

September 2023

London Luton Airport Expansion

Planning Inspectorate Scheme Ref: TR020001

Volume 7 Other Documents

**7.10 Draft Compensation Policies, Measures and
Community First - Appendix A (Part 2 of 2)**

Application Document Ref: TR020001/APP/7.10

APFP Regulation: 5(2)(g)

The Planning Act 2008

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

**London Luton Airport Expansion Development Consent
Order 202x**

**7.10 DRAFT COMPENSATION POLICIES, MEASURES AND
COMMUNITY FIRST – APPENDIX A (PART 2 OF 2)**

Regulation Number:	Regulation 5(2)(q)
Planning Inspectorate Scheme Reference:	TR020001
Document Reference:	TR020001/APP/7.10
Author:	Luton Rising

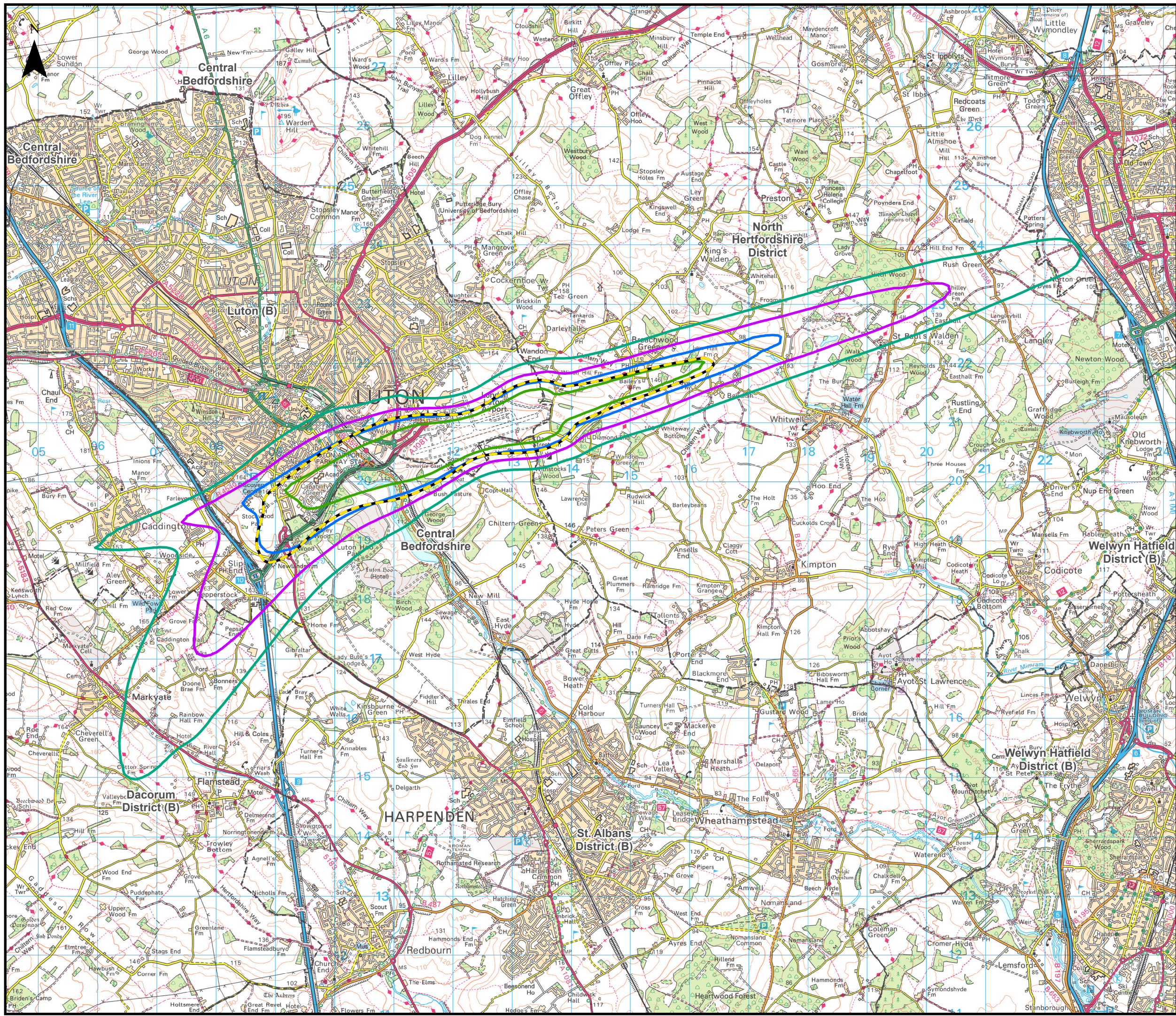
Version	Date	Status of Version
Issue 1	February 2023	Application Issue
Revision 1	April 2023	Amended following Section 51 advice
Revision 2	June 2023	Additional Submissions – Amended following Rule 9 Letter
Revision 3	September 2023	Additional Submissions – Deadline 2

Appendix A - Indicative Noise Contour Plans

A1.1 Indicative noise contour plans

- A1.1.1 Figures A1.1 to A1.3 of Appendix A Part 1 present indicative plans representing the potential extent of the proposed noise insulation schemes using the forecast noise contours from **Chapter 16 Noise and Vibration** of the **ES [TR020001/APP/5.01]**.
- A1.1.2 A second set of indicative plans (A1.4 to A1.9) is provided in Appendix A Part 2, showing the potential extent of the proposed noise insulation schemes overlaid with the extent of the current noise insulation schemes. Due to the number of different schemes (current and proposed), this second set of plans has been separated by daytime and night-time.
- A1.1.3 It should be noted that contours representing the potential extent of the proposed schemes and the extent of the current eligibility cannot be directly compared. This is because:
- a. the potential extent of the proposed schemes represent noise exposure in a forecast year (either 2027, 2039 or 2043) and the current scheme is based on noise exposure in 2023; and
 - b. the current noise insulation scheme extent is determined by modelling using the Integrated Noise Model (INM), whereas the potential extent of the proposed schemes is determined by modelling using the Aviation Environment Design Tool (AEDT). For further information on the differences between these two noise models, see **Chapter 16 Noise and Vibration** of the **ES [TR020001/APP/5.01]**.
- A1.1.4 As these plans are for indicative purposes only, and are based on forecast noise contours, inclusion within the boundary of the plans does not definitively mean that a property would be eligible for noise insulation under the proposed scheme. Similarly, being outside of the boundary of the plan does not definitively mean that a property would not be eligible.

**FIGURE A1.4 - INDICATIVE NOISE INSULATION SCHEME EXTENTS,
PHASE 1 (2027) – OVERLAID WITH CURRENT (2023) INSULATION
SCHEME EXTENTS, DAYTIME**



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All structure positions are indicative. The proposed works will be subject to detailed design development. The changes will be within limits of deviation specified in the Development Consent Order.

Legend

- Local Authority Boundaries
- Current Daytime Noise Insulation Scheme Eligibility Noise Contours (2023)**
- 57 dB LAeq, 16h Daytime Contour
- Proposed Daytime Noise Insulation Scheme Eligibility Noise Contours (2027)**
- Scheme 5 - 54dB LAeq, 16h Daytime Contour
- Scheme 4 - 57dB LAeq, 16h Daytime Contour
- Scheme 2 - 60dB LAeq, 16h Daytime Contour
- Scheme 1 - 63dB LAeq, 16h Daytime Contour

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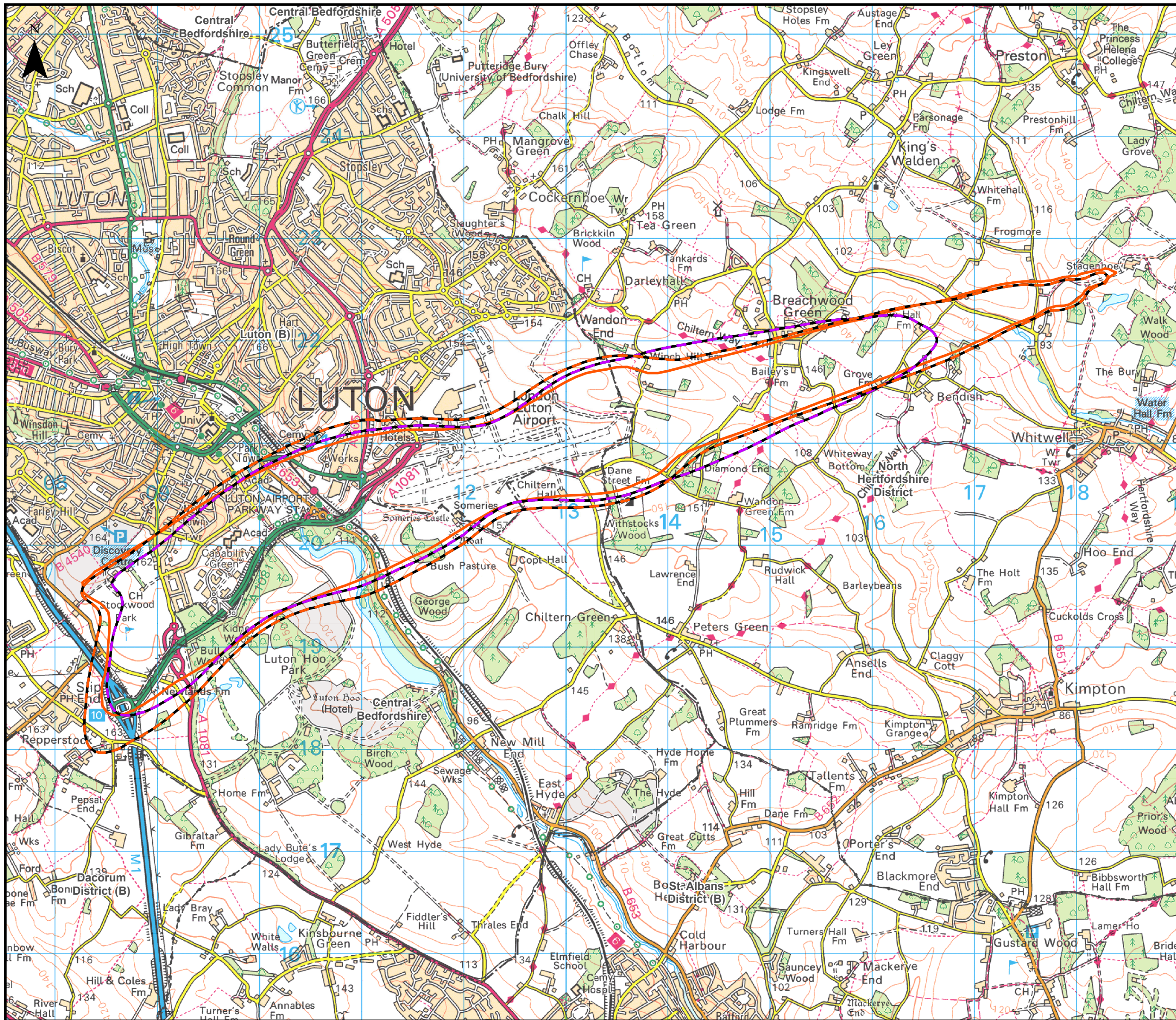
Drawing Title **Figure A1.4**
Indicative noise insulation scheme extents, Phase 1 (2027) overlaid with current (2023) insulation scheme extents, daytime

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
LP	CS	CS	20/06/23	1:60,000	A3

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(q)	TR020001/APP/7.10

Drawing Number	Revision
LLADCO-3C-AEC-00-00-DR-YE-0A1.4	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	

**FIGURE A1.5 - INDICATIVE NOISE INSULATION SCHEME EXTENTS,
PHASE 1 (2027) – OVERLAID WITH CURRENT (2023) INSULATION
SCHEME EXTENTS, NIGHT-TIME**



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Legend

- Local Authority Boundaries
- Current Night-time Noise Insulation Scheme Eligibility Noise Contours (2023)**
 - 55 dB LAeq,8h Night-time Contour
 - 90 dB SEL Contour
- Proposed Night-time Noise Insulation Scheme Eligibility Noise Contours (2027)**
 - Scheme 3 - 55dB LAeq,8h Night-time Contour

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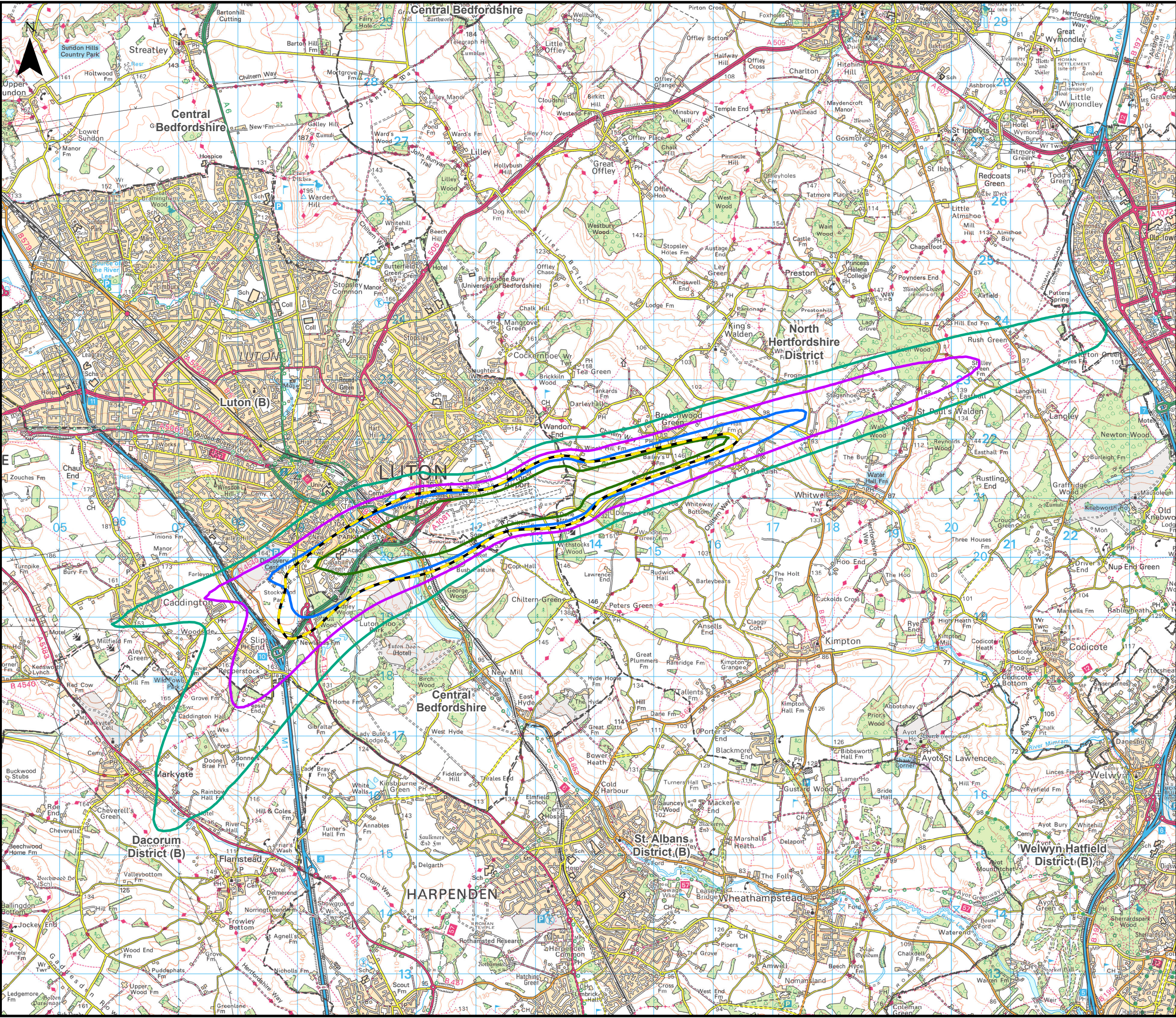
Drawing Title: Figure A1.5
 Indicative noise insulation scheme extents, Phase 1 (2027) – overlaid with current (2023) insulation scheme extents, night-time

Purpose of issue				Suitability	
SUITABLE FOR INFORMATION				S2	
Drawn	Checked	Approved	Date	Scale	Size
LP	CSH	CS	20/06/23	1:35,000	A3

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TR020001	APFP 5(2)(q)	TR020001/APP/7.10

Drawing Number	Revision
LLADCO-3C-AEC-00-00-DR-YE-0A1.5	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	

**FIGURE A1.6 - INDICATIVE NOISE INSULATION SCHEME EXTENTS,
PHASE 2A (2039) – OVERLAID WITH CURRENT (2023) INSULATION
SCHEME EXTENTS, DAYTIME**



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- Legend**
- Local Authority Boundaries
 - Current Daytime Noise Insulation Scheme Eligibility Noise Contours (2023)**
 - 57 dB LAeq, 16h Daytime Contour
 - Proposed Daytime Noise Insulation Scheme Eligibility Noise Contours (2039)**
 - Scheme 5 - 54dB LAeq, 16h Daytime Contour
 - Scheme 4 - 57dB LAeq, 16h Daytime Contour
 - Scheme 2 - 60dB LAeq, 16h Daytime Contour
 - Scheme 1 - 63dB LAeq, 16h Daytime Contour

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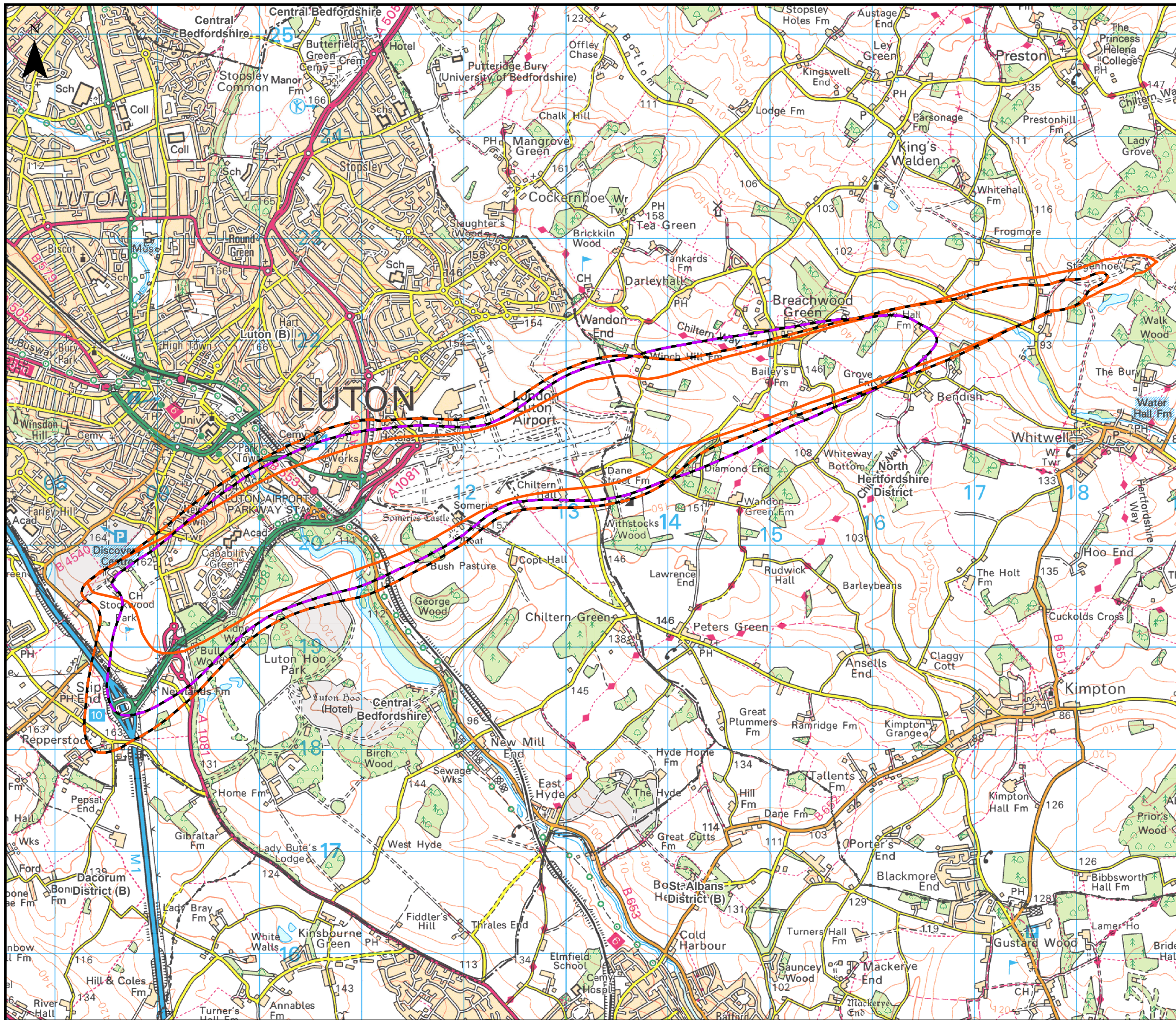
Drawing Title: **Figure A1.6**
Indicative noise insulation scheme extents, Phase 2a (2039) – overlaid with current (2023) insulation scheme extents, daytime

Purpose of issue					Suitability	
SUITABLE FOR INFORMATION					S2	
Drawn	Checked	Approved	Date	Scale	Size	
LP	CSh	CS	20/06/23	1:60,000	A3	

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(q)	TR020001/APP/7.10

Drawing Number	Revision
LLADCO-3C-AEC-00-00-DR-YE-0A1.6	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	

**FIGURE A1.7 - INDICATIVE NOISE INSULATION SCHEME EXTENTS,
PHASE 2A (2039) – OVERLAID WITH CURRENT (2023) INSULATION
SCHEME EXTENTS, NIGHT-TIME**



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Legend

- Local Authority Boundaries
- Current Night-time Noise Insulation Scheme Eligibility Noise Contours (2023)**
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 - 90 dB SEL Contour
- Proposed Night-time Noise Insulation Scheme Eligibility Noise Contours (2039)**
 - Scheme 3 - 55dB LAeq,8h Night-Time contour

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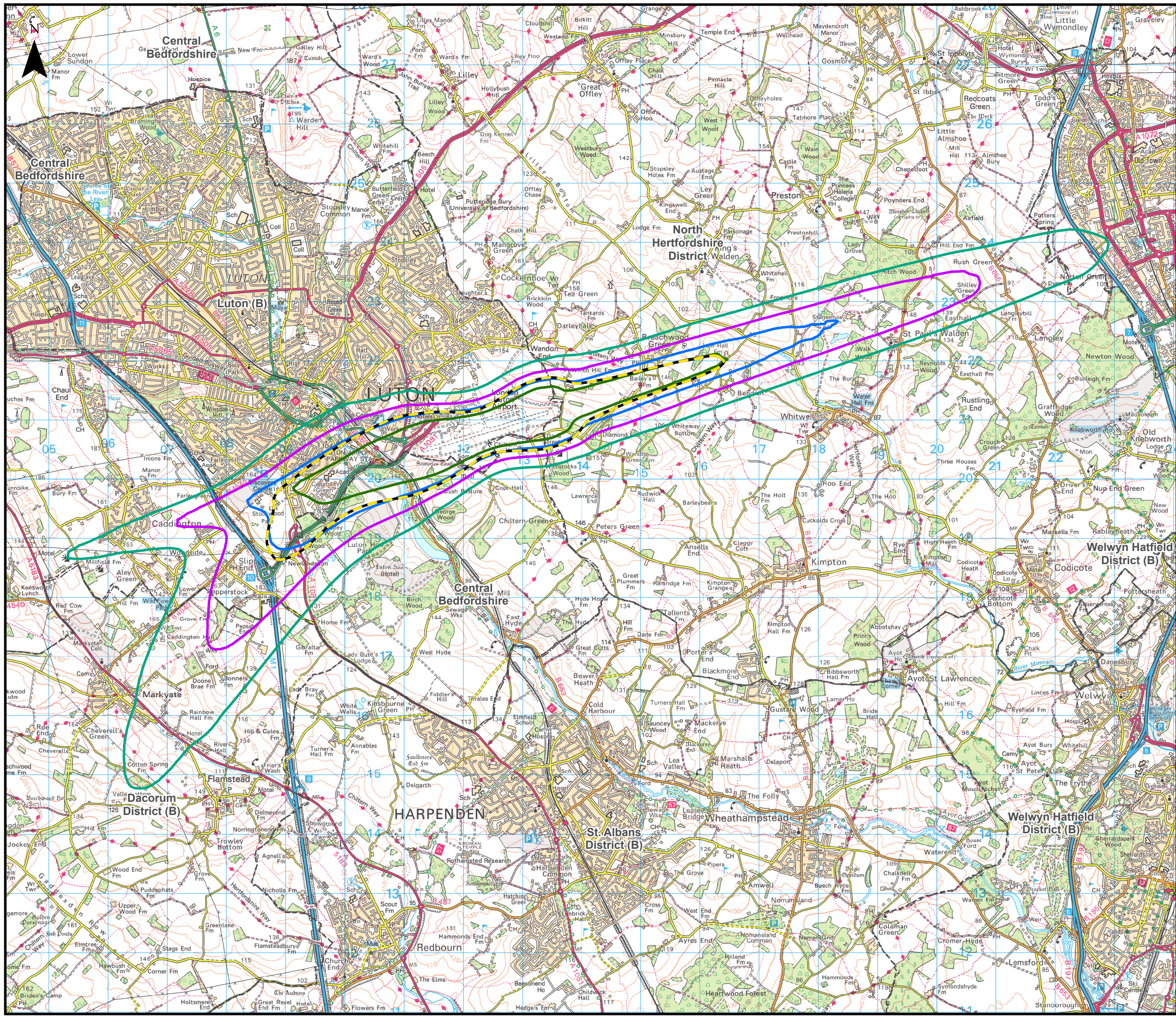
Drawing Title: Figure A1.7
 Indicative noise insulation scheme extents Phase 2a (2039) – overlaid with current (2023) insulation scheme extents, night-time

Purpose of issue					Suitability	
SUITABLE FOR INFORMATION					S2	
Drawn	Checked	Approved	Date	Scale	Size	
LP	CSH	CS	20/06/23	1:35,000	A3	

DCO Application Ref.	APFP Regulation	DCO Document Ref.
TR020001	APFP 5(2)(a)	TR020001/APP/7.10

Drawing Number	Revision
LLADCO-3C-AEC-00-00-DR-YE-0A1.7	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	

**FIGURE A1.8 - INDICATIVE NOISE INSULATION SCHEME EXTENTS,
PHASE 2B (2043) – OVERLAID WITH CURRENT (2023) INSULATION
SCHEME EXTENTS, DAYTIME**



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 - Scheme 4 - 57dB LAeq, 16h Daytime Contour
 - Scheme 2 - 60dB LAeq, 16h Daytime Contour
 - Scheme 1 - 63dB LAeq, 16h Daytime Contour

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Drawing Title **Figure A1.8**
Indicative noise insulation scheme extents Phase 2b (2043) – overlaid with current (2023) insulation scheme extents, daytime

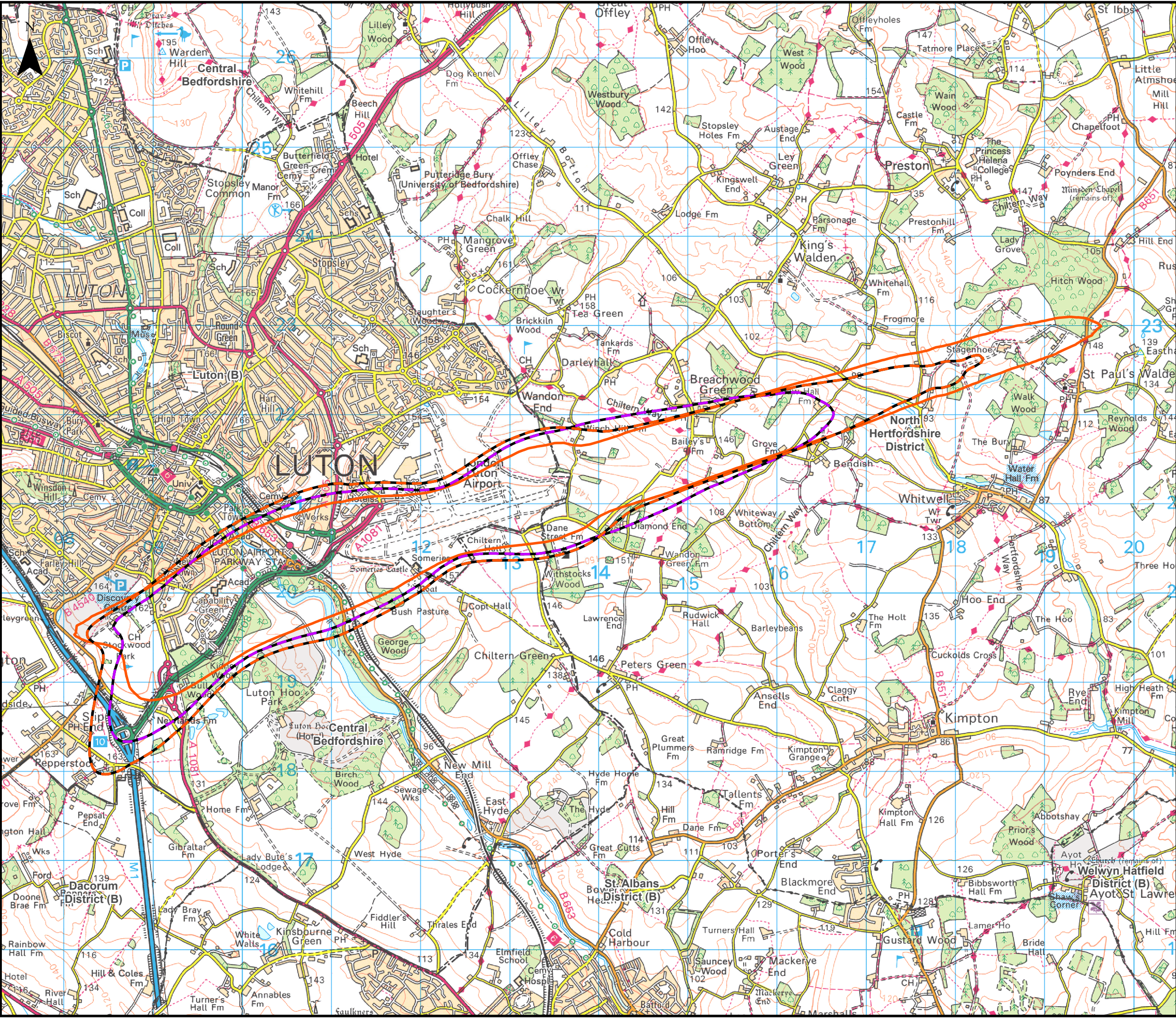
Purpose of issue					Suitability	
SUITABLE FOR INFORMATION					S2	
Drawn	Checked	Approved	Date	Scale	Size	
LP	CSH	CS	20/06/23	1:60,000	A3	

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TR020001	APFP 5(2)(q)	TR020001/APP/7.10

Drawing Number	Revision
LLADCO-3C-AEC-00-00-DR-YE-0A1.8	P01

Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number

**FIGURE A1.9 - INDICATIVE NOISE INSULATION SCHEME EXTENTS,
PHASE 2B (2043) – OVERLAID WITH CURRENT (2023) INSULATION
SCHEME EXTENTS, NIGHT-TIME**



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 - 90 dB SEL Contour
 - Proposed Night-time Noise Insulation Scheme Eligibility Noise Contours (2043)**
 - Scheme 3 - 55dB LAeq,8h Night-Time Contour

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Drawing Title: **Figure A1.9**
 Indicative noise insulation scheme extents Phase 2b (2043) – overlaid with current (2023) insulation scheme extents, night-time

Purpose of issue					Suitability	
SUITABLE FOR INFORMATION					S2	
Drawn	Checked	Approved	Date	Scale	Size	
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Drawing Number	Revision
LLADCO-3C-AEC-00-00-DR-YE-0A1.9	P01
Project - Phase - Originator - Asset/Zone - Sub Asset - Type- Discp. - Number	