

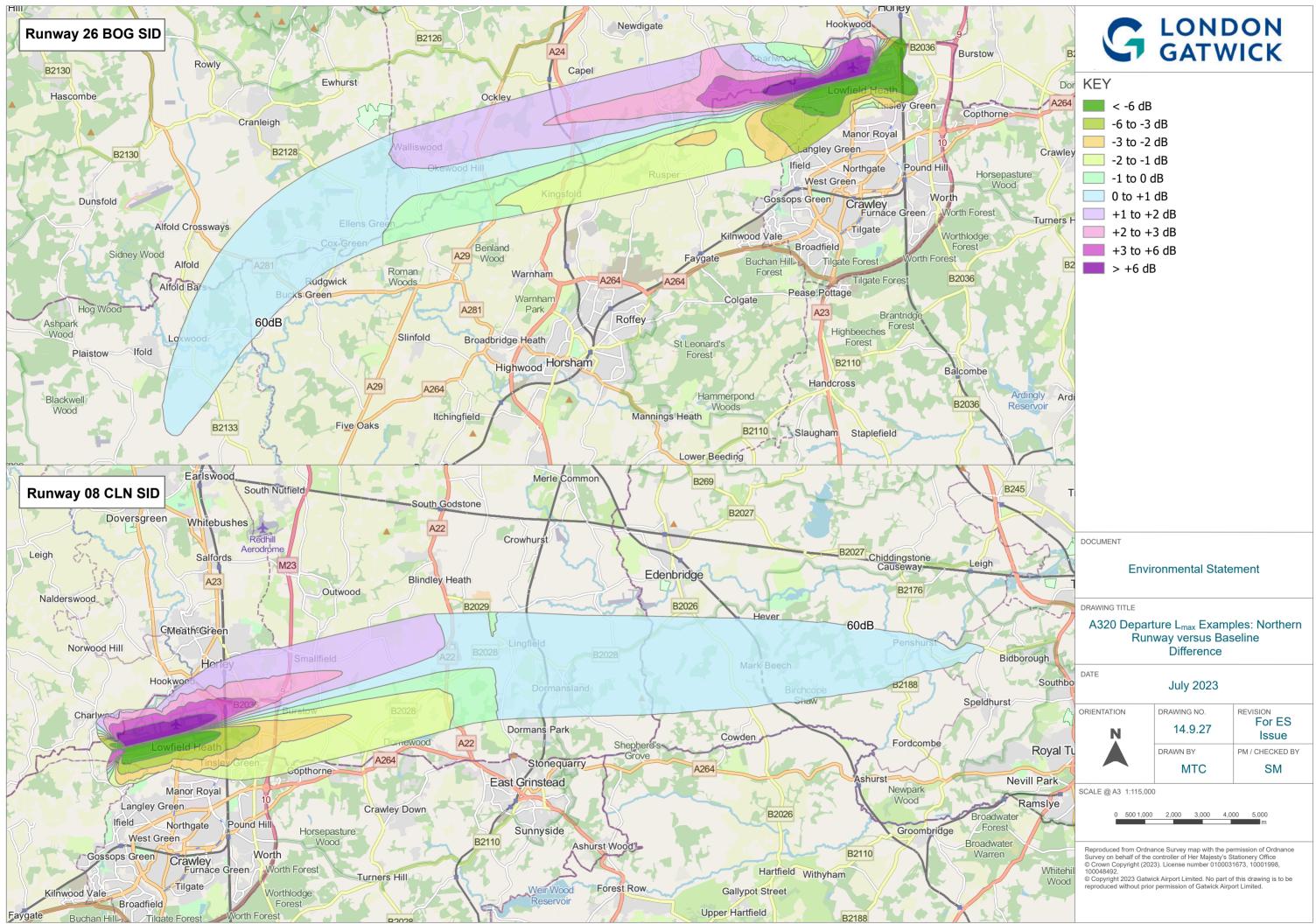
# Gatwick Airport Northern Runway Project

Environmental Statement Noise and Vibration Figures - Part 3

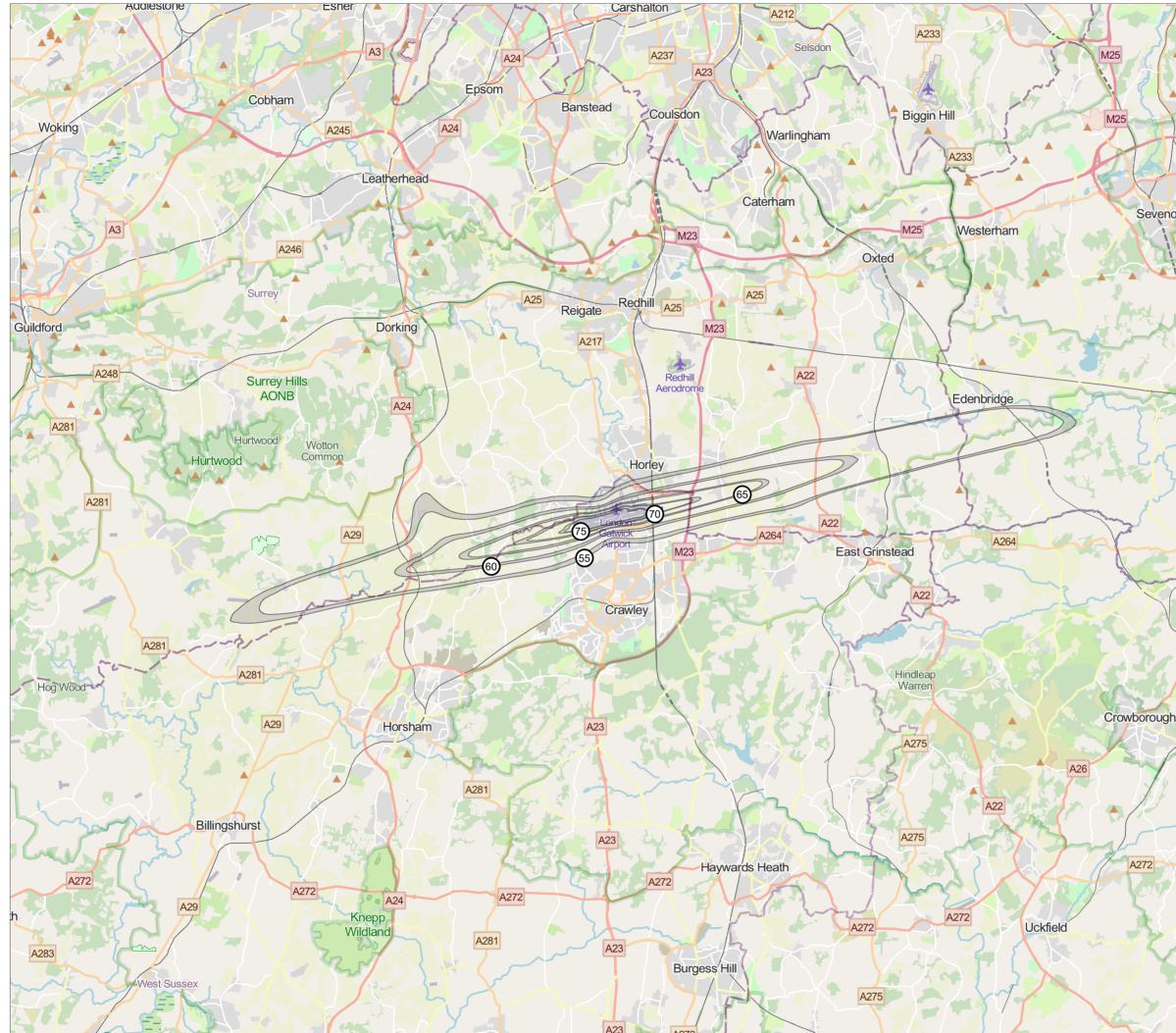
### **Book 5**

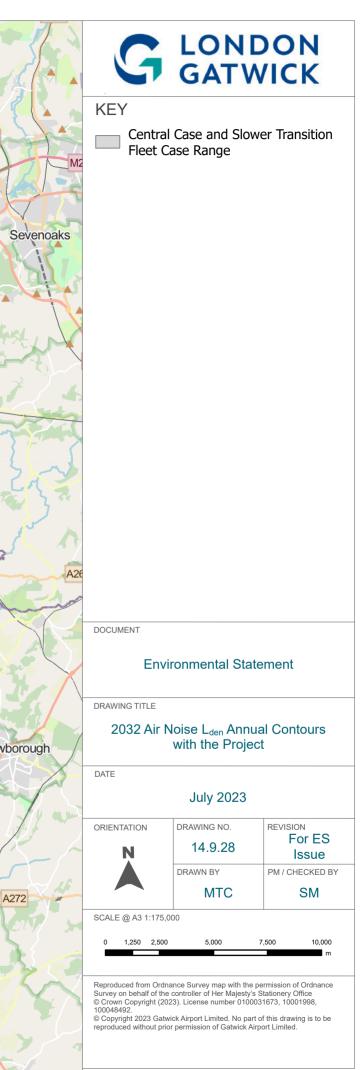
VERSION: 1.0 DATE: JULY 2023 Application Document Ref: 5.2 PINS Reference Number: TR020005

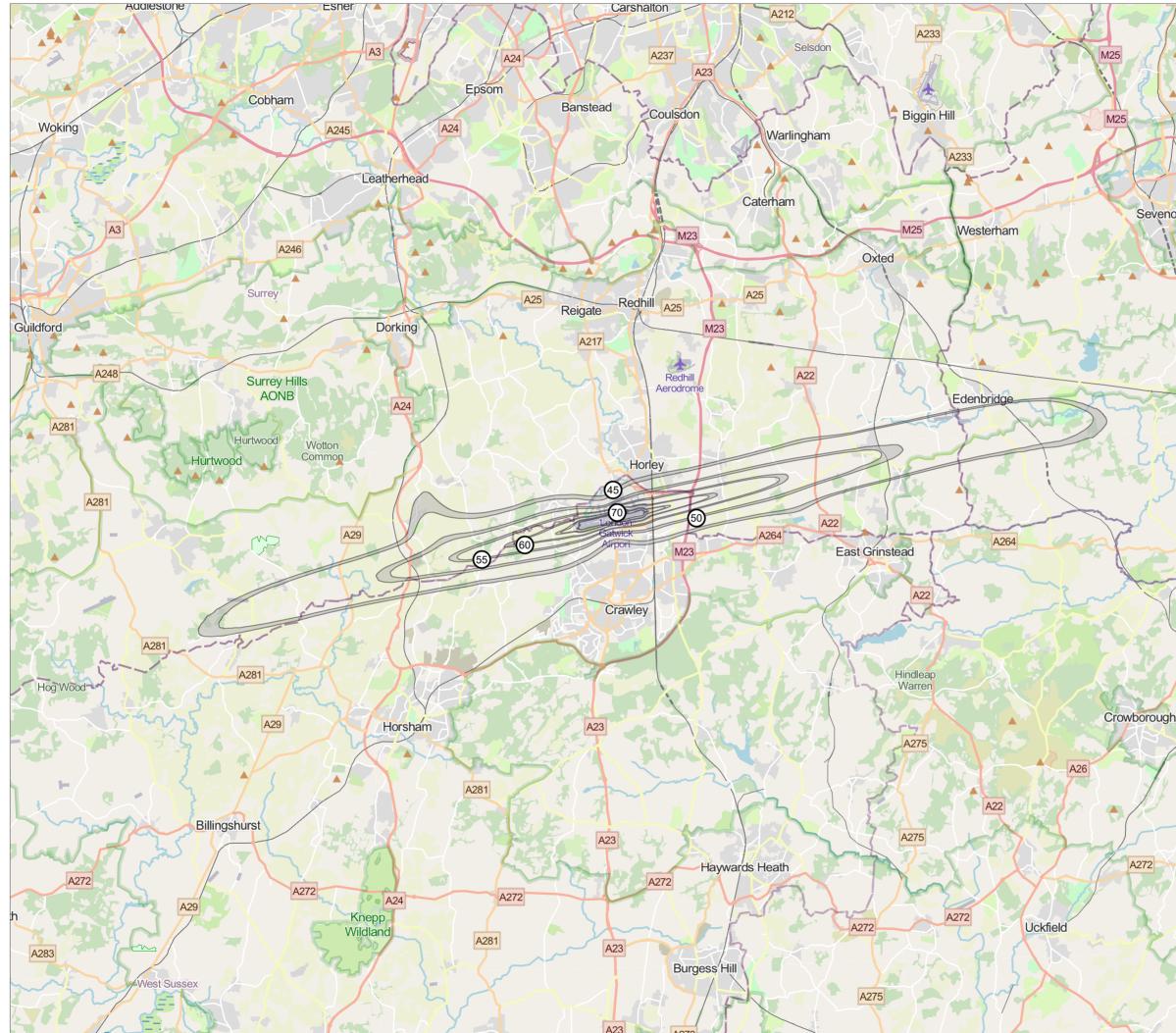
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

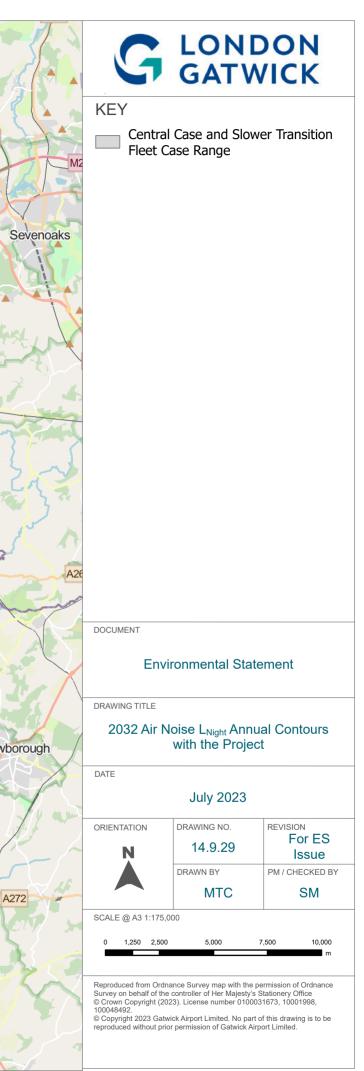


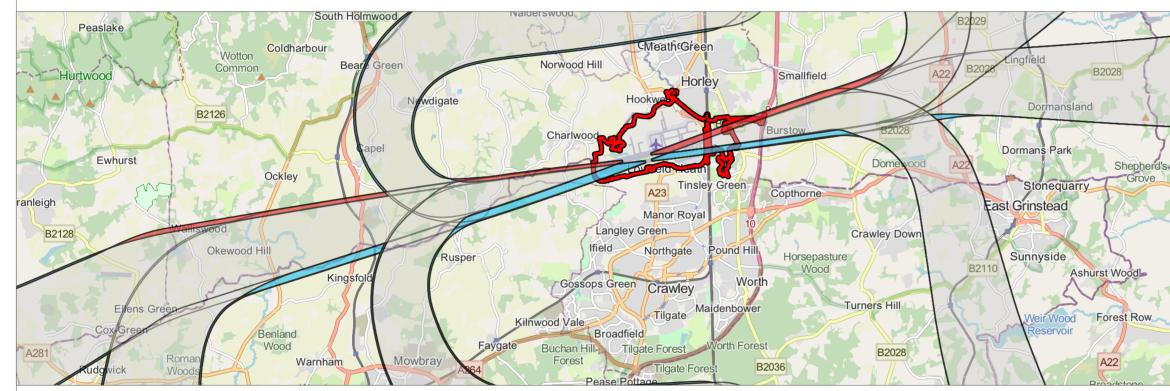
ERM SharePoint: 0591082 - Gatwick Airport Limited Noise Study/Documents/GIS/MAPS/0591082\_Gatwick\_Airport\_Limited\_Noise\_Study\_Air.aprx/0591082 - 14.9.27 - 2032 Air Noise A320 Departures Lmax Examples Northern Runway versus Baseline Difference

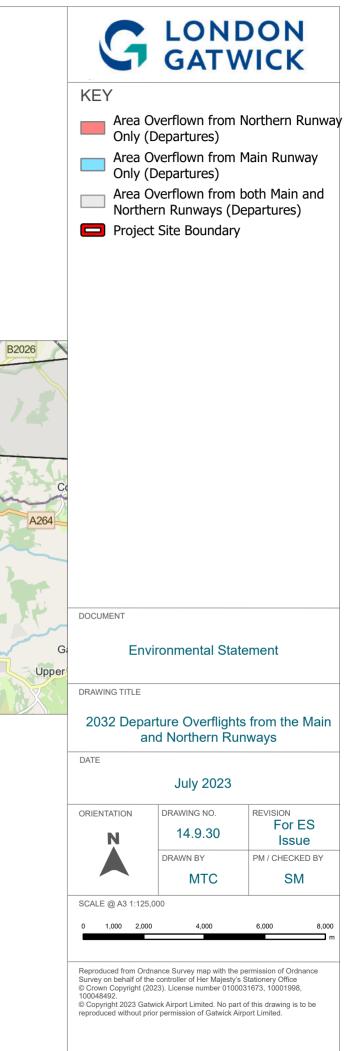


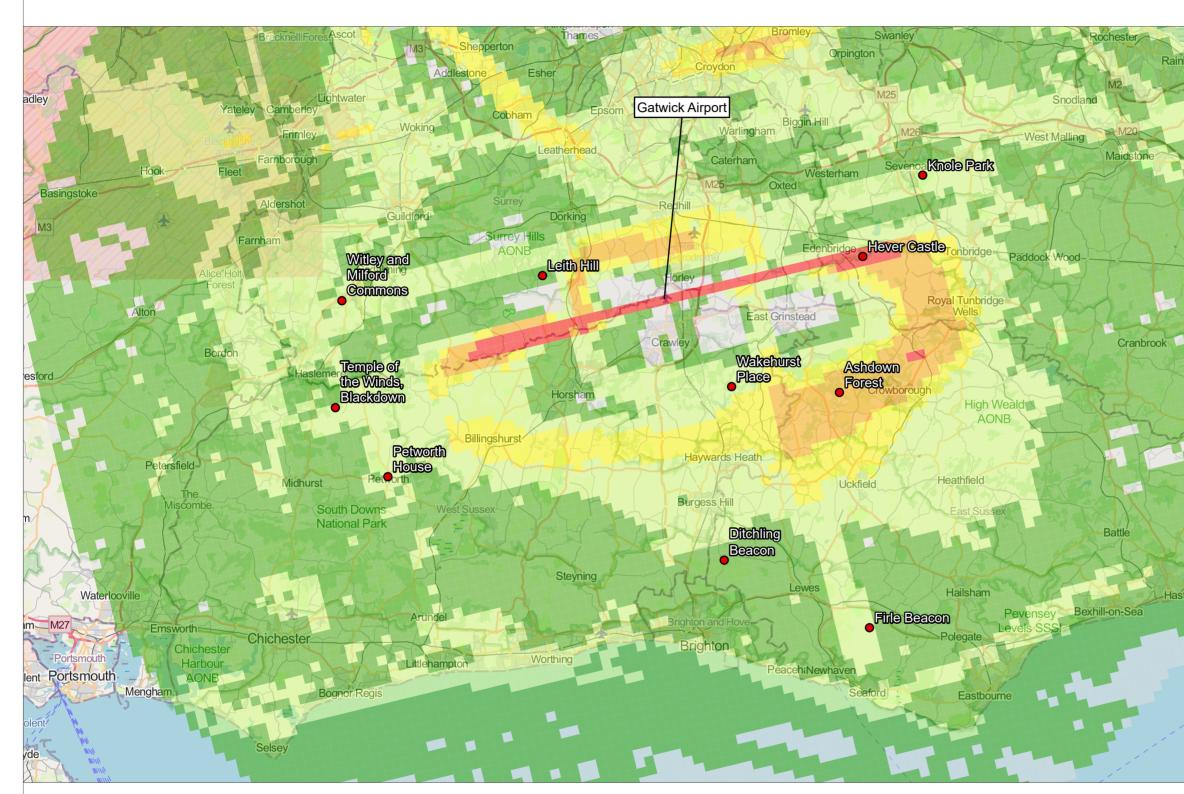




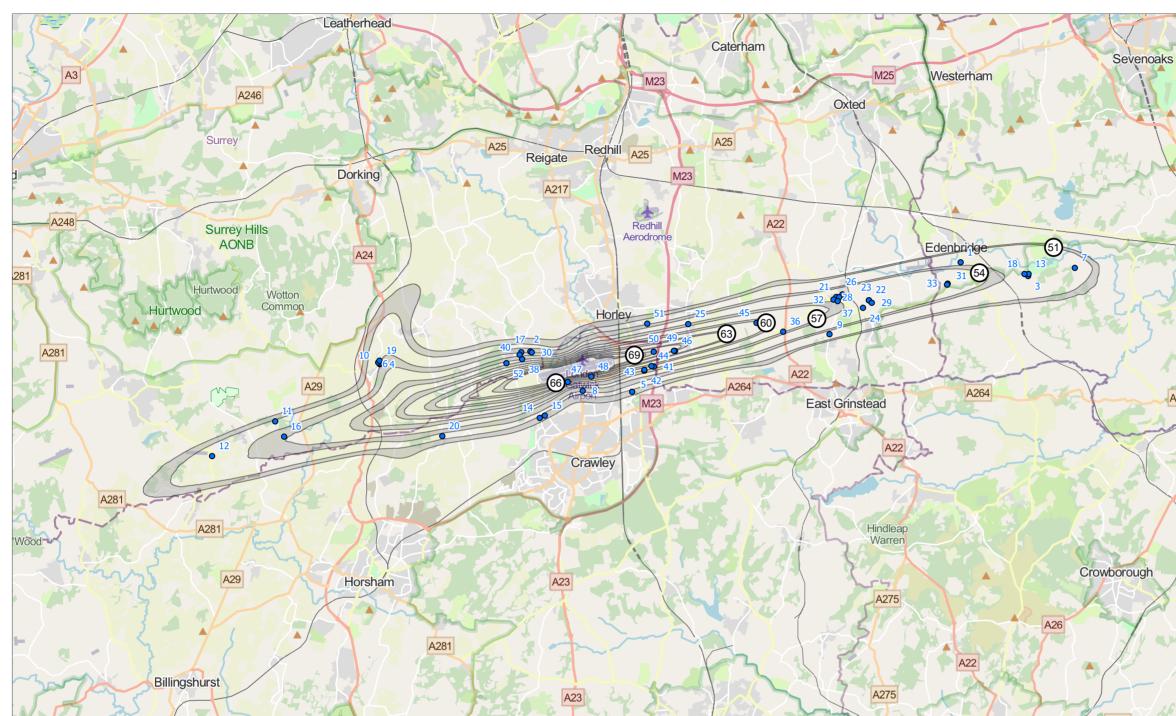








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#### Edenbridge & District War Memorial Hospital A272 1

- Charlwood Village Primary School 2
- Hever Church of England Voluntary Aided Primary School 3
- Scott Broadwood C of E Infant School 4
- 5 Forge Wood Primary School
- 6 Capel Pre School
- Chiddingstone Nursery 7
- Brookfield Day Nursery 8
- The Stables Nursery School 9
- 10 St John the Baptist's Church, Capel
- 11 John the Baptist church, Okewood
- 12 The Ellens Green Memorial Hall
- 13 St Peter's C of E Church
- 14 Gurdwara Sri Guru Singh Sabha Temple
- 15 Gurjar Hindu Union
- 16 Okewood Hill Village Hall
- 17 Parish Hall

429

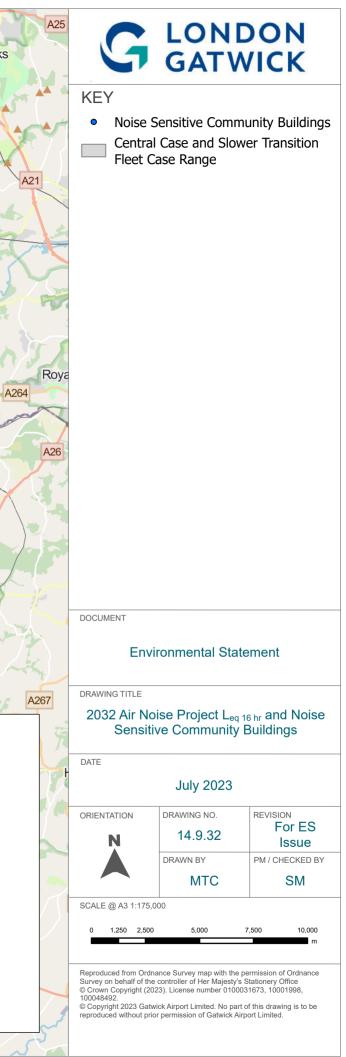
- 18 Hever Village Hall
- Capel Memorial Hall 19
- 20 St Mary Magdalene Church
- 21 Lingfield Primary School
- 22 St Piers School (Young Epilepsy)
- 23 Young Epilepsy (The National Centre for Young People with Epilepsy)
- 24 Lingfield College
- 25 Aurora Redehall School
- Wee One's Day Nursery & Pre School 26
- 27 Marsh Green Pre-school
- 28 St Peter and St Paul's Church
- 29 Chapel (Private) 29
- 30 Providence Chapel
- Kingdom Hall of Jehovah's Witnesses 31
- St Bernard's Church 32
- 33 St John's Church

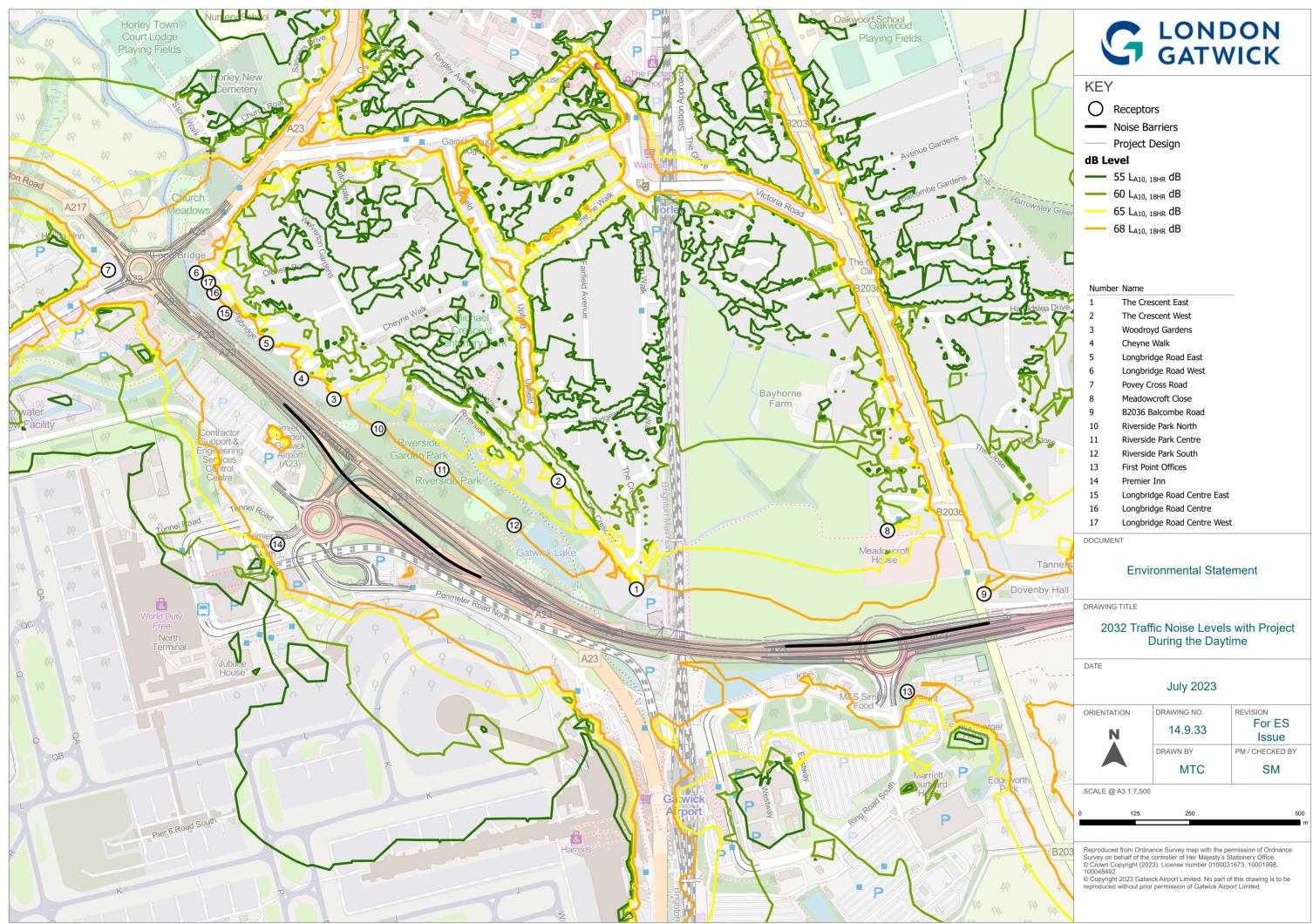
36 The London Temple

- 37 Lingfield & Dormansland Community Centre
- 38 The Chapel
- 40 St Nicholas' Church
- 41 Cranbrook Nursery
- 42 Childcare & Learning Ltd
- Kid Co Ltd 43
- 44 Acorn Cottage Cranbrook Nursery Ltd
- 45 Newchapel Hall
- 46 The Little House Montessori
- 47 Charlwood House Day Nursery
- 48 St Michael and All Angels' Church
- St Bartholomew C of E Church Rectory 49

- 50 Touchwood Chapel
- 51 Thunderfield Castle Site
- 52 Lowfield Heath Windmill

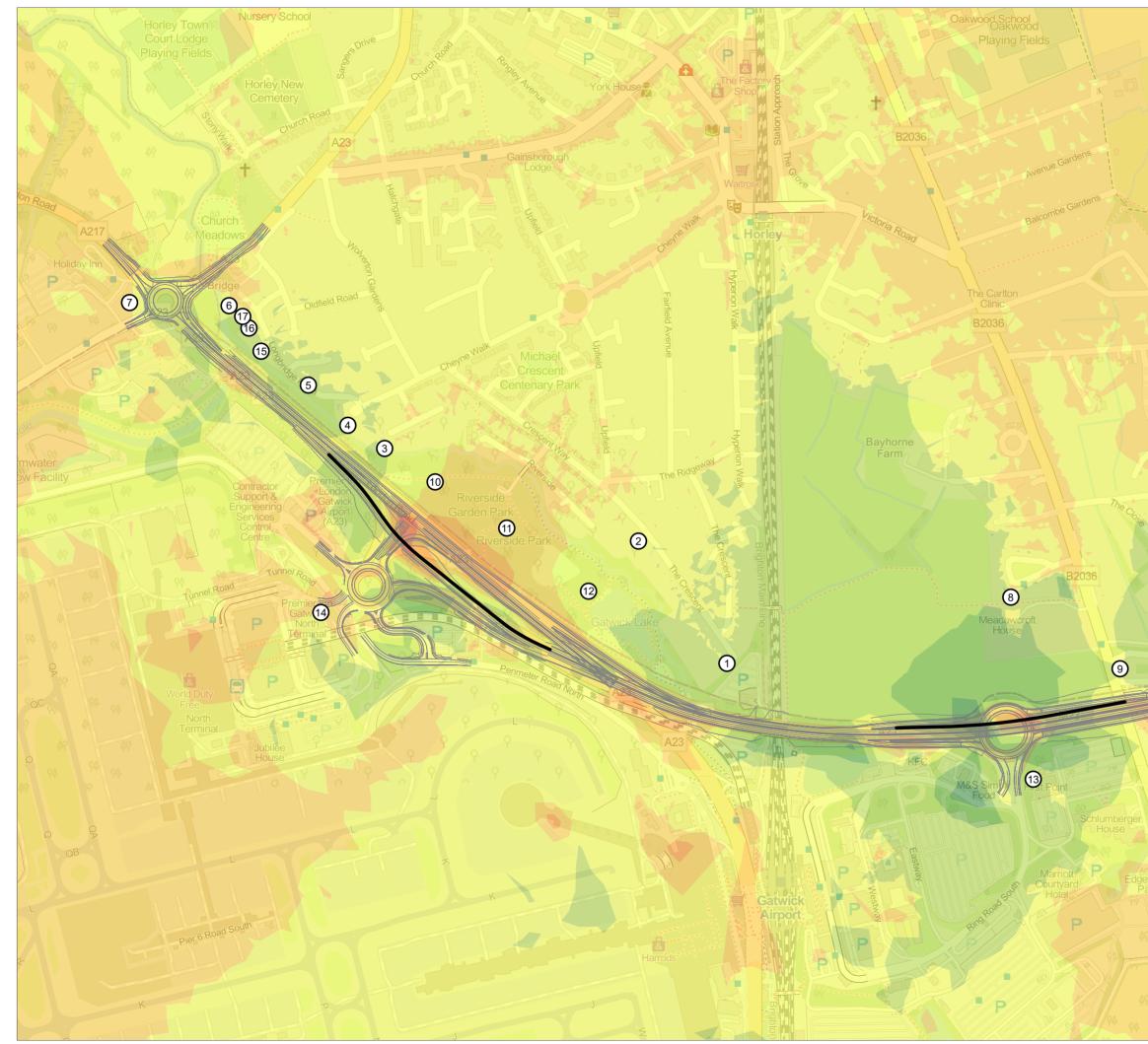
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ERM SharePoint: 0591082 - Gatwick Airport Limited Noise Study/Documents/GIS/MAPS/0591082\_Gatwick\_Airport\_Limited\_Noise\_Study\_Noise.aprx/0591082 - 14.9.33 - 2032 Traffic Noise Levels with Project During the Daytime

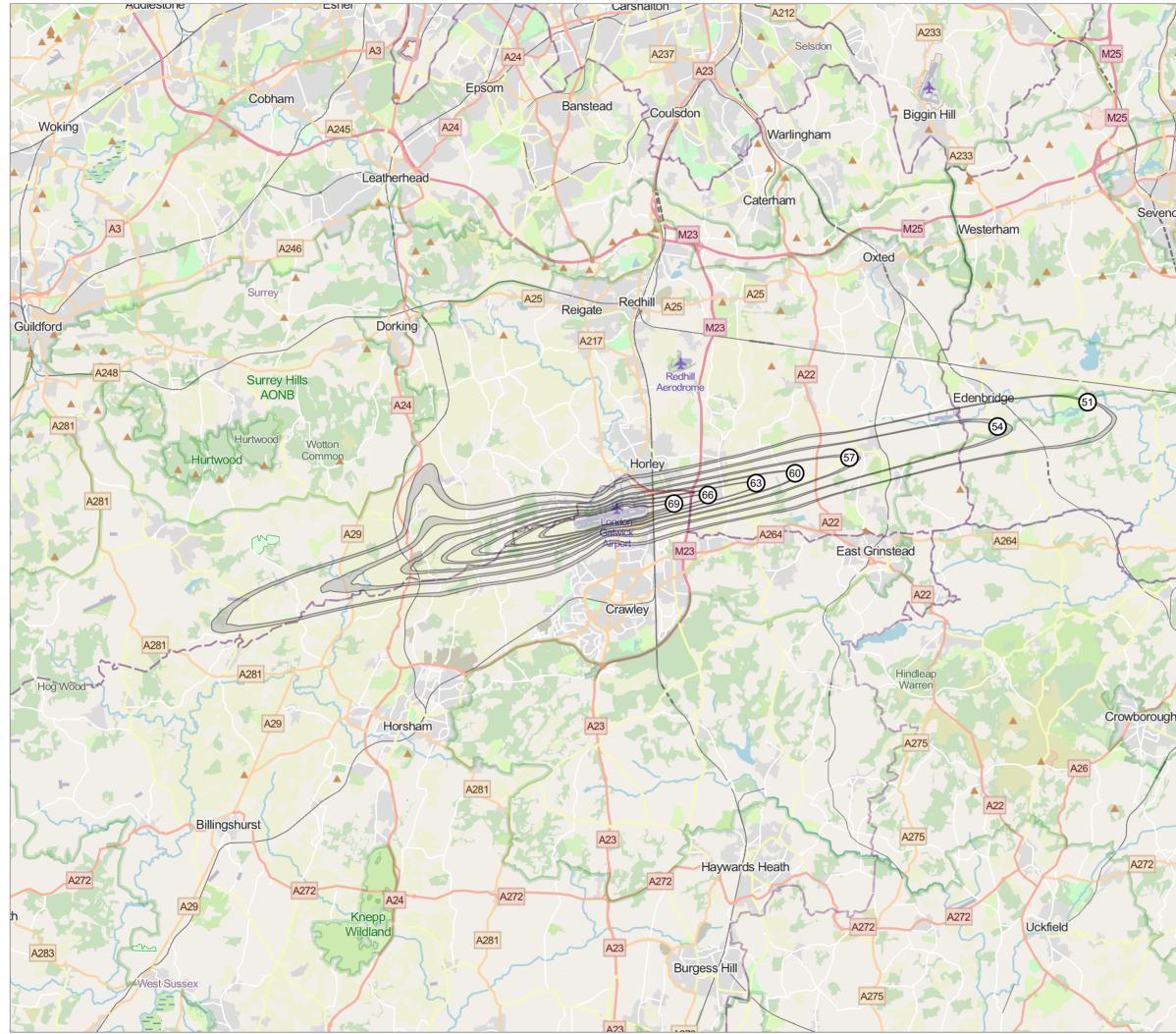


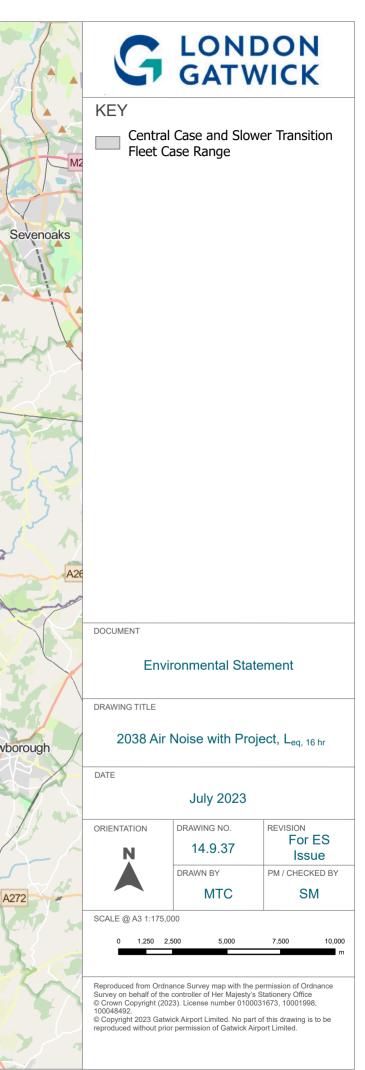


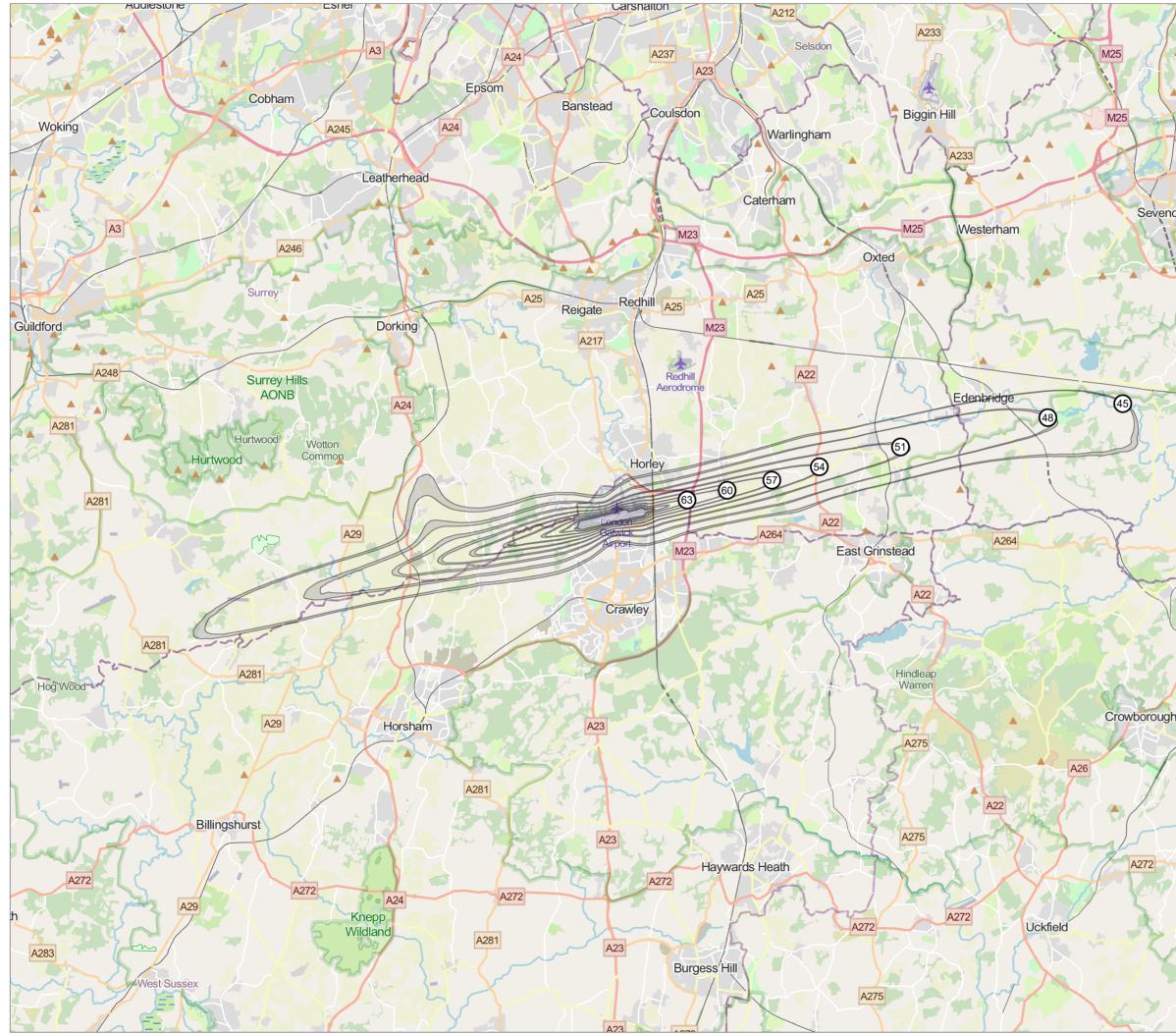
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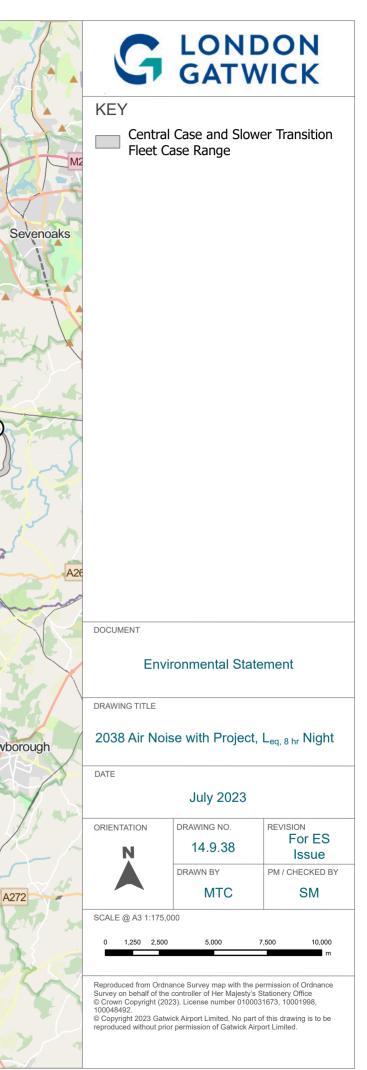


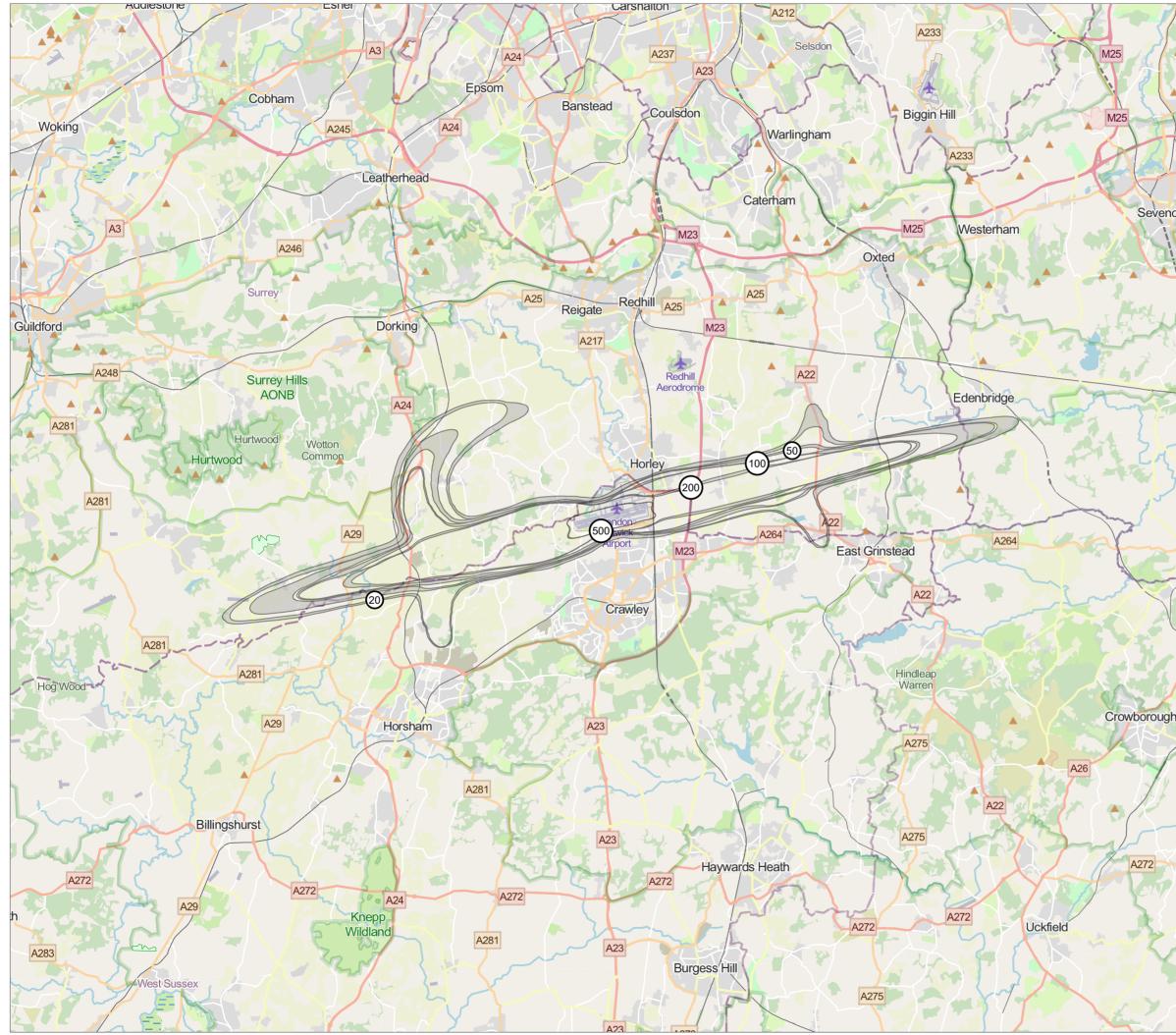
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$\sum$	KEY C Receptor Noise Ba Project D	rriers					
owsley Greer	Noise Level C           ≤ -5           -5 to - 3           -3 to -1           -1 to 0	Change (dB):	0 to 1 1 to 3 3 to 5 ≥5				
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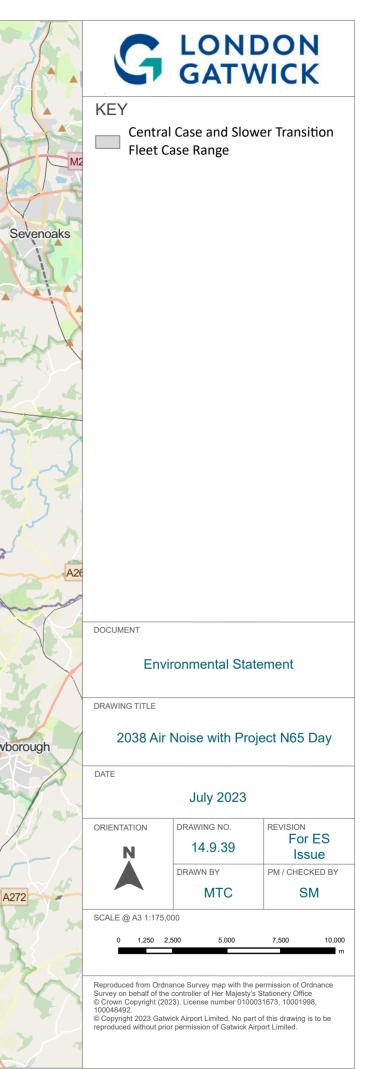


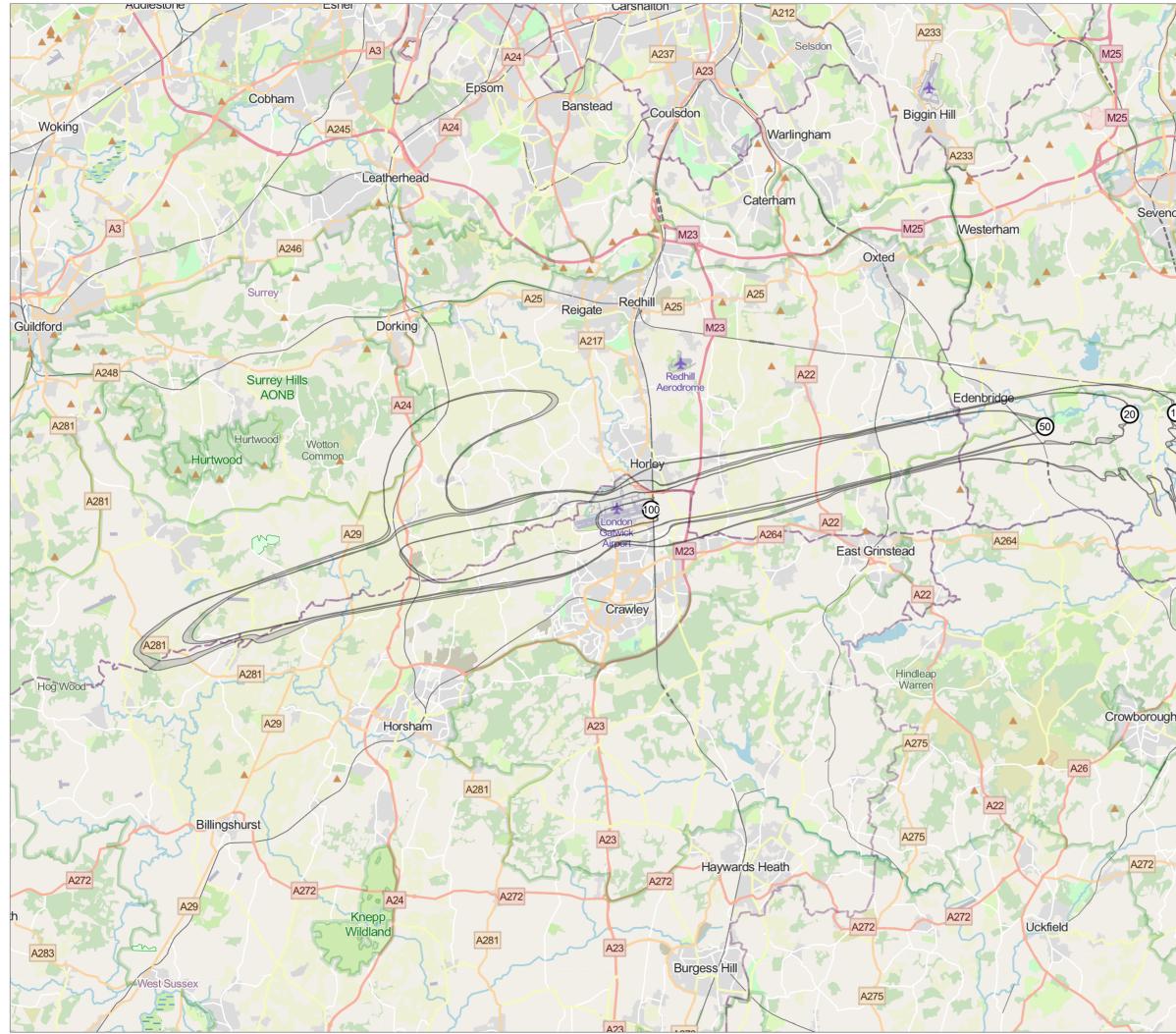




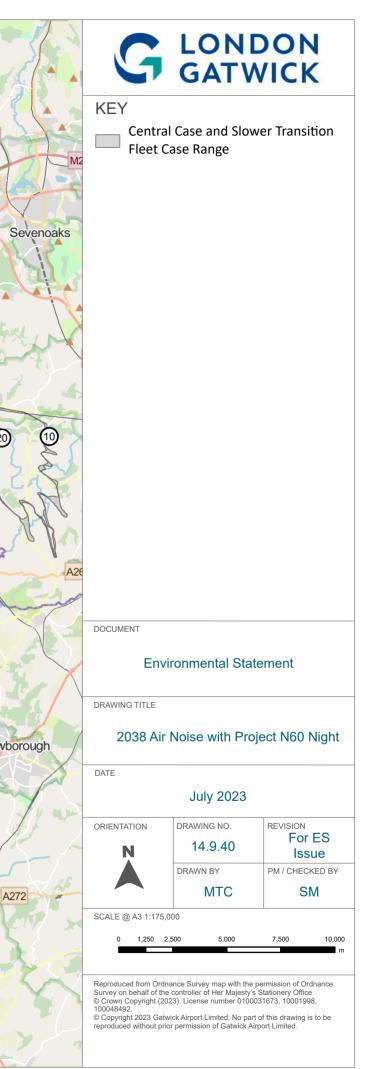


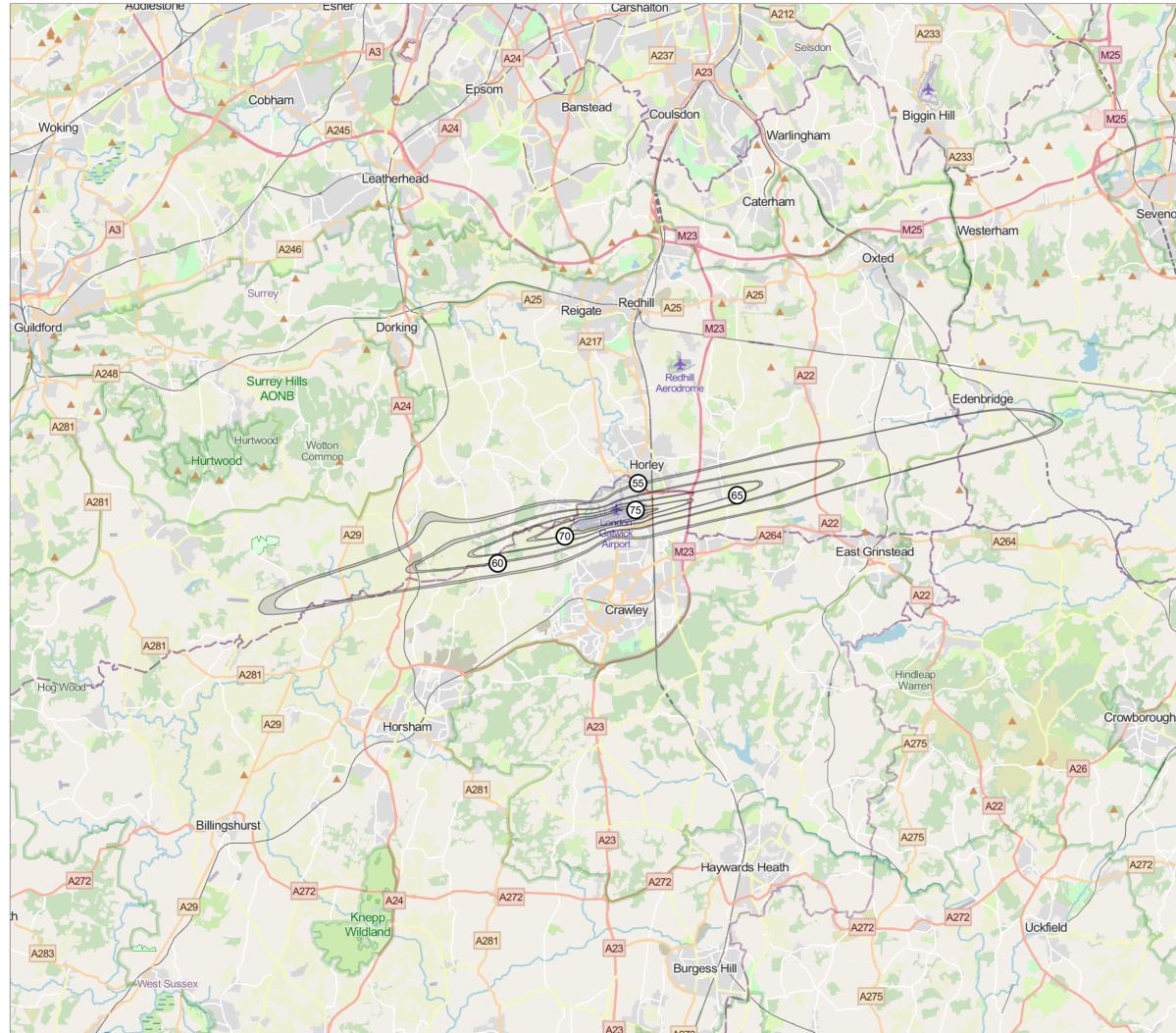


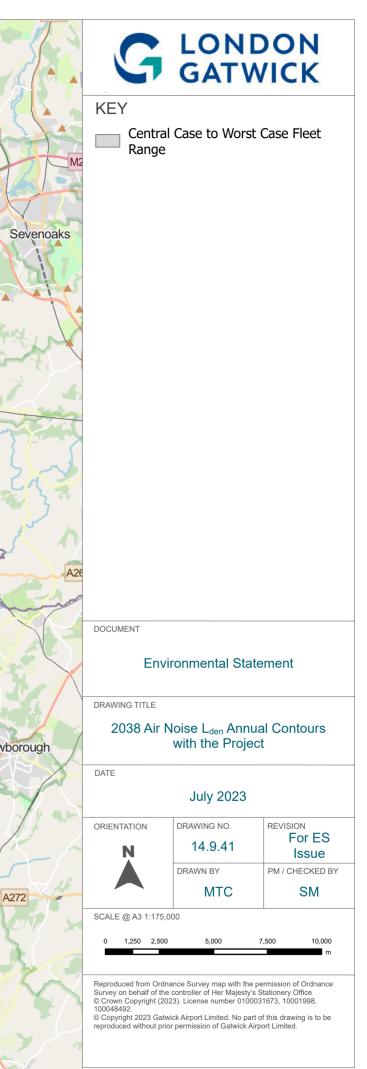


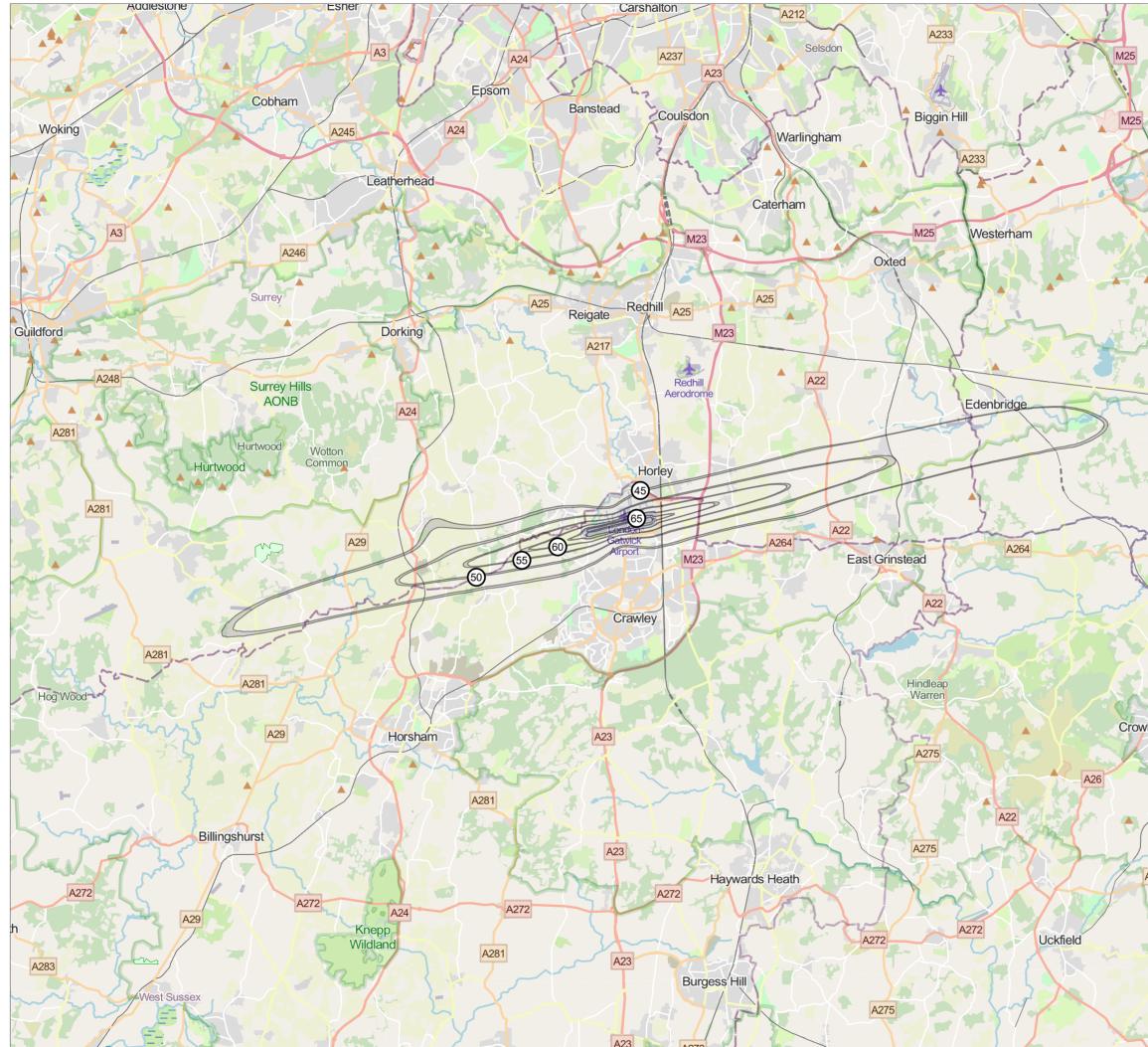


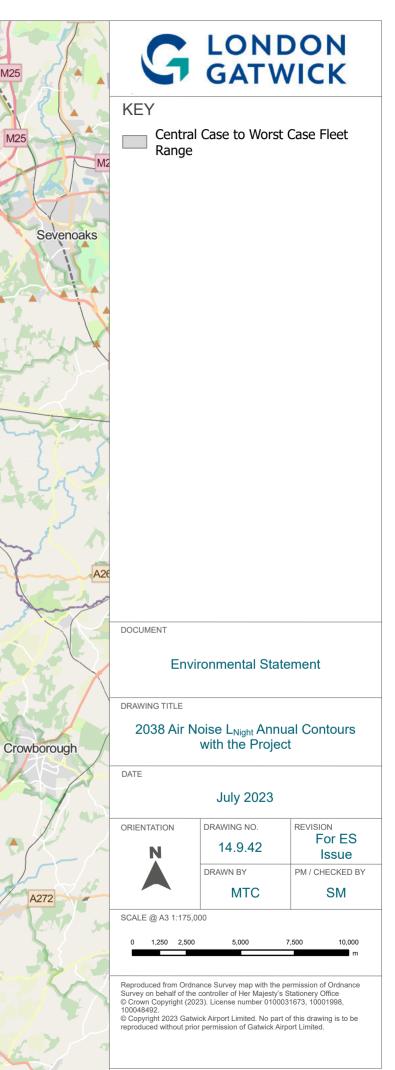
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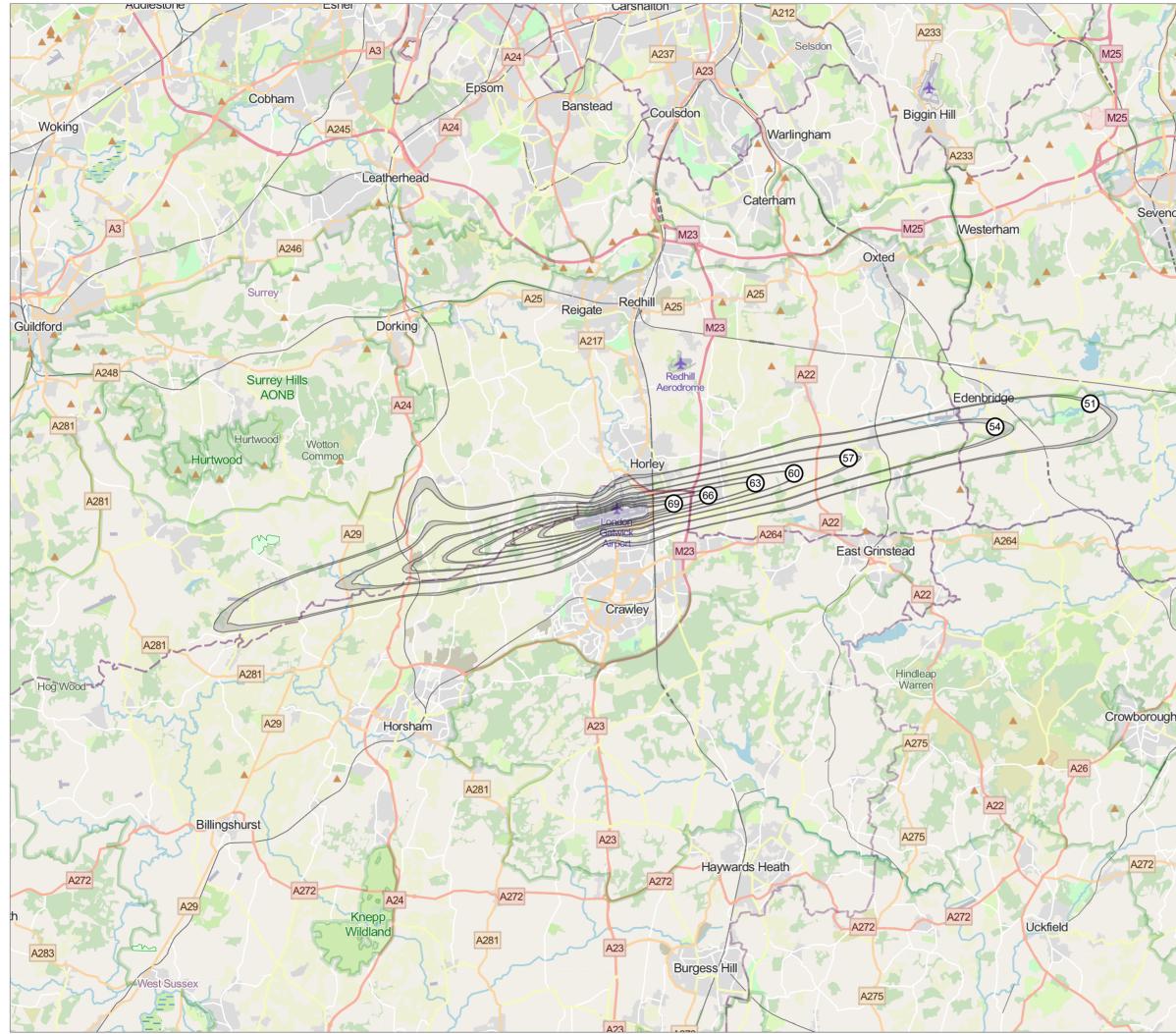


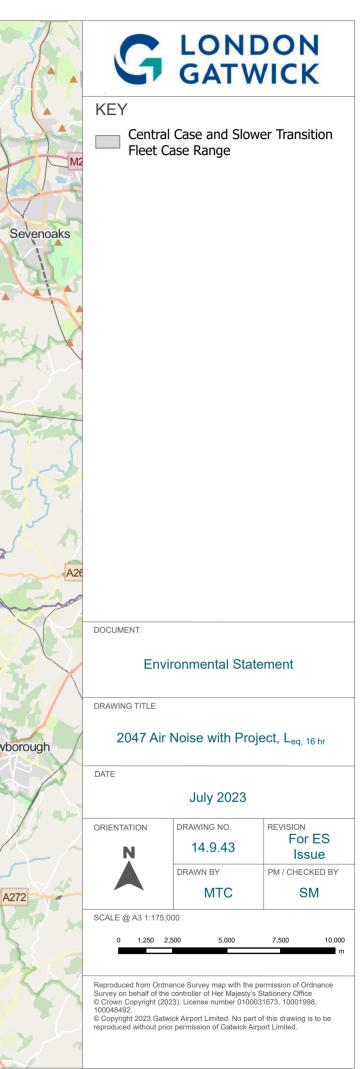


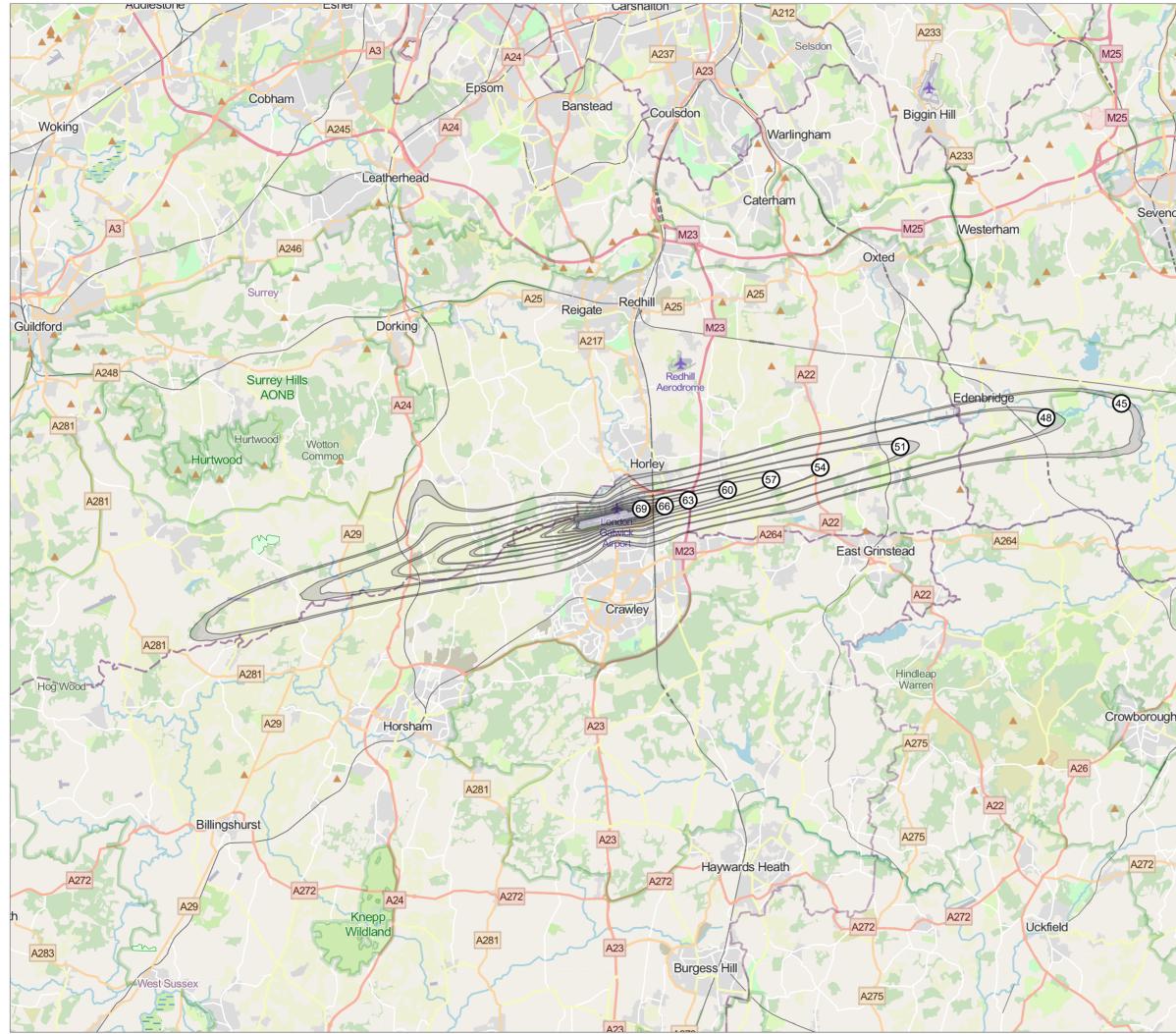


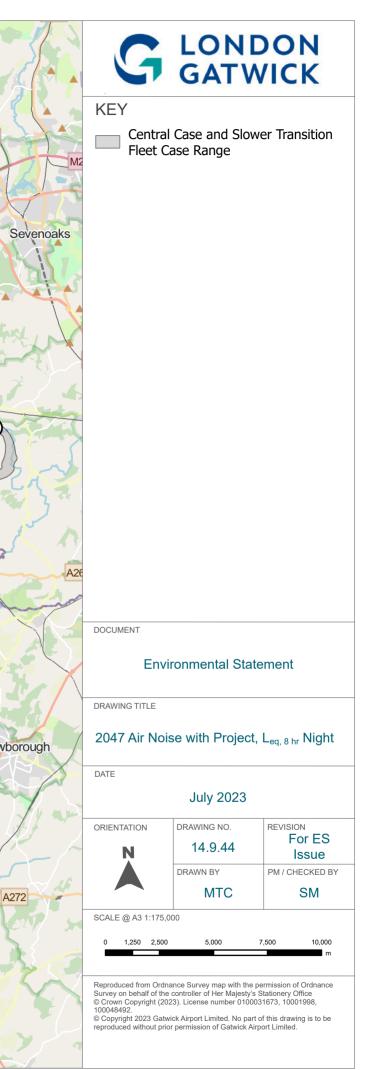


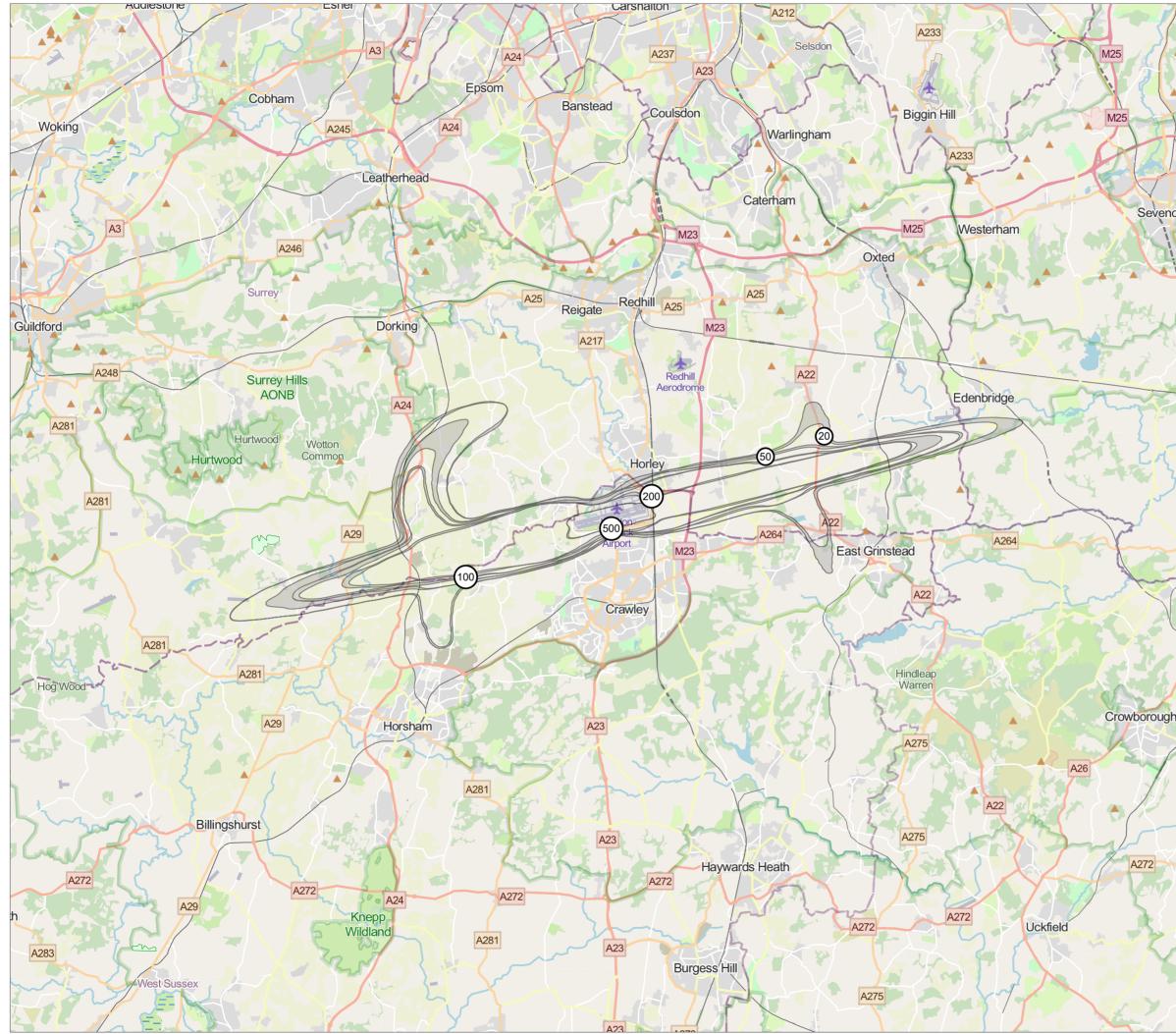


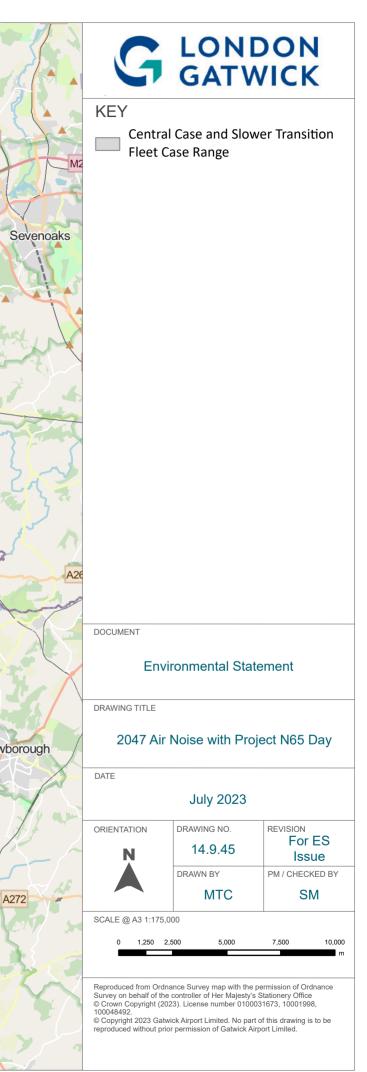


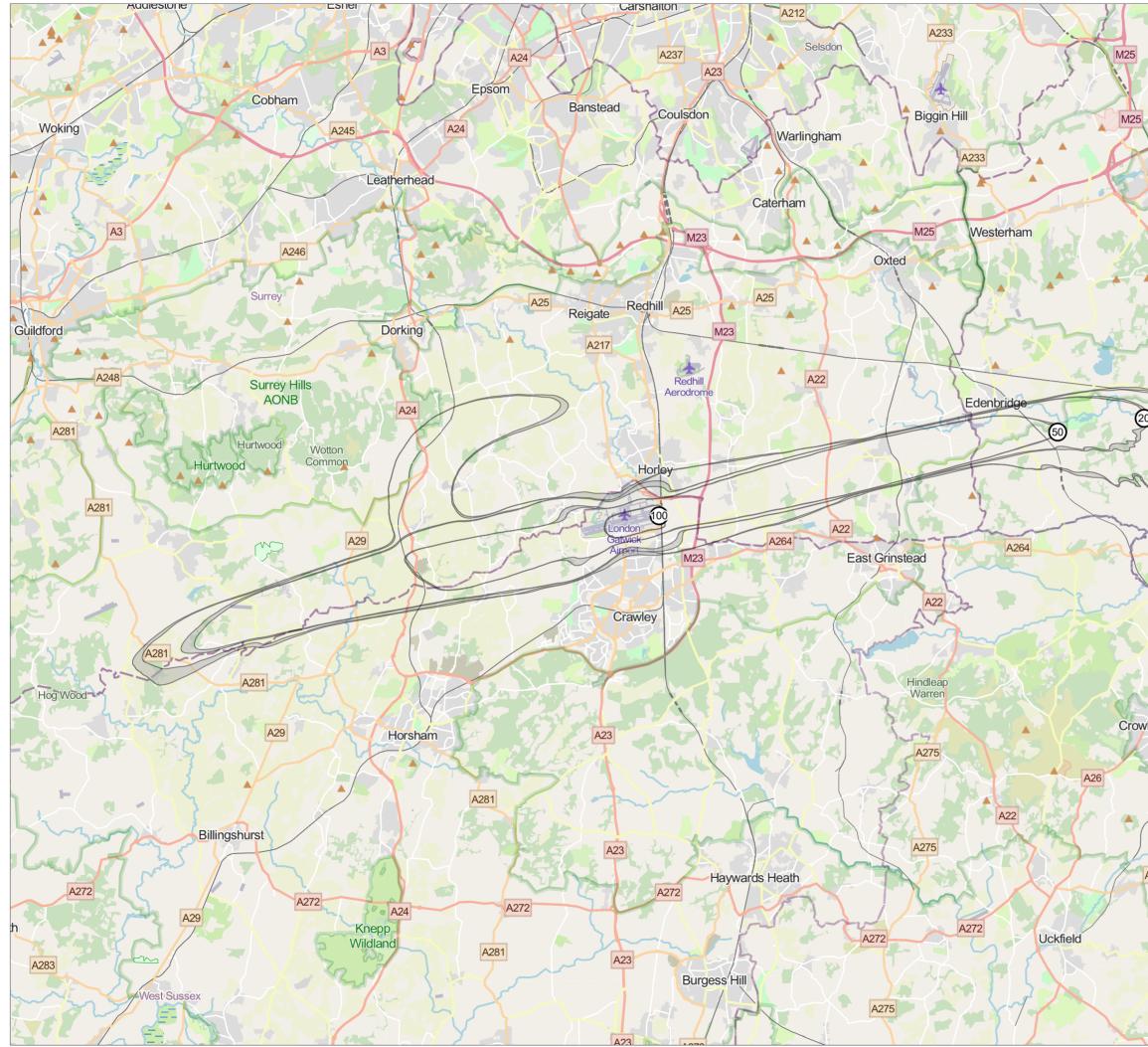




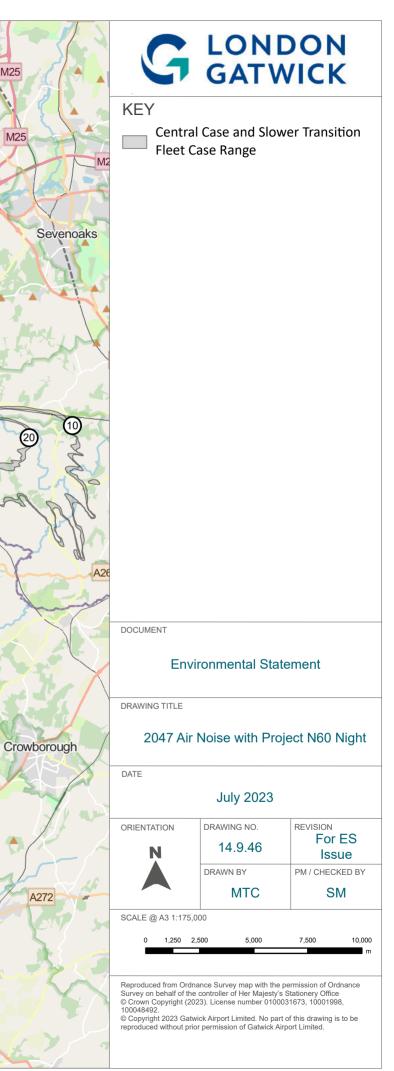


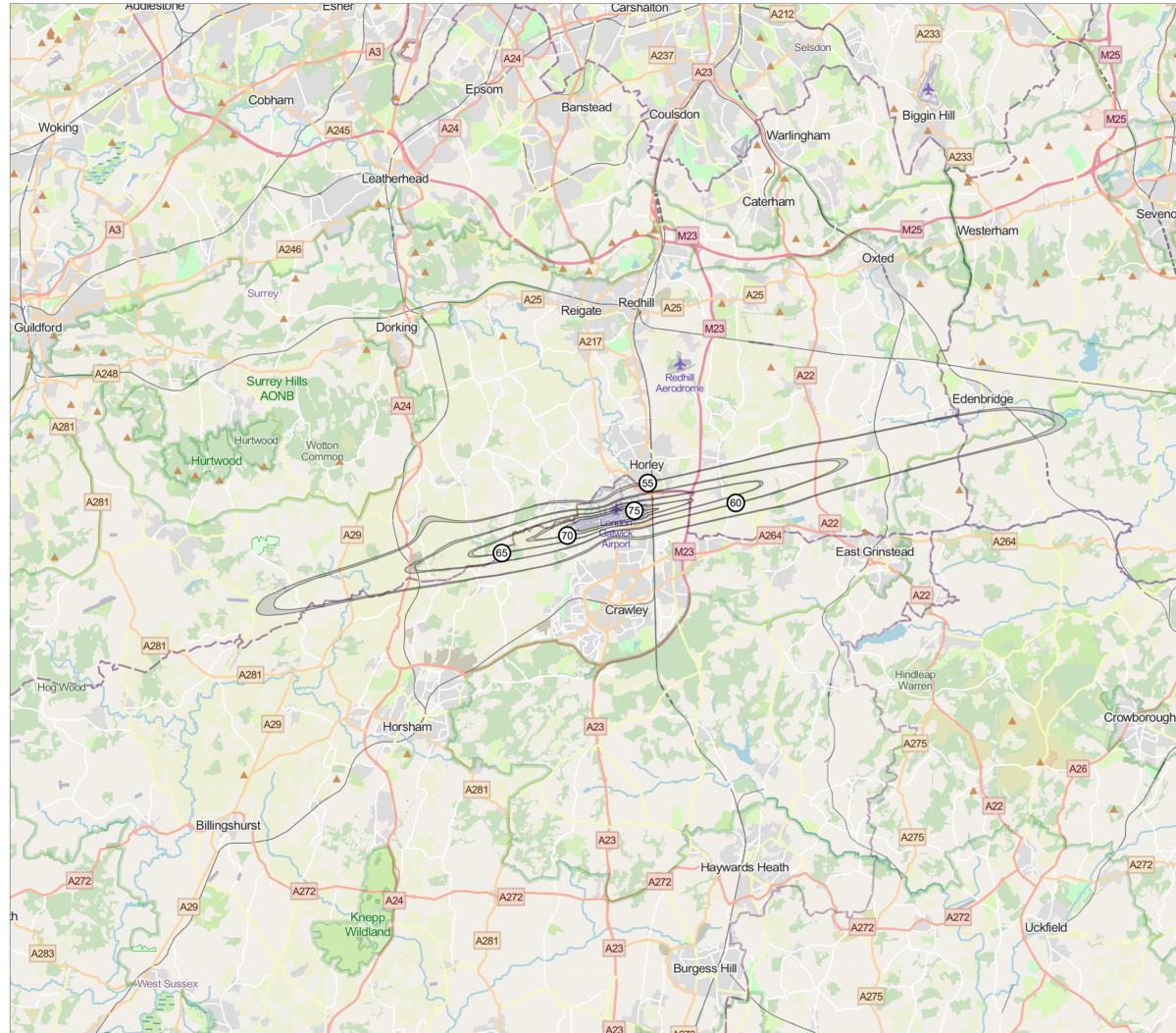


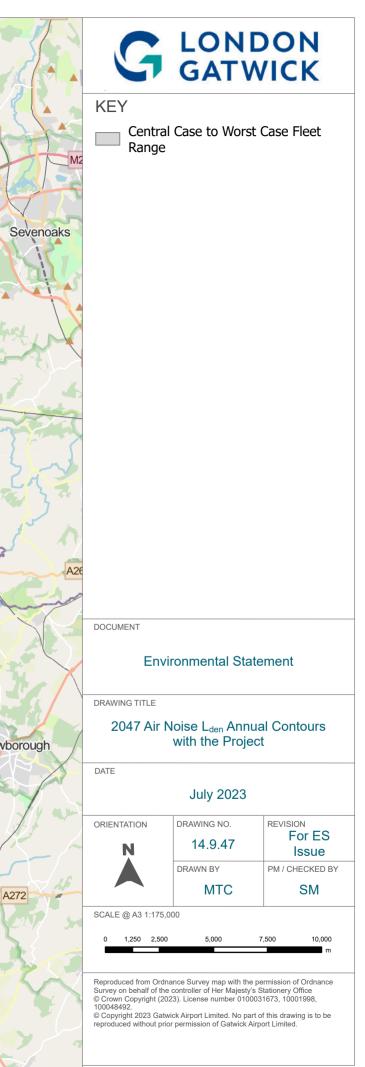


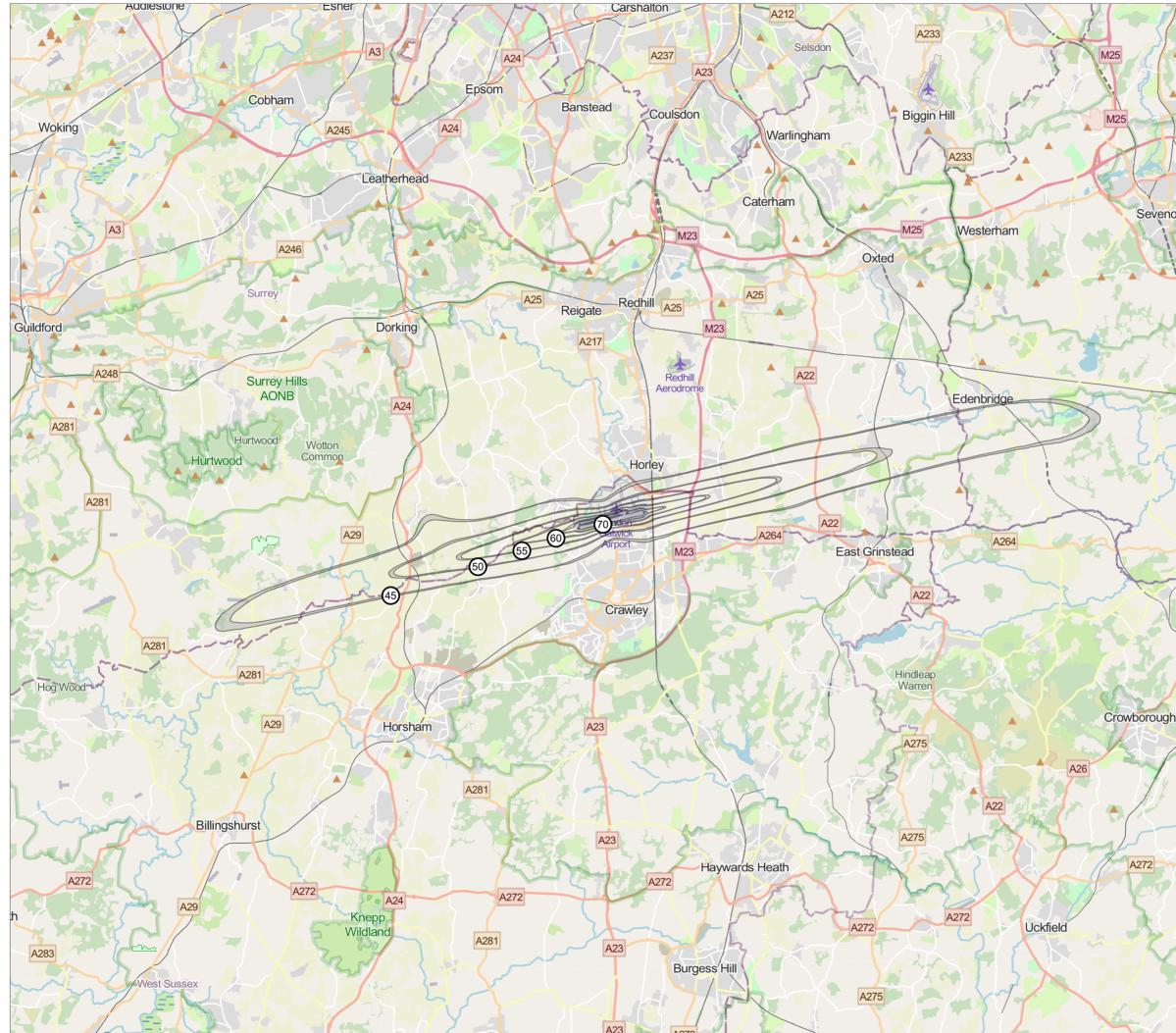


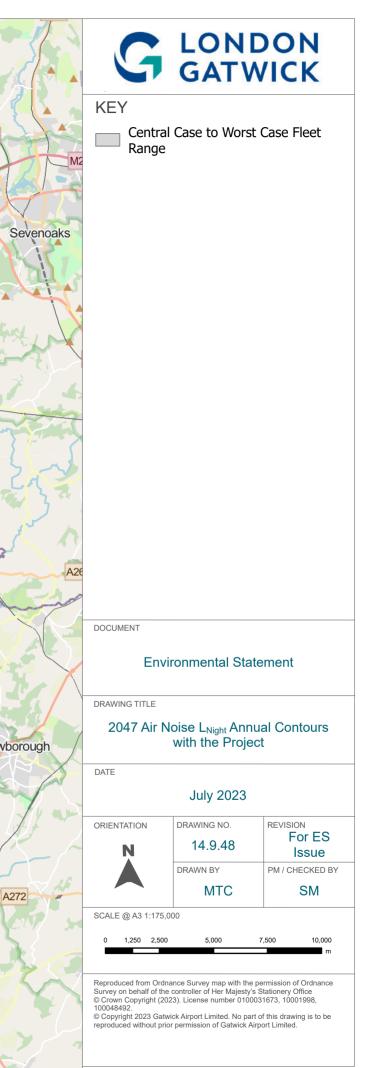
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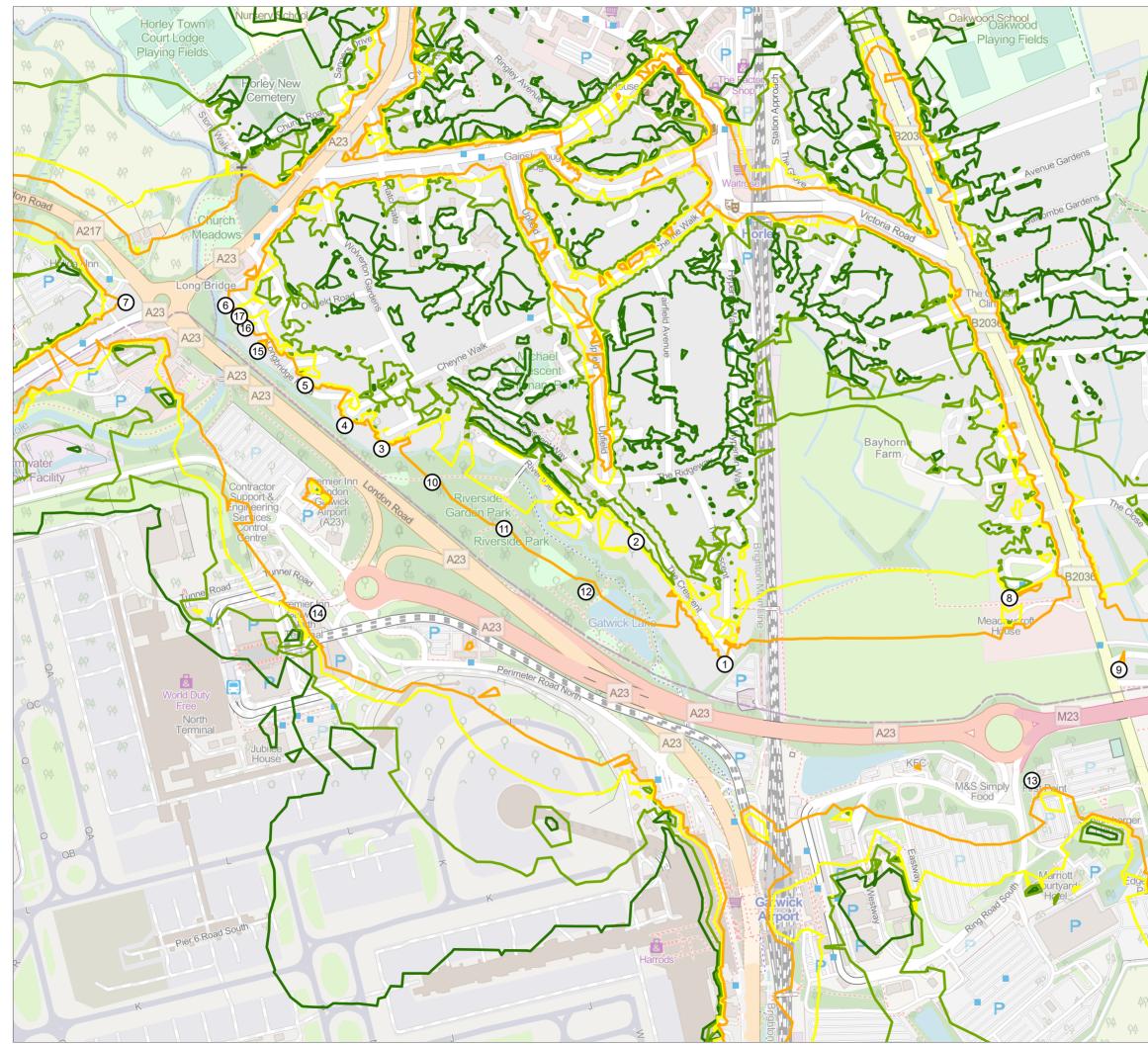






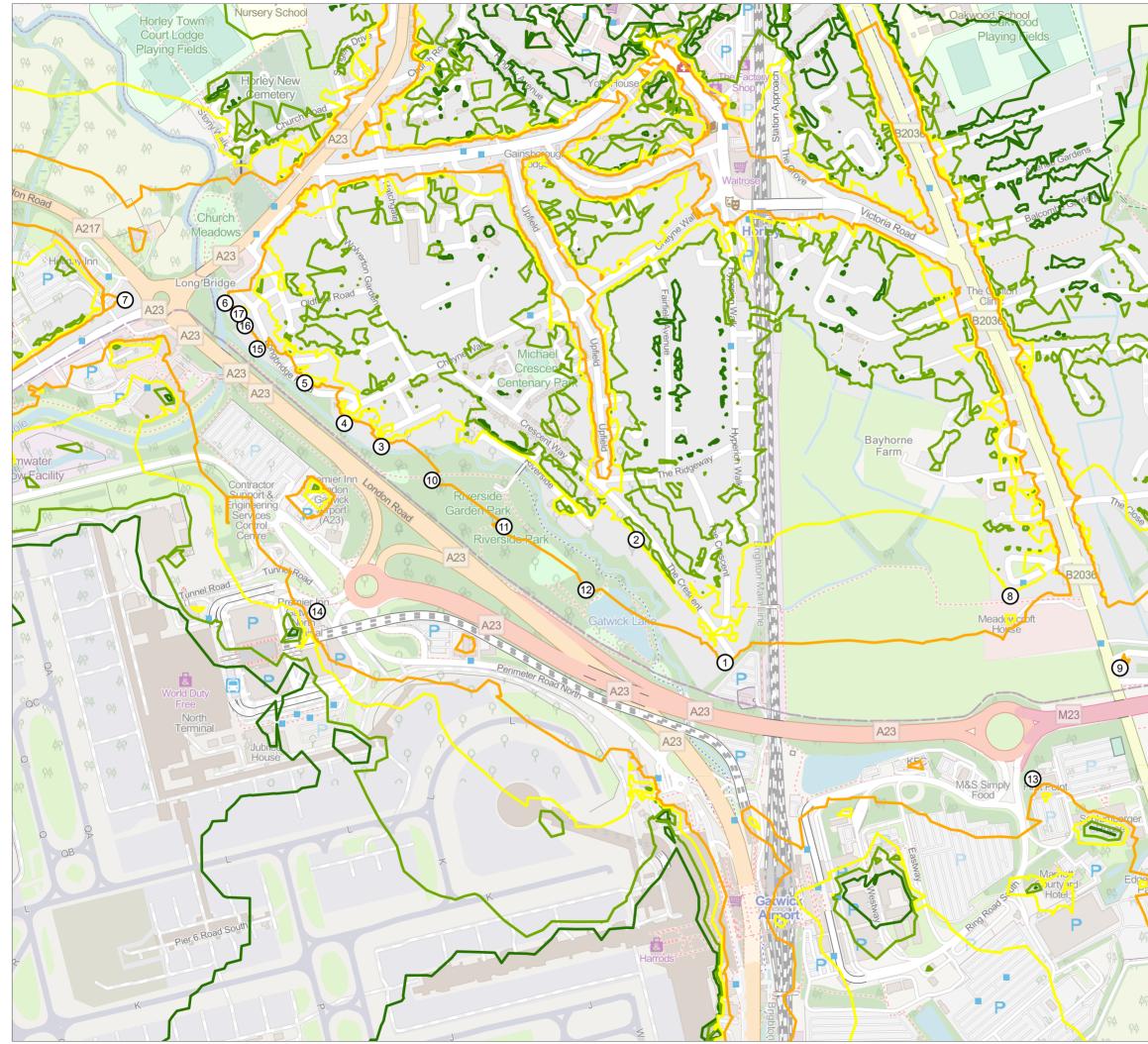




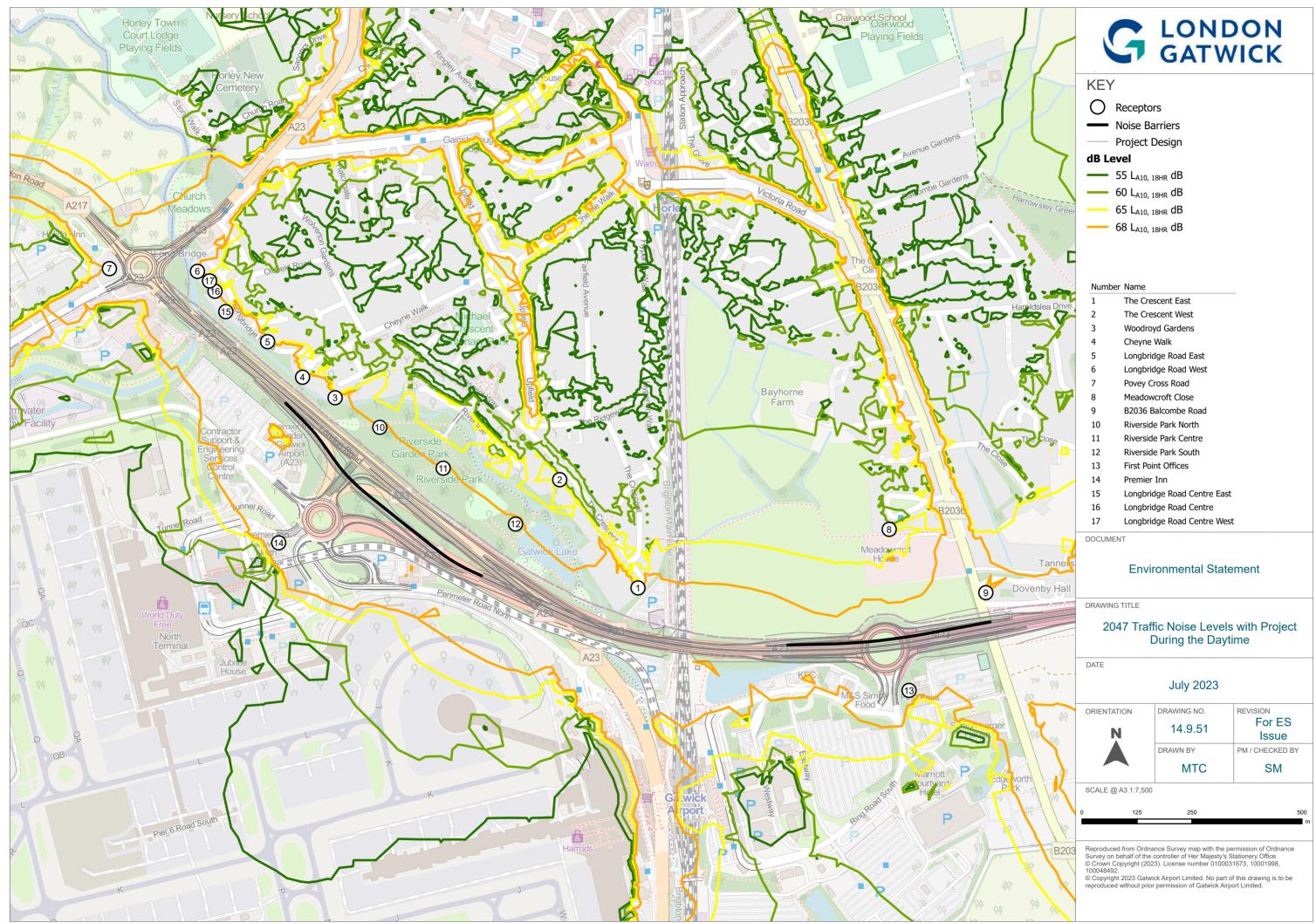


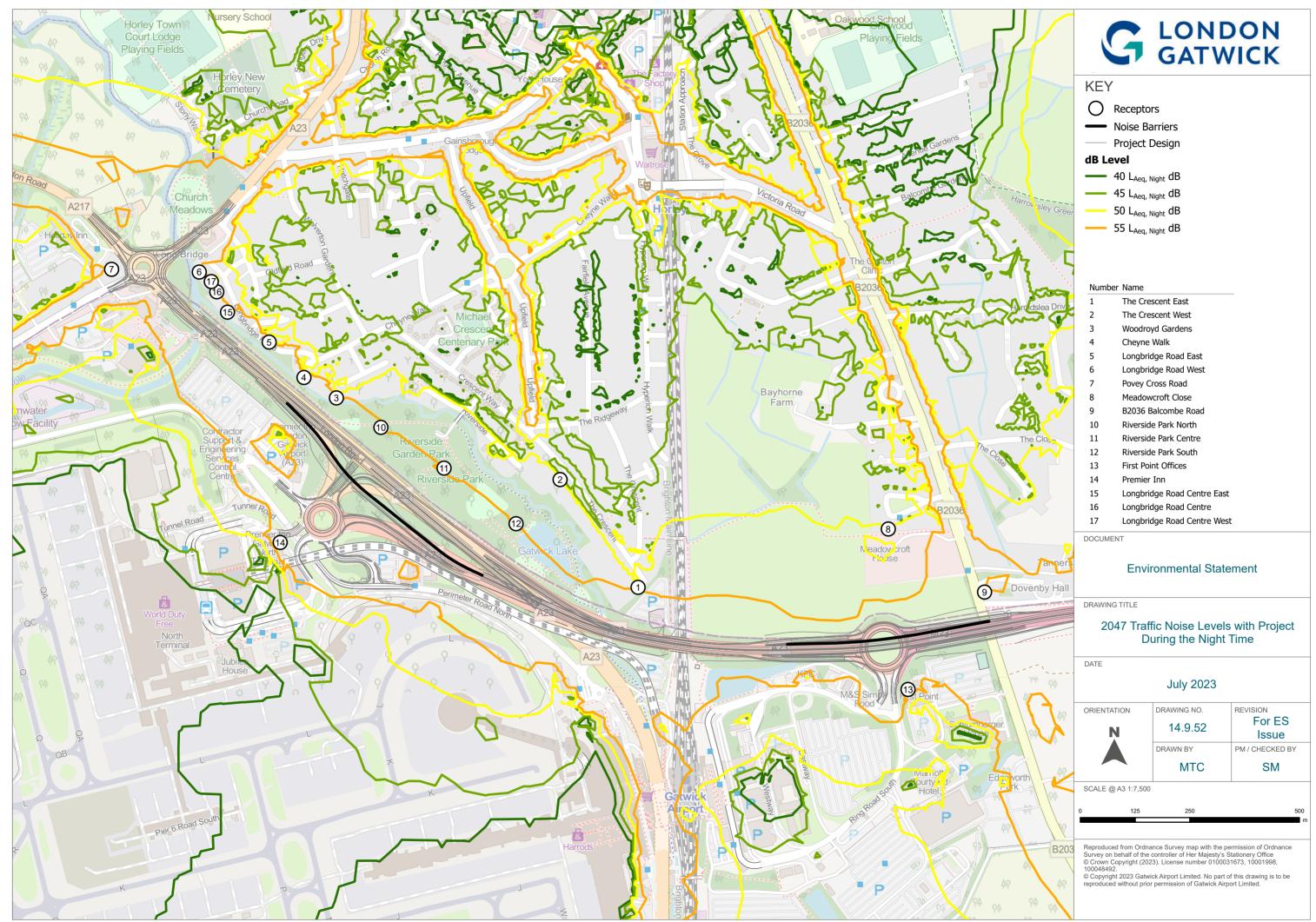
ERM SharePoint: 0591082 - Gatwick Airport Limited Noise Study/Documents/GIS/MAPS/0591082\_Gatwick\_Airport\_Limited\_Noise\_Study\_Noise.aprx/0591082 - 14.9.49 - 2047 Road Traffic Noise, Business as Usual Daytime

4/	G	LONE GATW	DON /ICK
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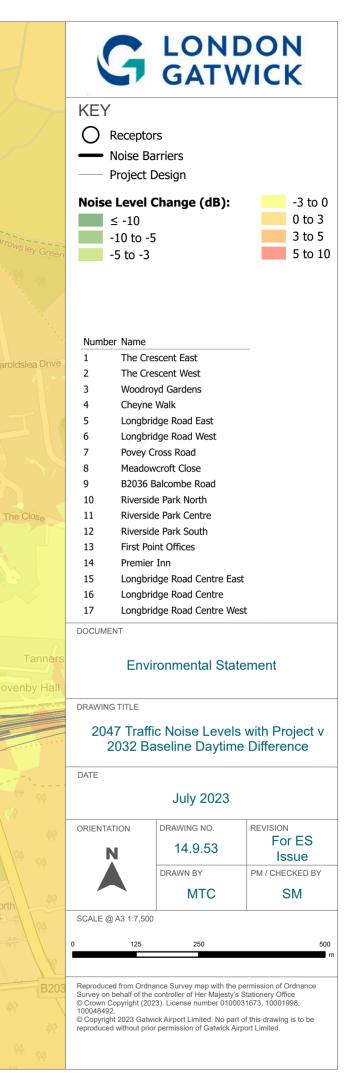
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Harro vsley Green	<ul> <li>Receptors</li> <li>dB Level</li> <li>40 L<sub>Aeq, Night</sub> dB</li> <li>45 L<sub>Aeq, Night</sub> dB</li> <li>50 L<sub>Aeq, Night</sub> dB</li> <li>55 L<sub>Aeq, Night</sub> dB</li> </ul>					
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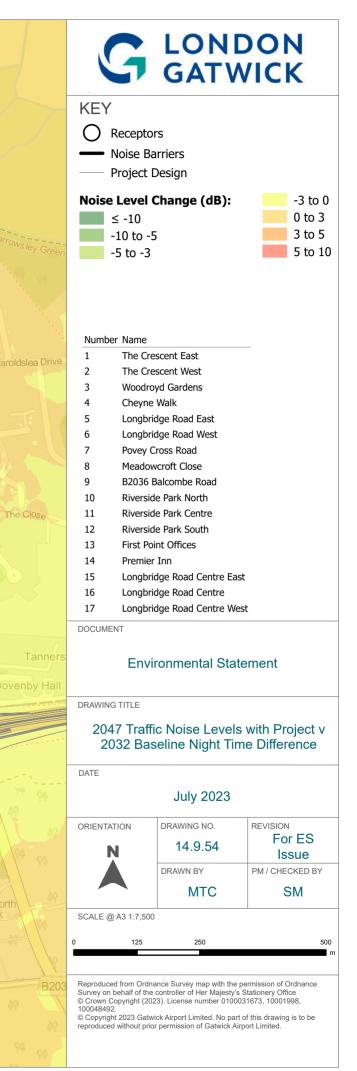




ERM SharePoint: 0591082 - Gatwick Airport Limited Noise Study/Documents/GIS/MAPS/0591082\_Gatwick\_Airport\_Limited\_Noise\_Study\_Noise.aprx/0591082 - 14.9.53 - 2047 Traffic Noise Levels with Project v 2032 Baseline Daytime Difference









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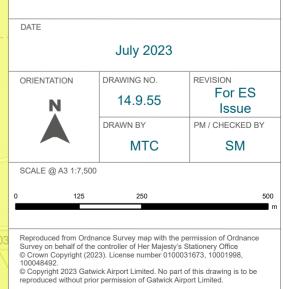
O Receptors Noise Level Change (dB): -1 to 0 0 to 1 1 to 3

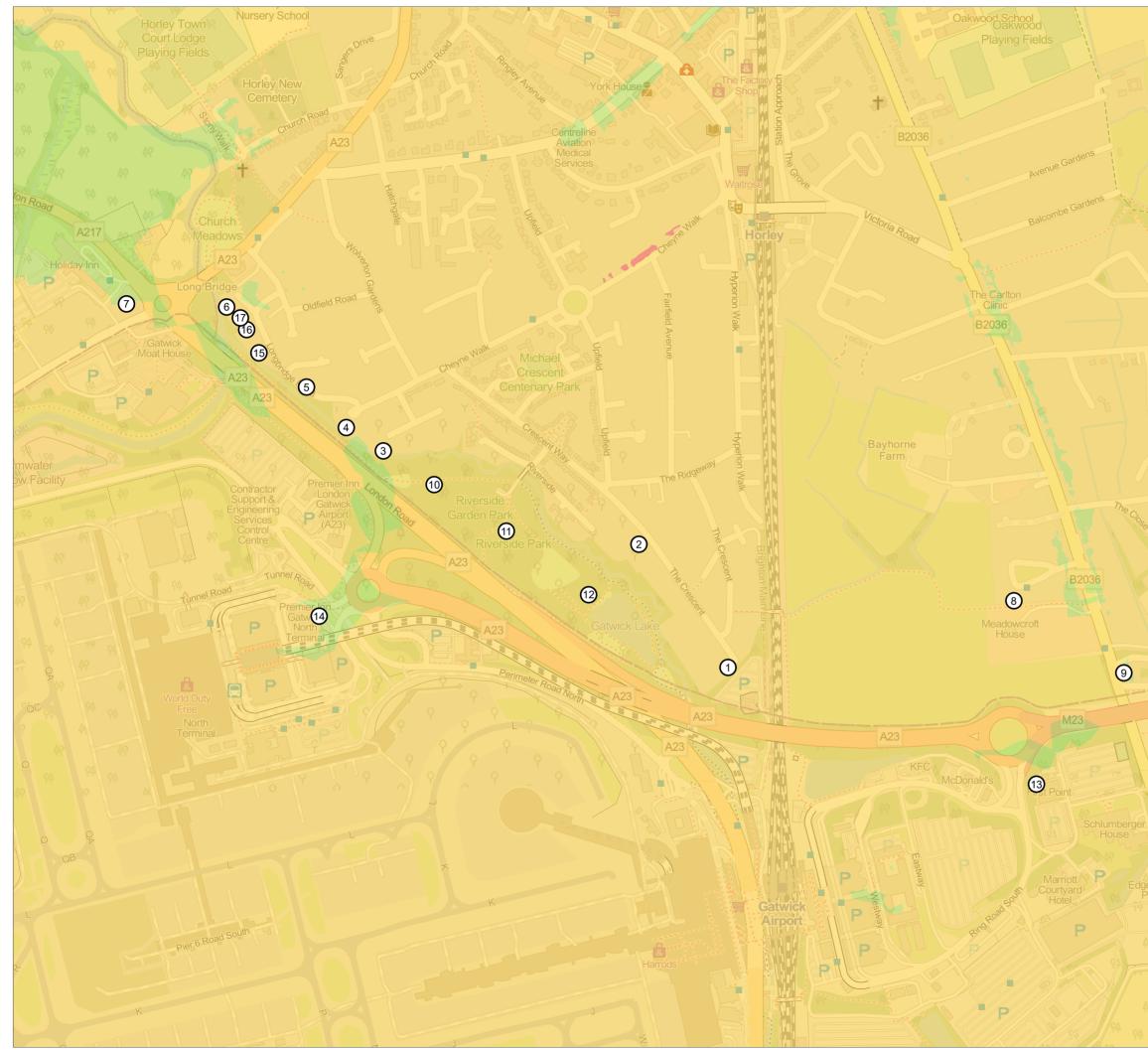
Number	Name
1	The Crescent East
2	The Crescent West
3	Woodroyd Gardens
4	Cheyne Walk
5	Longbridge Road East
6	Longbridge Road West
7	Povey Cross Road
8	Meadowcroft Close
9	B2036 Balcombe Road
10	Riverside Park North
11	Riverside Park Centre
12	Riverside Park South
13	First Point Offices
14	Premier Inn
15	Longbridge Road Centre East
16	Longbridge Road Centre
17	Longbridge Road Centre West
DOCUMEN	Т

### **Environmental Statement**



## 2047 Baseline Noise Levels v 2032 Baseline Noise Levels Daytime Difference









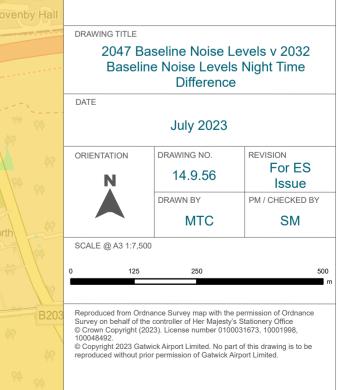
Noise Level Change (dB): -3 to -1 -1 to 0 0 to 1 1 to 3

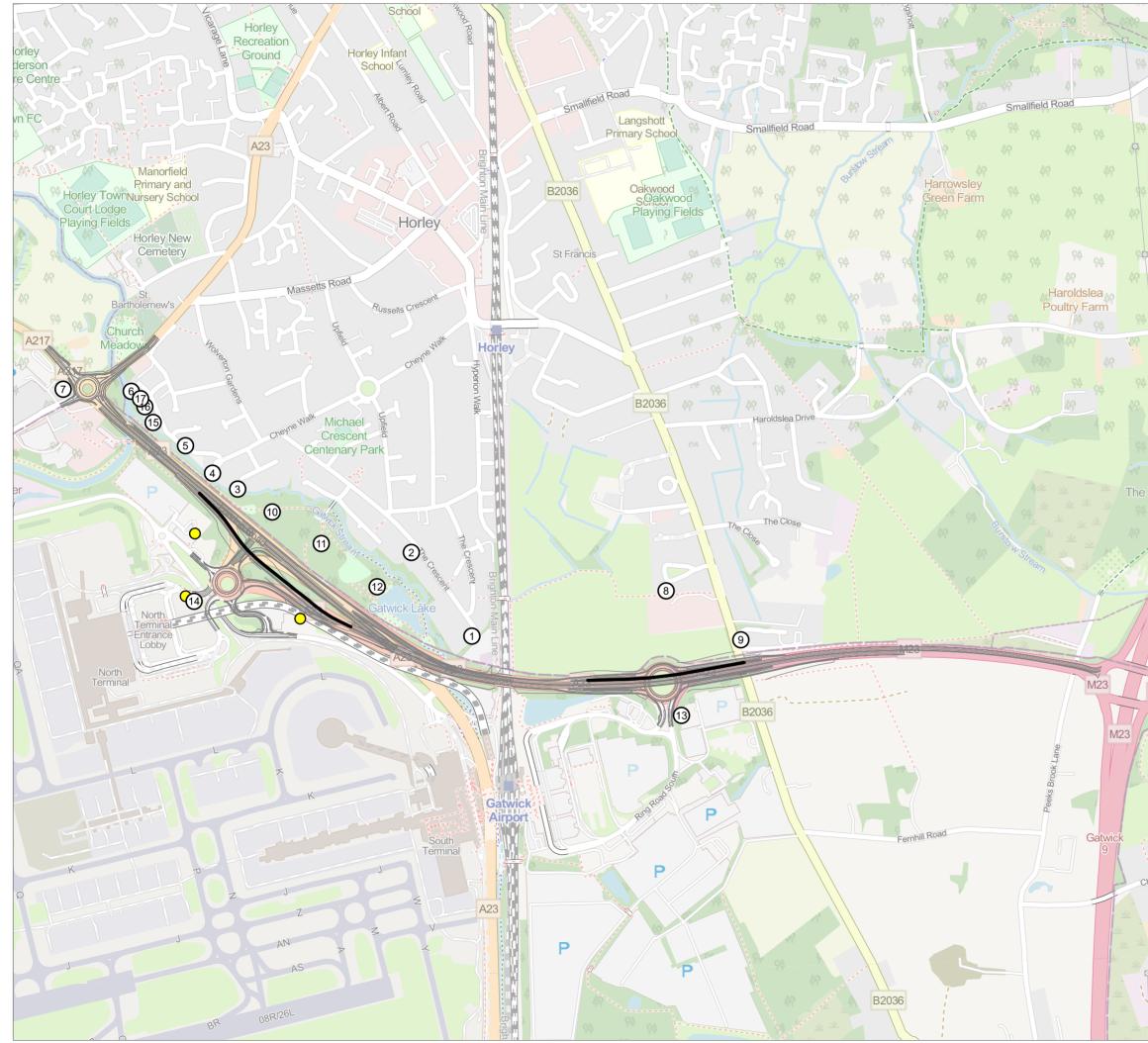
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Number	Name
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2	The Crescent West
3	Woodroyd Gardens
4	Cheyne Walk
5	Longbridge Road East
6	Longbridge Road West
7	Povey Cross Road
8	Meadowcroft Close
9	B2036 Balcombe Road
10	Riverside Park North
11	Riverside Park Centre
12	Riverside Park South
13	First Point Offices
14	Premier Inn
15	Longbridge Road Centre East
16	Longbridge Road Centre
17	Longbridge Road Centre West

DOCUMENT

### **Environmental Statement**





ERM SharePoint: 0591082 - Gatwick Airport Limited Noise Study/Documents/GIS/MAPS/0591082\_Gatwick\_Airport\_Limited\_Noise\_Study\_Noise.aprx/0591082 - 14.9.57 - 2032 Road Traffic Noise Impact Locations

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