canterbury Road/ The Square (The Station Road)

9

B2050 (Park Lane)/Acol Hill/ B2050 (Manston Road)

10

B2050 (Manston Road)/Shottendane Road/Margate Hill

11

B2190 (Spitfire Way)/Columbus Avenue

12

B2050 (Manston Road)/Shottendane Road/B2190 (Spitfire Way)

13

B2050 (Manston Road)/Manston Court Road

14

A28 (Canterbury Road)/B2052 (George V Avenue)

15

B2052 Hartsdown Road/B2052 (Tivoli Road)/B2052 (College Road)/Nash Road/Empire Terrace/Manston Road (Coffin Corner)

16

A254 (Ramsgate Road)/B2052 (College Road)/B2052 (Beatrice Road)

17

A254 (Margate Road)/A254 (Ramsgate Road)/Star Lane/Poorhole Lane

18

Star Lane Link/Manston Court Road

19

A256 New Haine Road/New Cross Road

20

A256 (Haine Road)/B2050 (Manston Road)

21A

A256 (Haine Road)/Canterbury Road West/A256

21B

A299(Canterbury Road East)/A299 (Hengist Way)/Sandwich Road/A256 Lord of the Manor Roundabout

22

B2052 (Tivoli Road)/Tivoli Road/B2052 (Beatrice Road)

23

B2052 Park Lane/A28 (Canterbury Road)

24

Star Lane/Nash Road

25

B2050 (Manston Road)/Tesco Supermarket Access

26

B2050 (Manston Road)/B2014 (Newington Road)

27

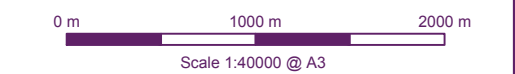
B2014 (Newington Road)/A255 (High Street)

28

A255 (High Street)/A255 (Park Road)/Wilfred Road/Grange Road

Access points

ATC Count locations



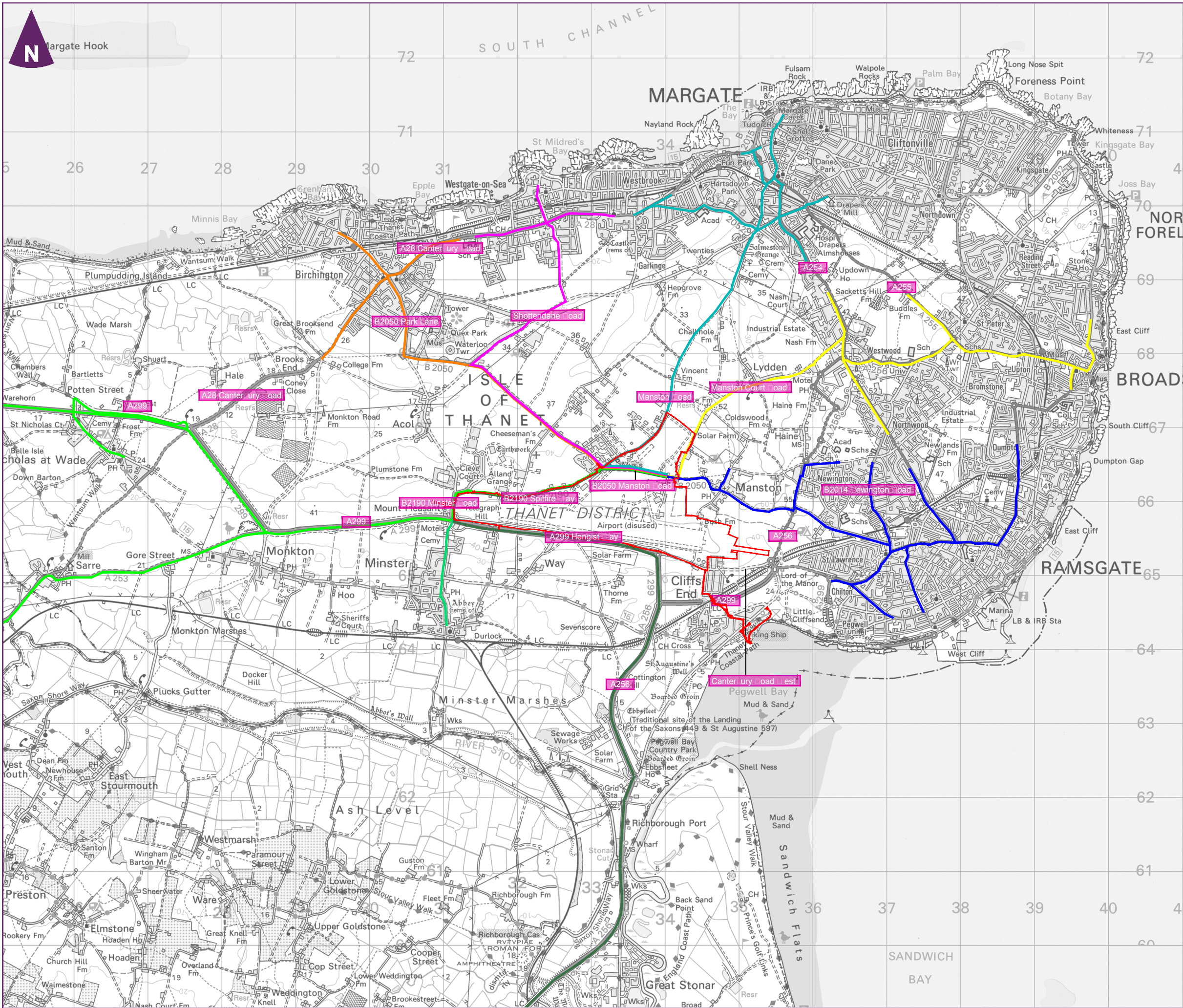
Client

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wheeler

Figure 14.3
Baseline Traffic Data (Study Area)



Key

- Order Limits
- Access route to Margate and Westbrook via Manston Road
- Access route to Broadstairs and Westwood via Manston Court Road
- Access route to Ramsgate via B2050 Manston Road
- Access route to Dover and south via A256
- Access route to Minster via B2190
- Access route west to the A253 and the A299 via B2190
- Access route to Birchington via B2050 Park Lane
- Access route to Westgate on sea via Shottendane road and B2050 Manston Road

0 km 3 km

Scale 1:50,000 @ A3

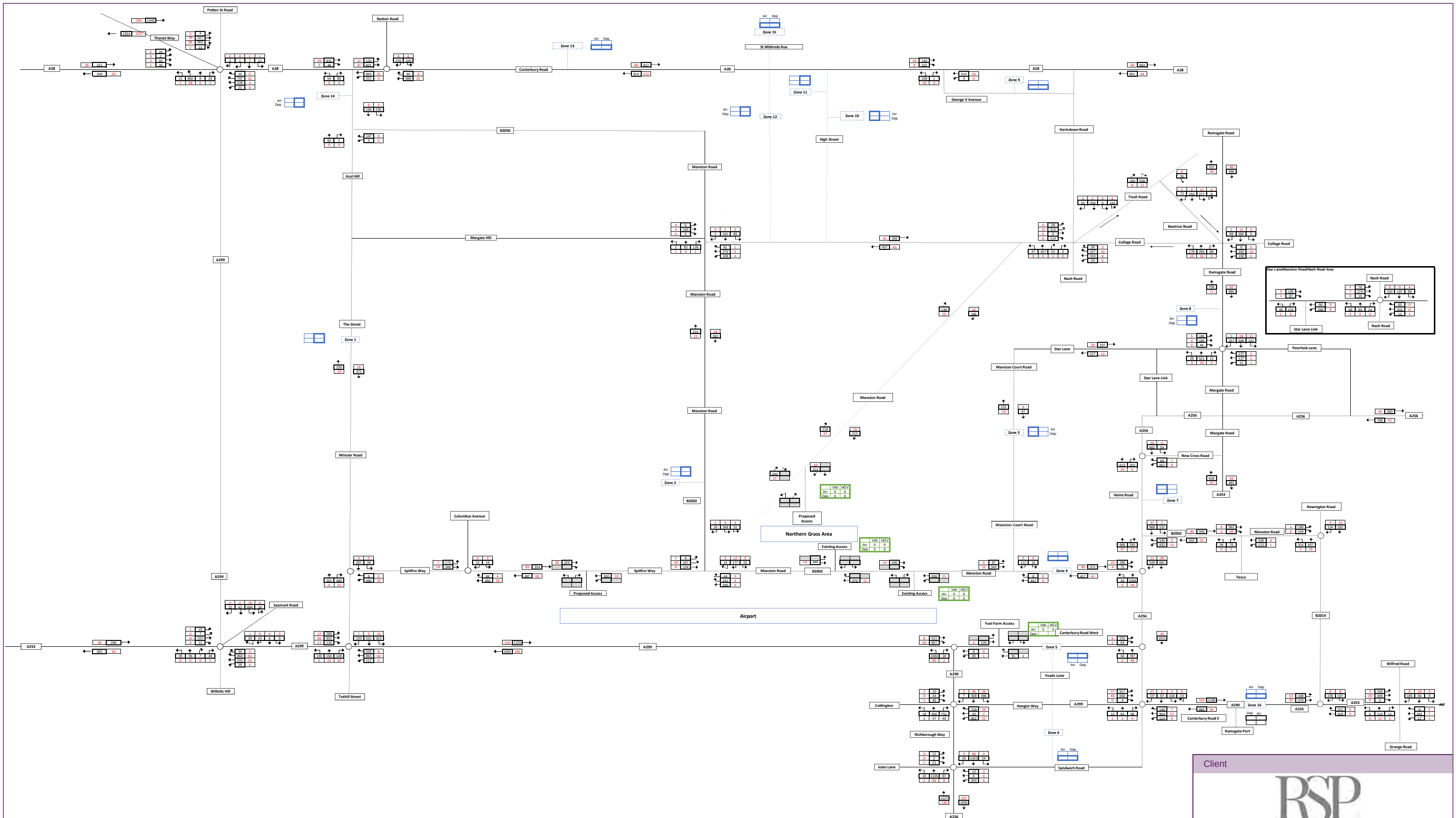
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wheeler

Figure 14.4
Proposed access routes to the site



228 Total Vehicles
4 HGV

Growth Rates	
LGV	0
HGV	0

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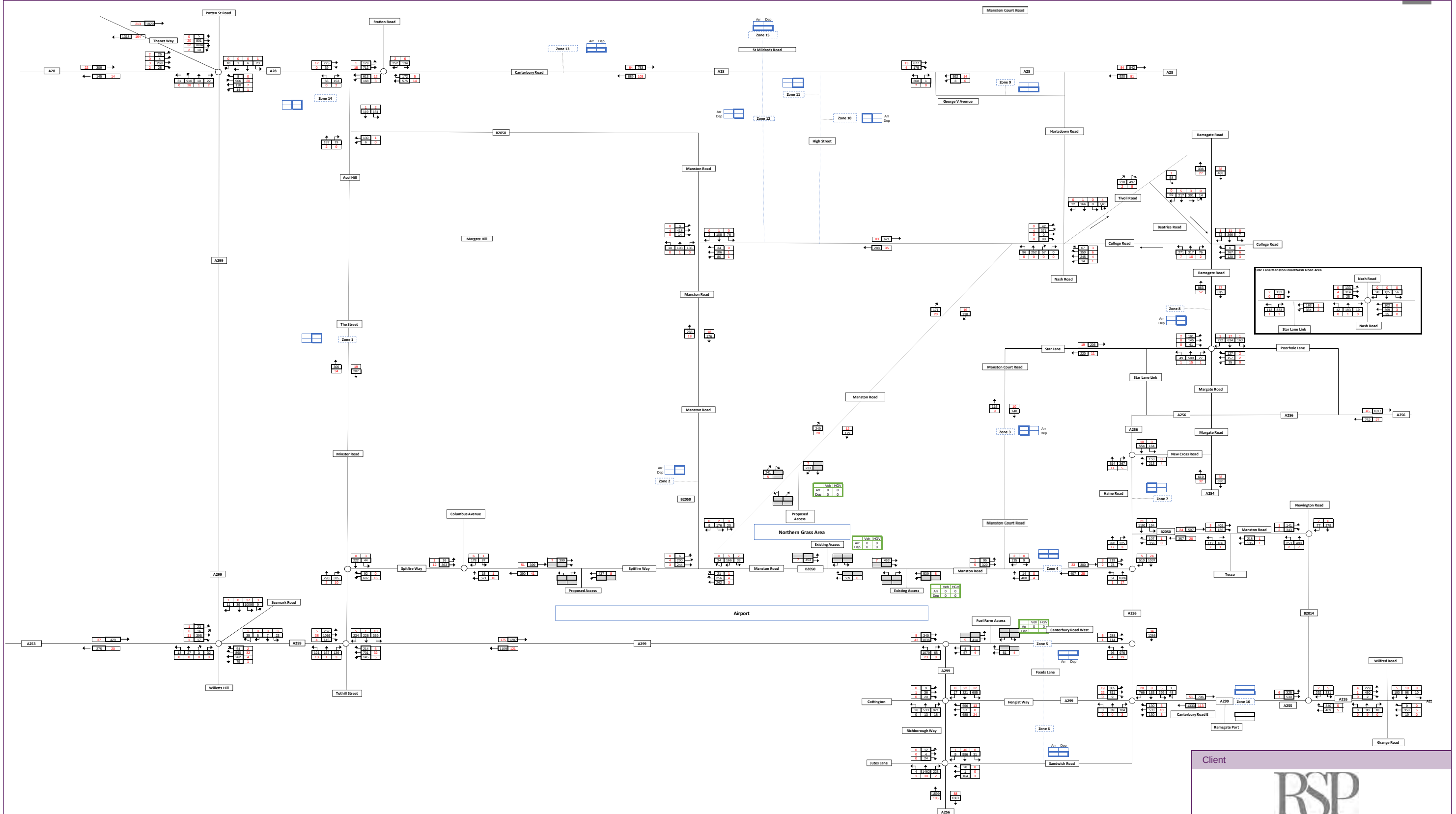


Figure 14.5
Network plot baseline traffic flows
AM peak



March 2018

38199-Lon355.ai park



110 Total Vehicles
7 HGV

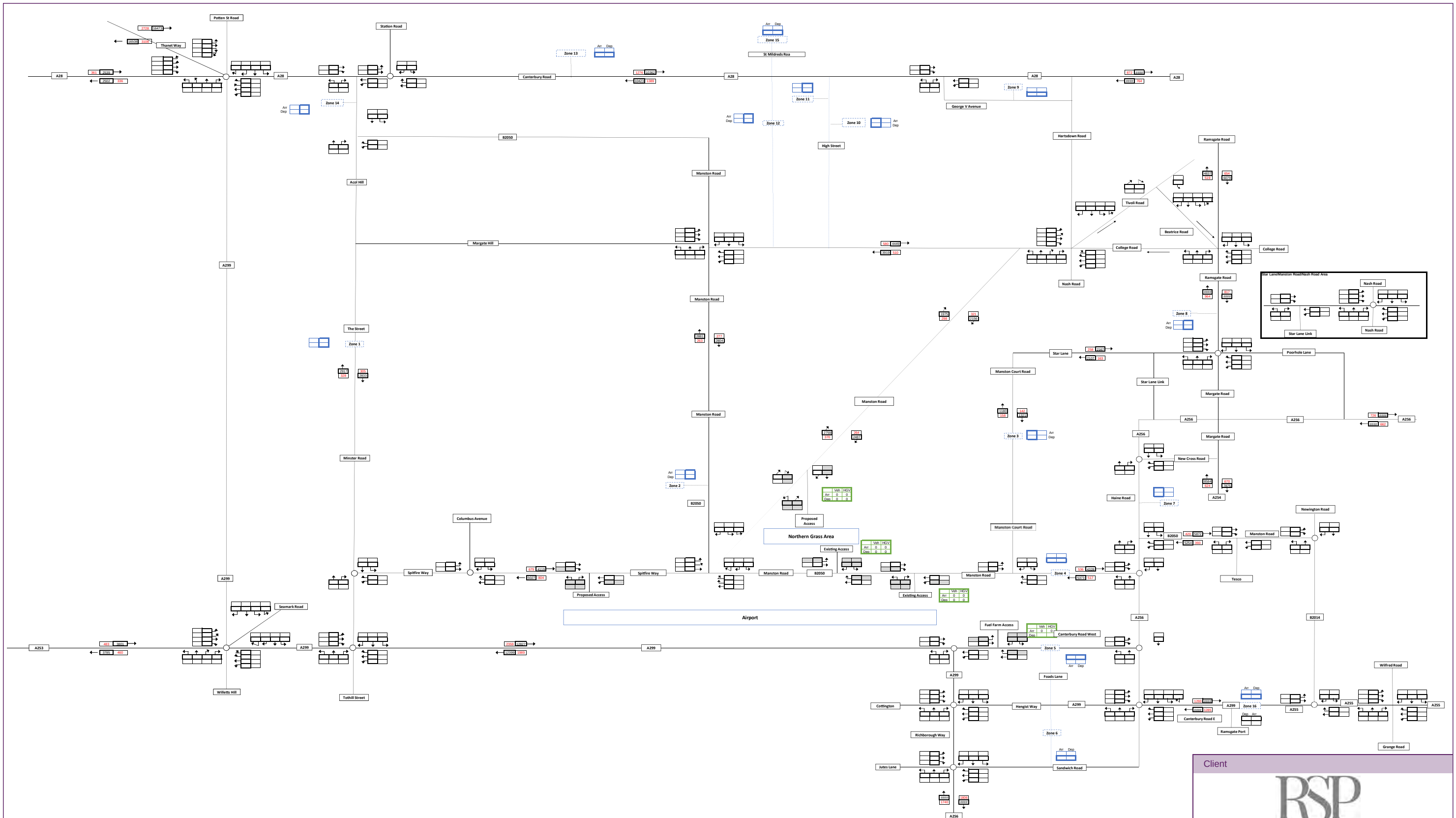
Growth Rates	
LGV	0
HGV	0

Client

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Figure 14.6
Network plot baseline traffic flows
PM peak



110 Total Vehicles
7 HGV

Growth Rates	
LGV	0
HGV	0

Client



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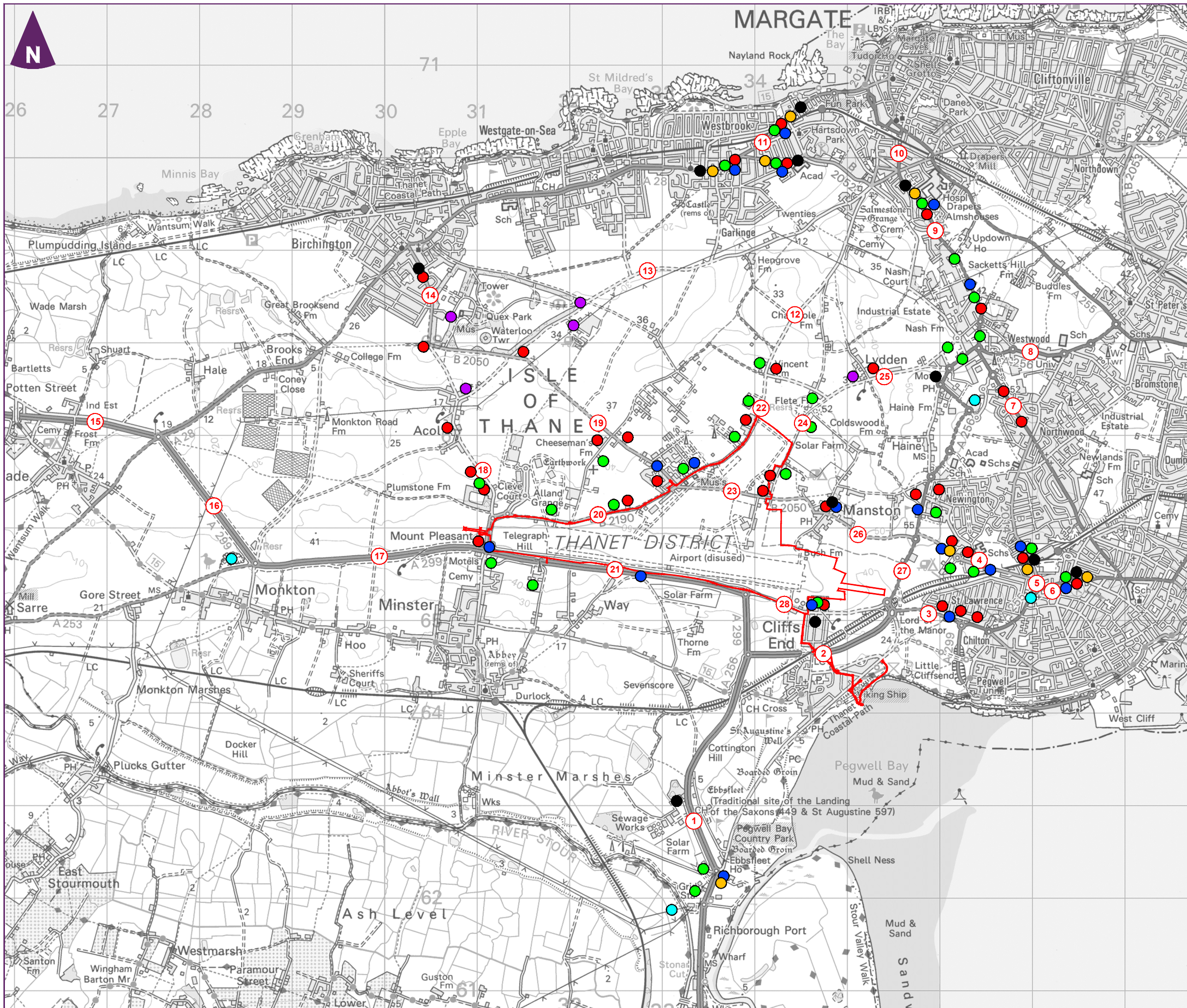


Figure 14.7
Network plot baseline traffic flows
24 hour



March 2018

38199-Lon357.ai parkj



Key

- Order Limits
- Location ID
- Potentially affected groups/locations:
- People at home
- People at work
- People walking
- People cycling
- Sensitive locations
- Open spaces, recreational areas, shopping areas
- Sites of tourist/visitor attractions

0 m 2000 m
Scale 1:40,000 @ A3

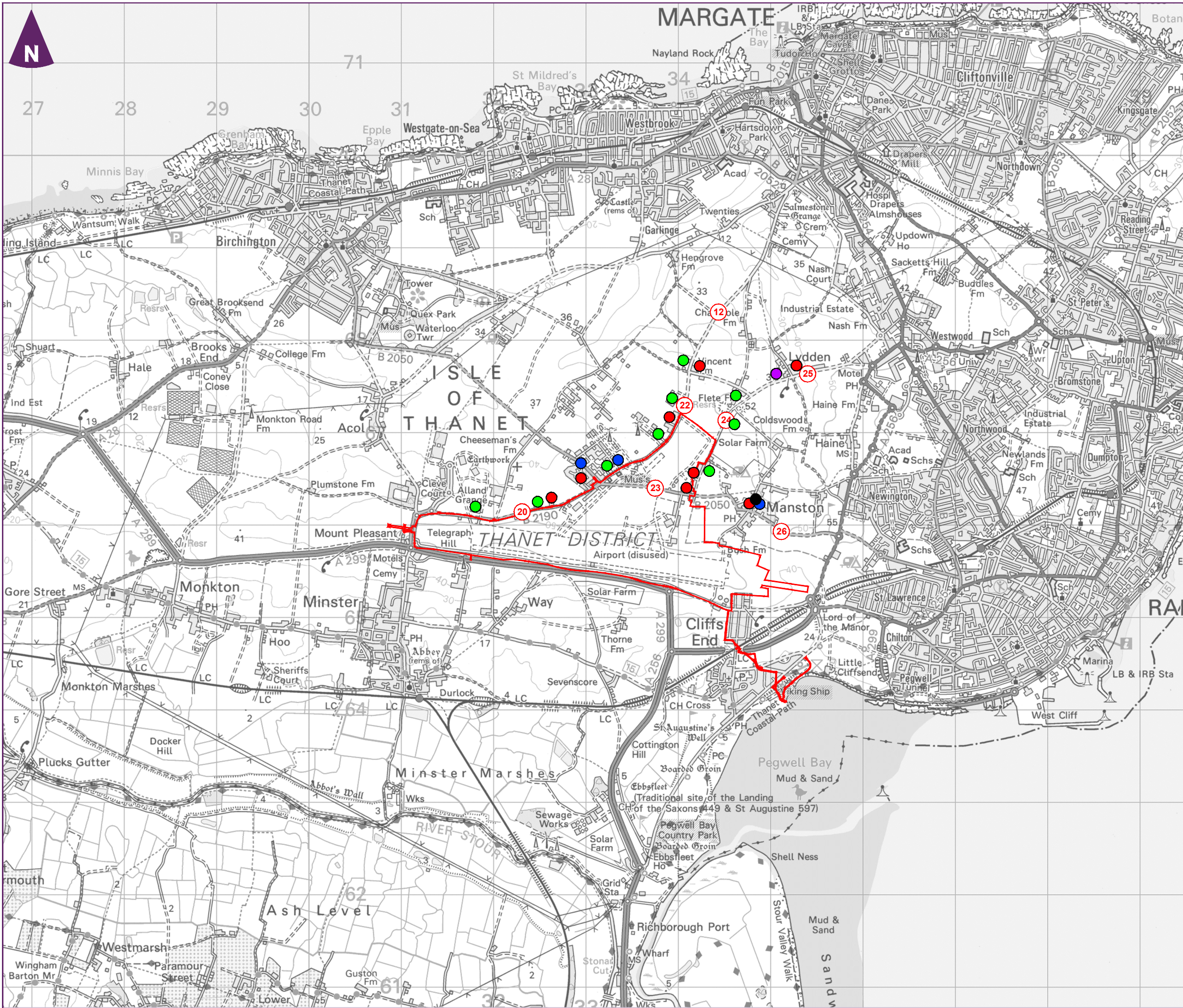
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Figure 14.8 Potentially affected groups/locations



Key

- Order Limits
- Location ID
- Potentially affected groups/locations:
- People at home
- People at work
- People walking
- People cycling
- Sensitive locations
- Open spaces, recreational areas, shopping areas
- Sites of tourist/visitor attractions

0 m 2000 m
Scale 1:40,000 @ A3

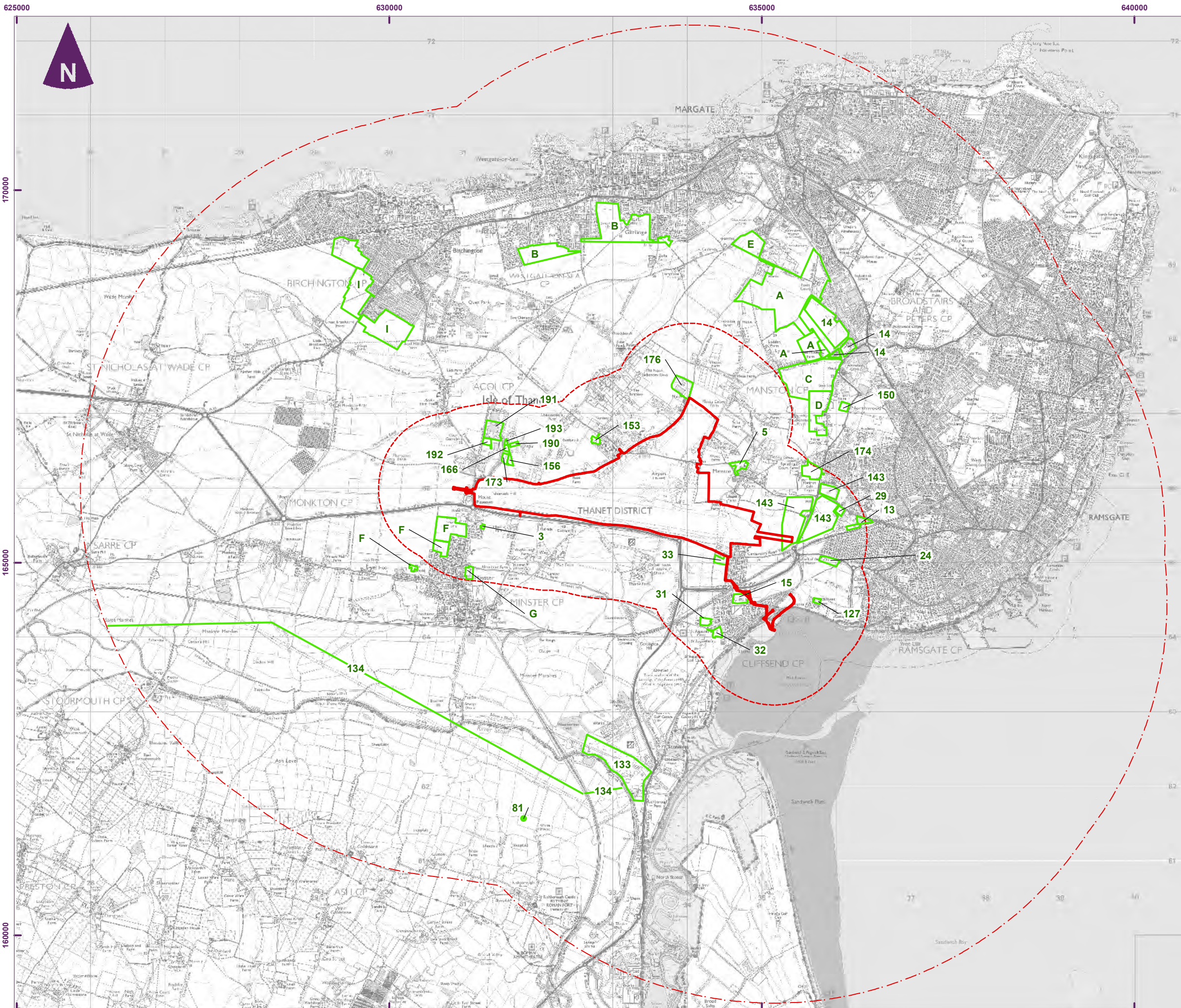
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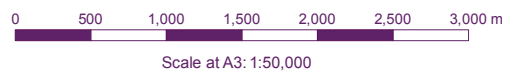
amec
foster
wheeler

Figure 14.9
Locations requiring further
assessment



Key

- Order Limits
- 5km buffer
- 1km buffer
- Short-listed development



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Figure 18.1
Short listed developments

