

**M54 to M6 Link Road**

**TR010054**

**Volume 6**

**6.3 Environmental Statement**

**Appendices**

**Appendix 11.3 Construction Phase  
Noise Predictions Monitoring**

Regulation 5(2)(a)

Planning Act 2008

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

January 2020

Infrastructure Planning

Planning Act 2008

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

**M54 to M6 Link Road**  
Development Consent Order 202[ ]

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**6.3 Environmental Statement Appendices**  
**Appendix 11.3 Construction Phase Noise**  
**Predictions**

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<b>Regulation Number</b>	Regulation 5(2)(a)
<b>Planning Inspectorate Scheme Reference</b>	TR010054
<b>Application Document Reference</b>	6.3
<b>Author</b>	M54 to M6 Link Road Project Team and Highways England

<b>Version</b>	<b>Date</b>	<b>Status of Version</b>
P01	January 2020	DCO Application

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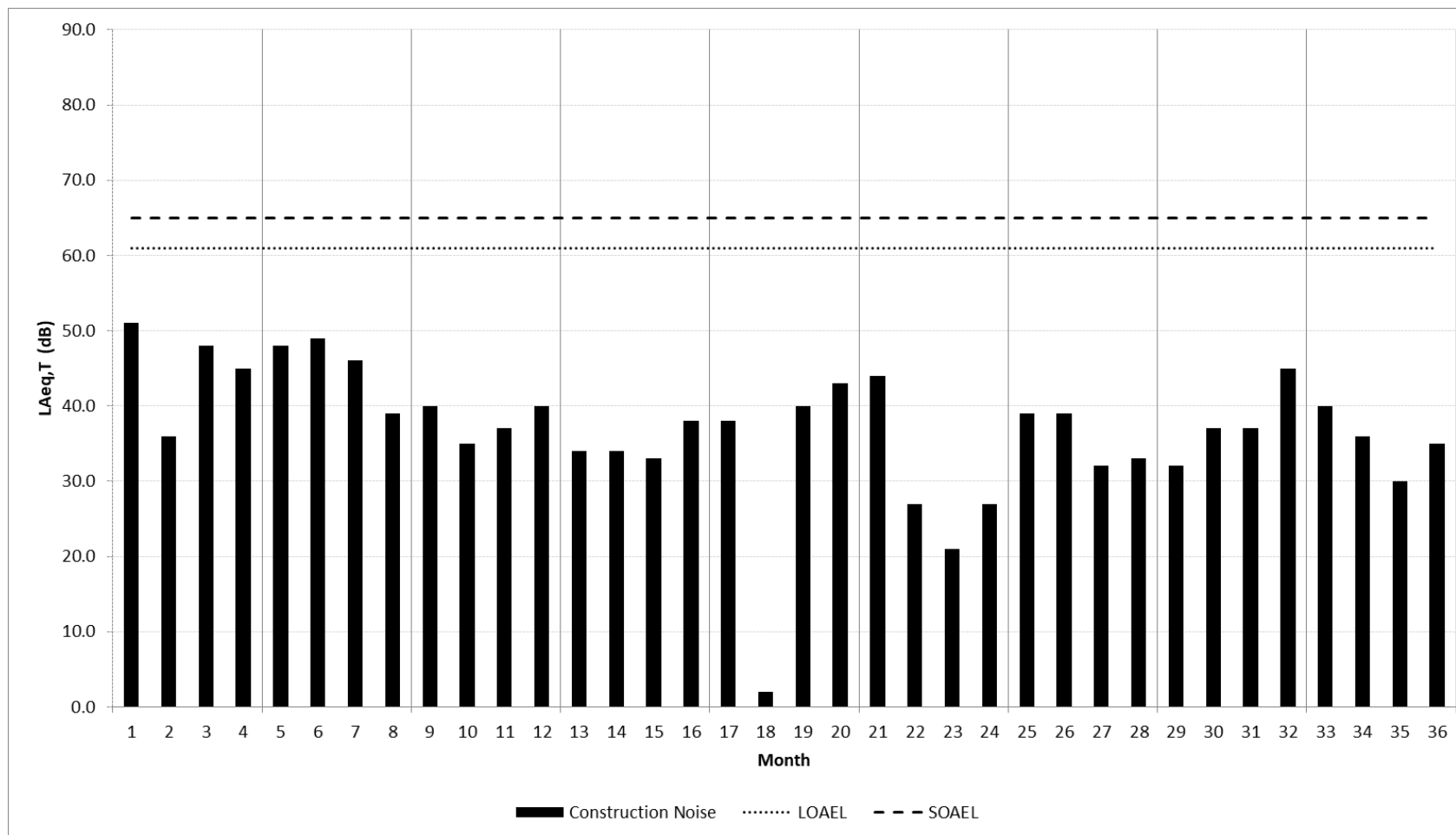
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## Appendix 11.3: Construction Phase Noise Predictions

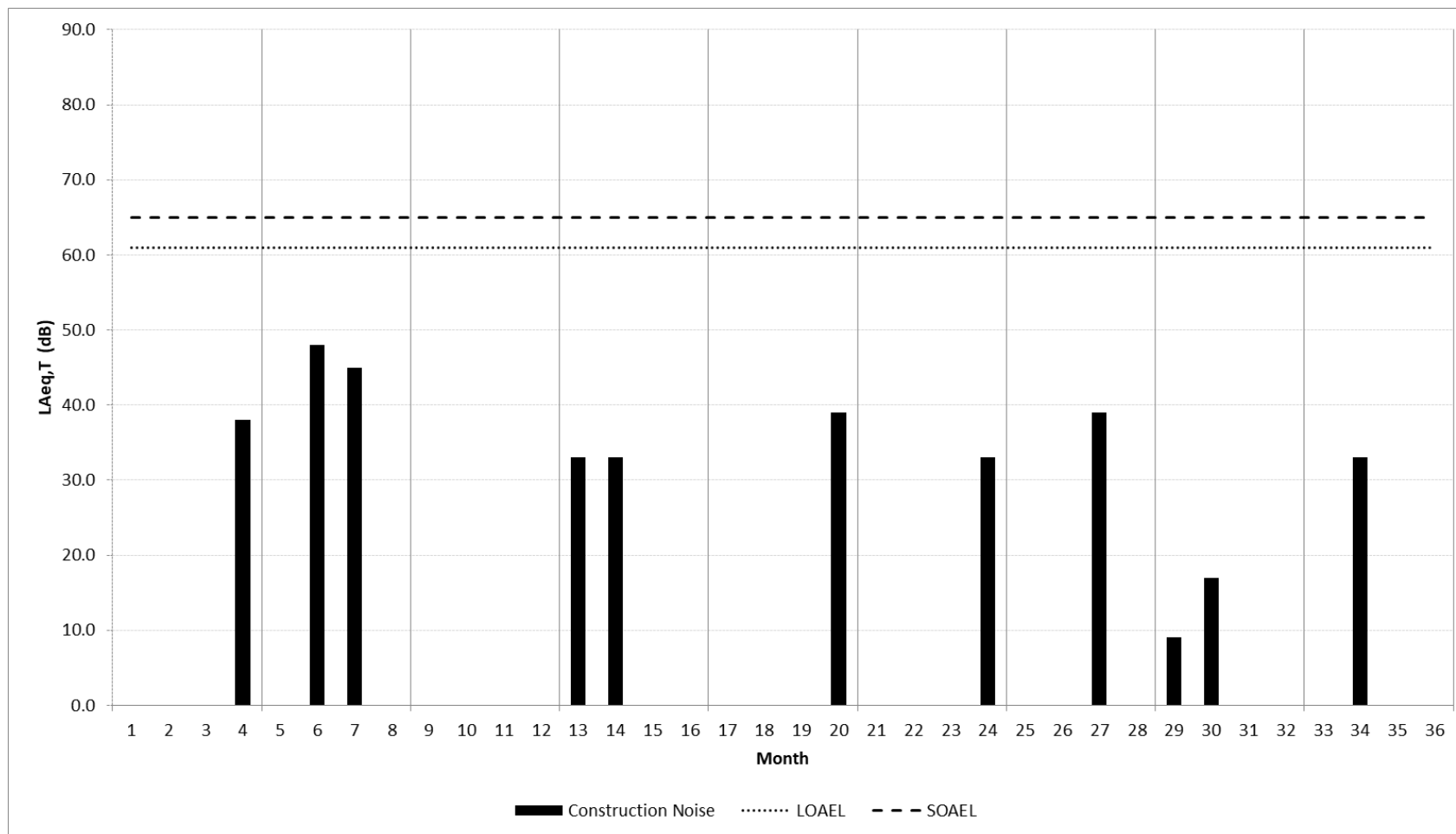
The predicted monthly noise levels at each receptor during the construction phase are shown in this appendix illustrated on Figure A.11.3.1 to Figure A.11.3.75. Receptor locations are marked on Figure 11.1 [TR010054/APP/6.2]. For two storey residential properties ground floor results are provided for the daytime and evening, and first floor results for the night. The Lowest Observed Adverse Effect Level (LOAEL) and Significant Observed Adverse Effect Level (SOAEL) for each receptor and time period are shown on the Figures. The predicted noise levels shown are based on the area over which each activity is likely to occur over the course of each month. As detailed in Section 11.3 of the Environmental Statement [TR010054/APP/6.1], to define the SOAEL and LOAEL ambient noise levels at the relevant façade of each of the selected receptors has been determined based on predicted Do-Minimum (DM) 2024 traffic flows.

At some receptors given the large separation distance between the construction activity taking place and the receptor, predicted noise levels for some months have not been calculated, based on a cut-off distance of 1 km between receptors and construction works. Additionally, there are some periods of the programme where no activities take place in some locations, in particular evening/weekend and night works.

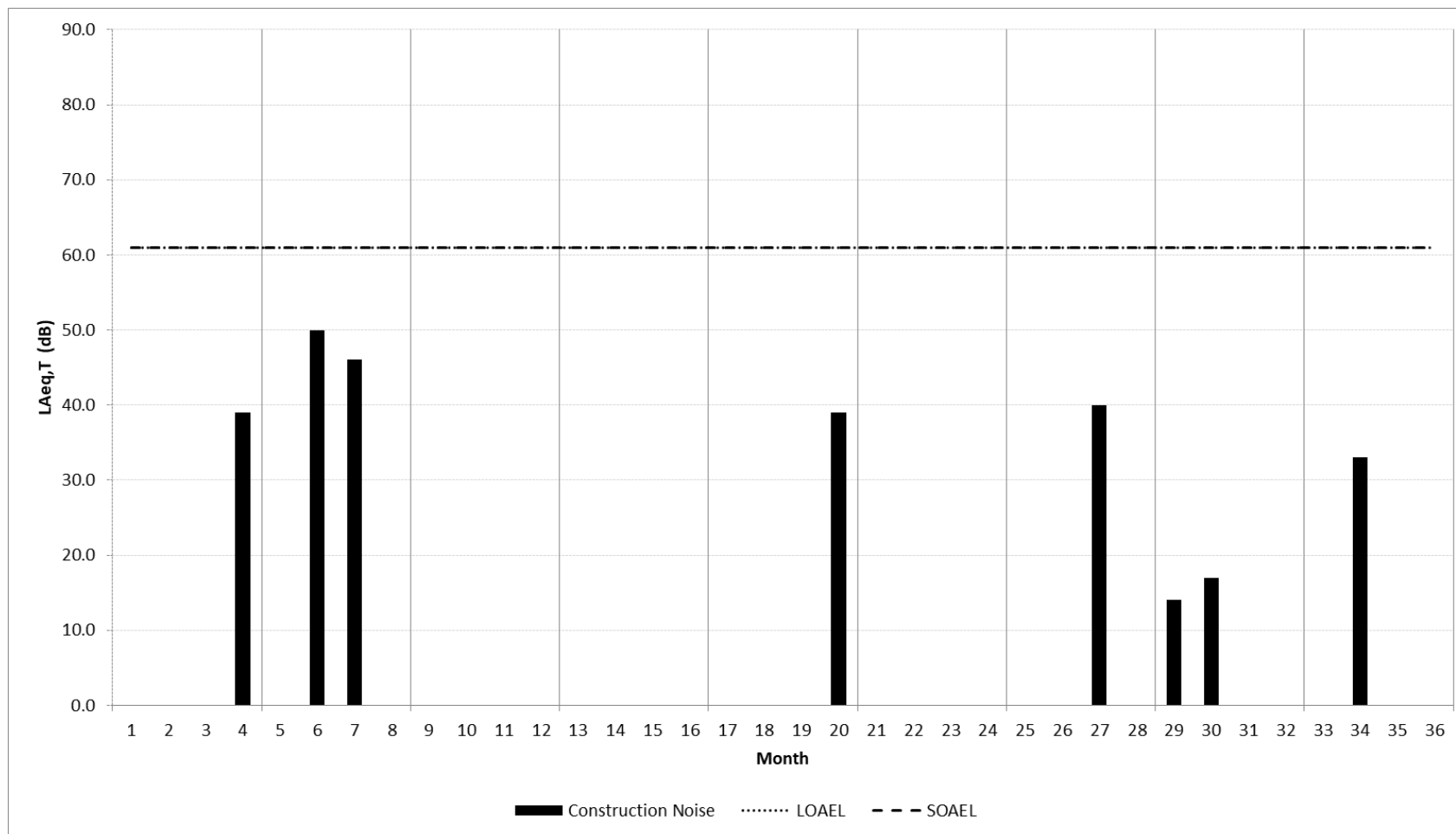


**Figure A.11.3.1: R01 - Moseley Old Hall Lane, Featherstone – Day, Ground Floor**

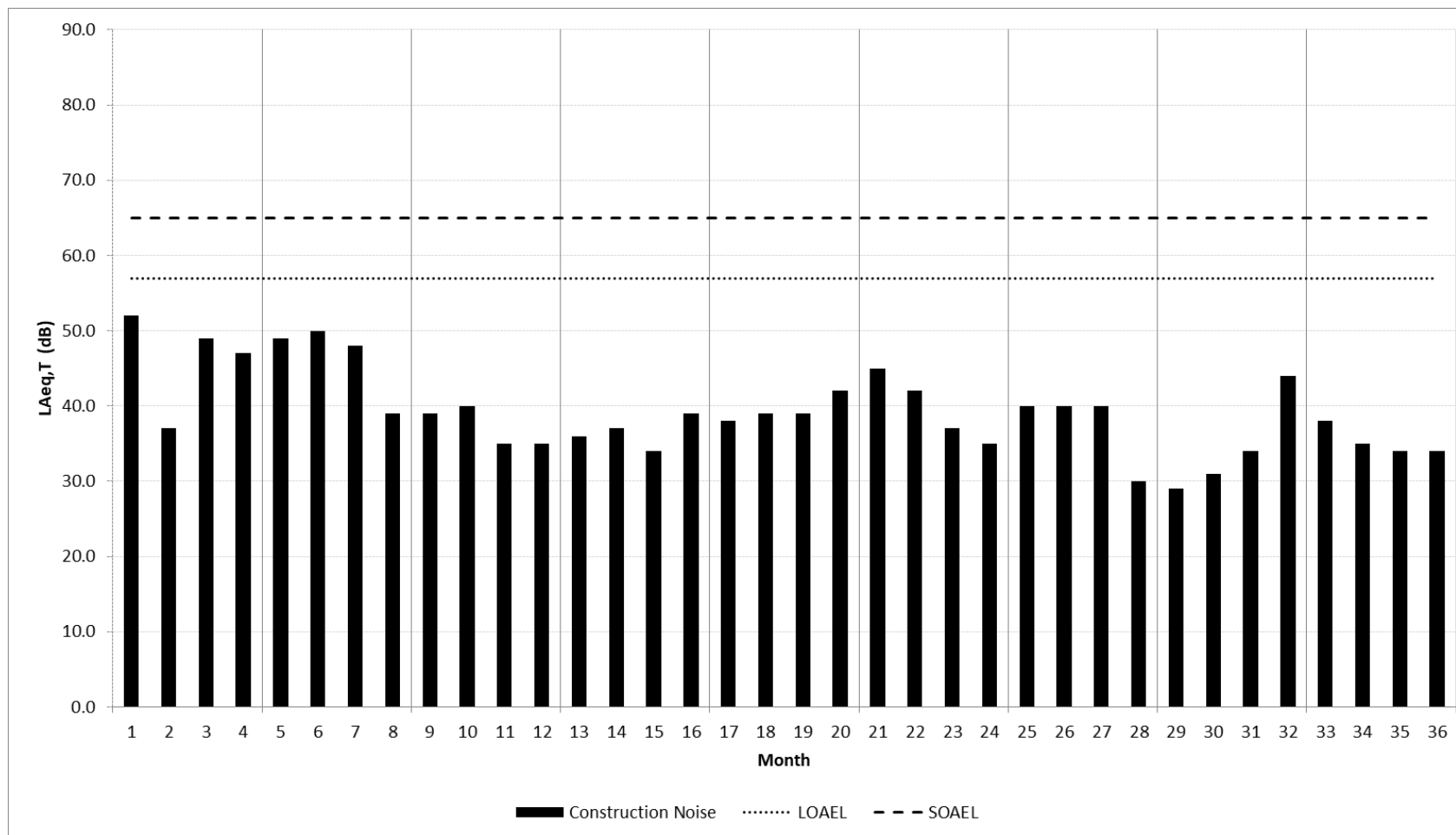




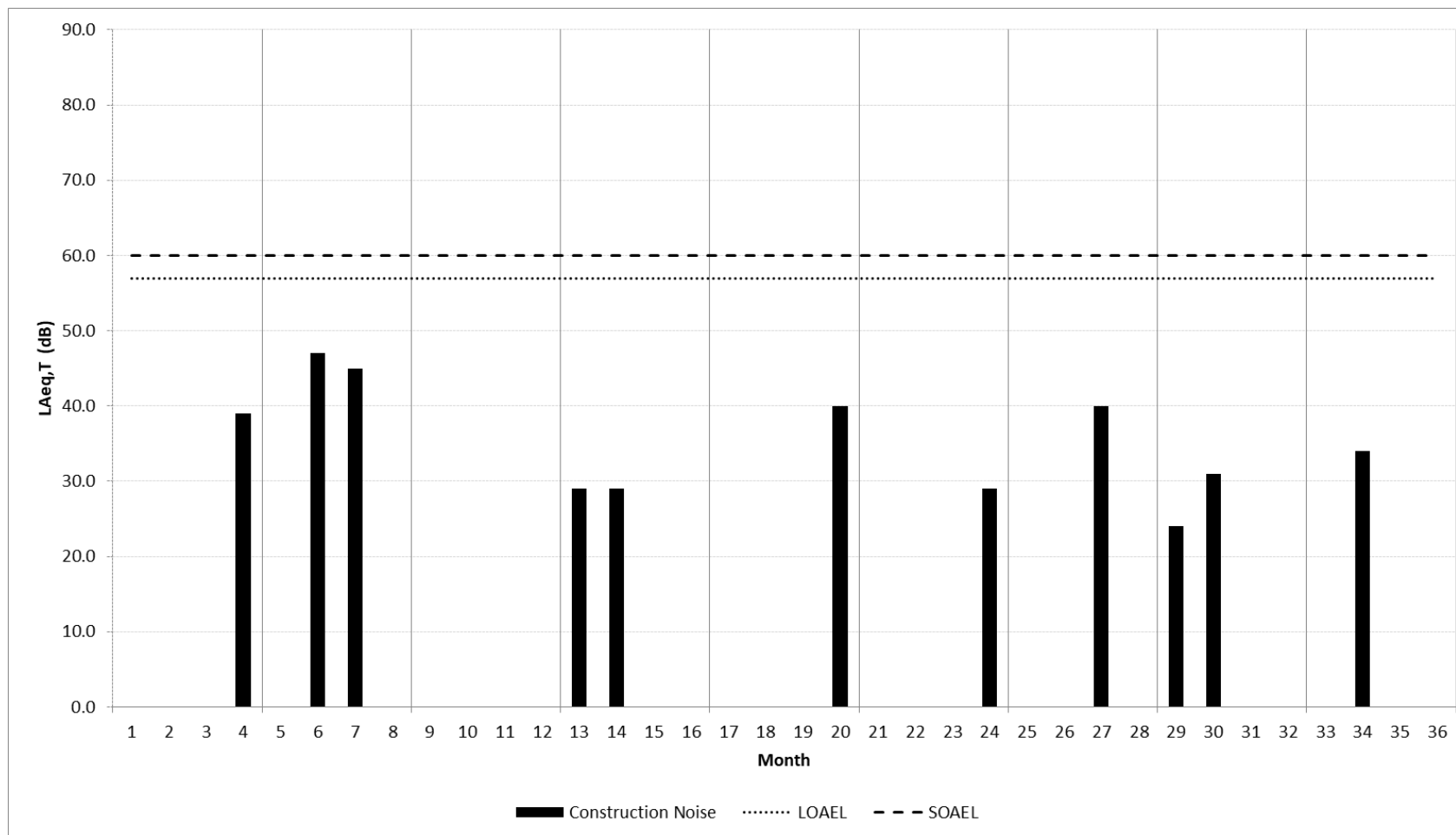
**Figure A.11.3.2: R01 - Moseley Old Hall Lane, Featherstone – Evening/Weekend, Ground Floor**



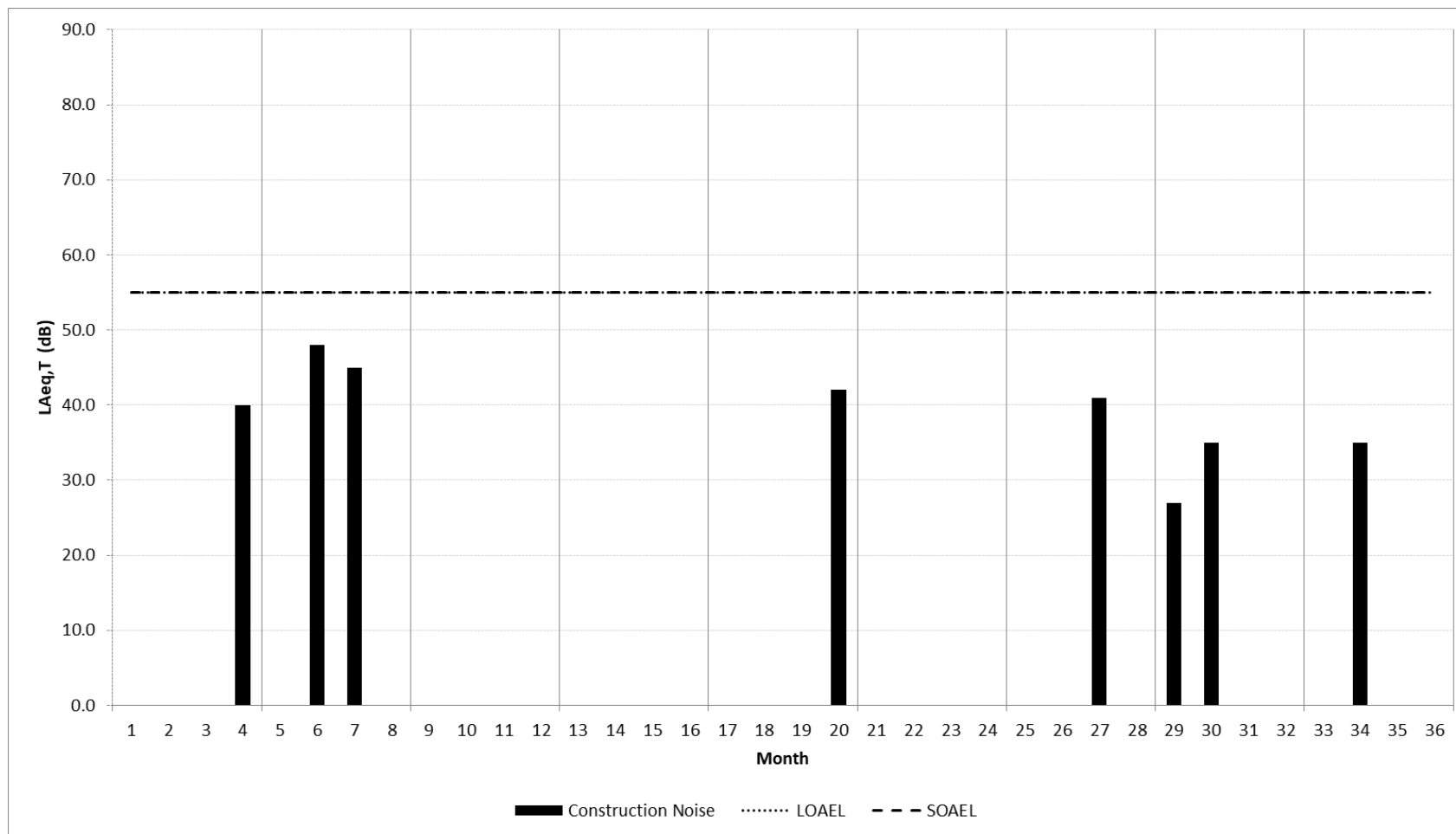
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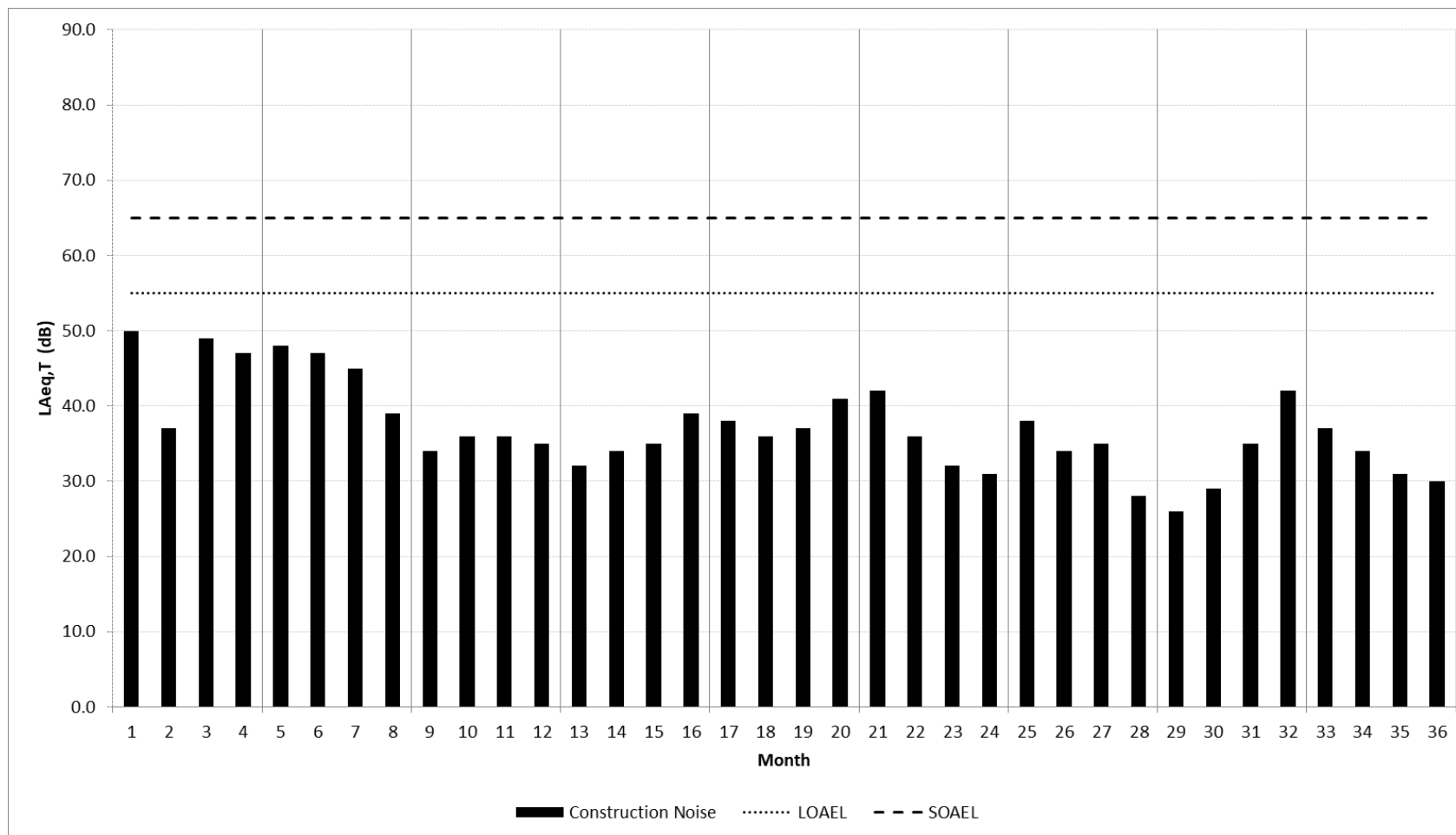
**Figure A.11.3.4: R02 - Penderell Close, Featherstone – Day, Ground Floor**



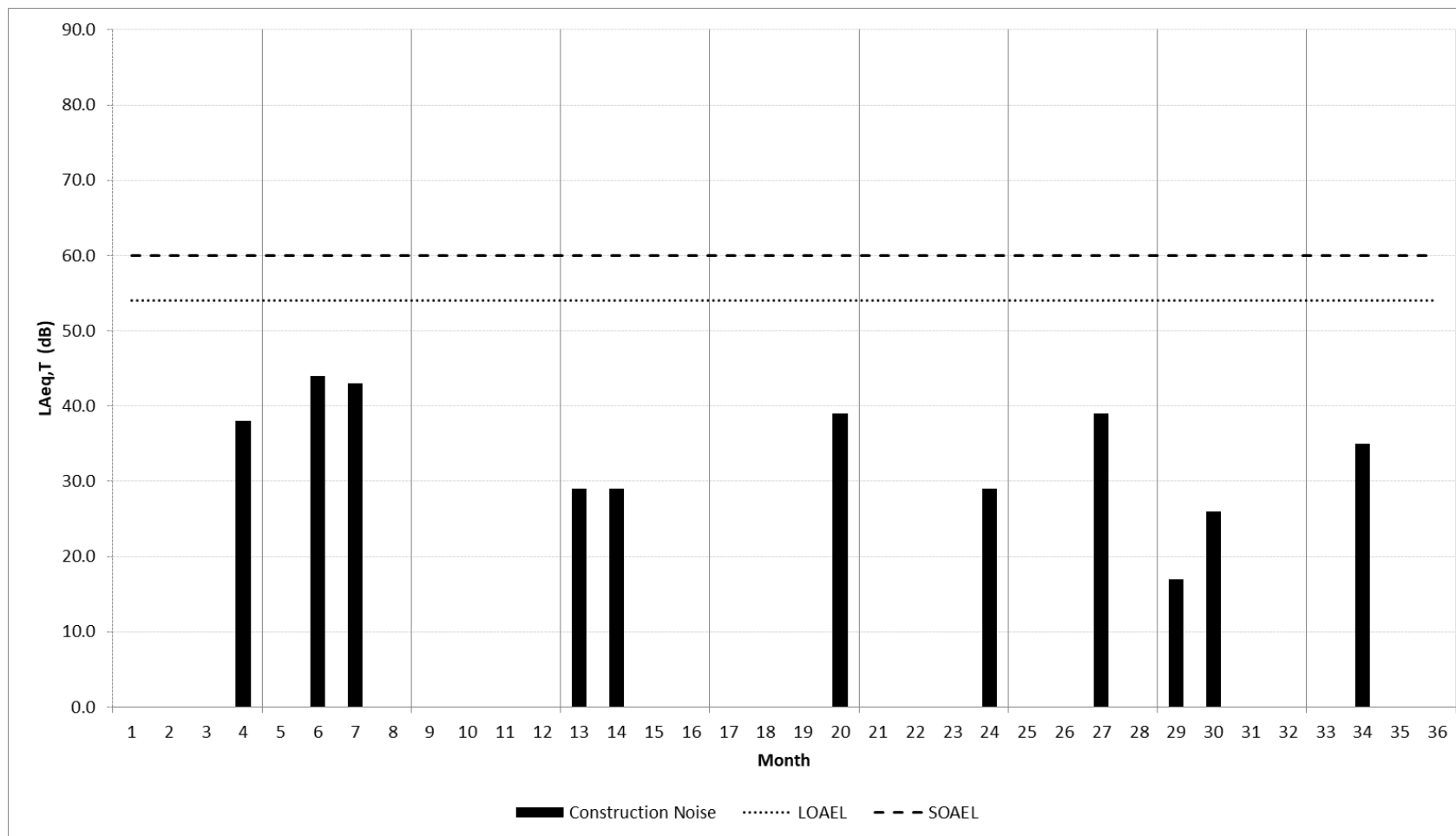
**Figure A.11.3.5: R02 - Penderell Close, Featherstone – Evening/Weekend, Ground Floor**



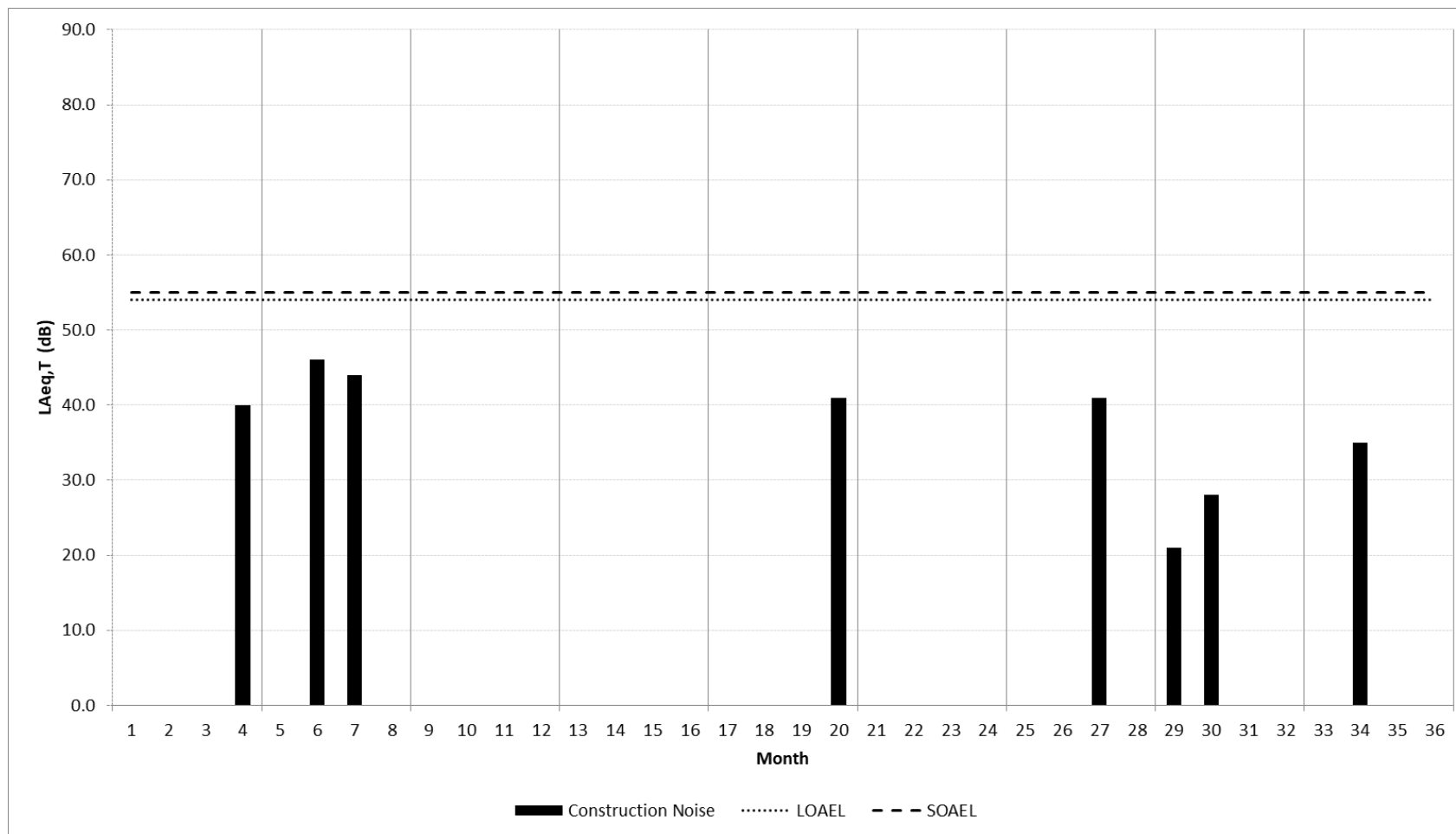
**Figure A.11.3.6: R02 - Penderell Close, Featherstone – Night, First Floor**



**Figure A.11.3.7: R03 - Jackson Close, Featherstone – Day, Ground Floor**

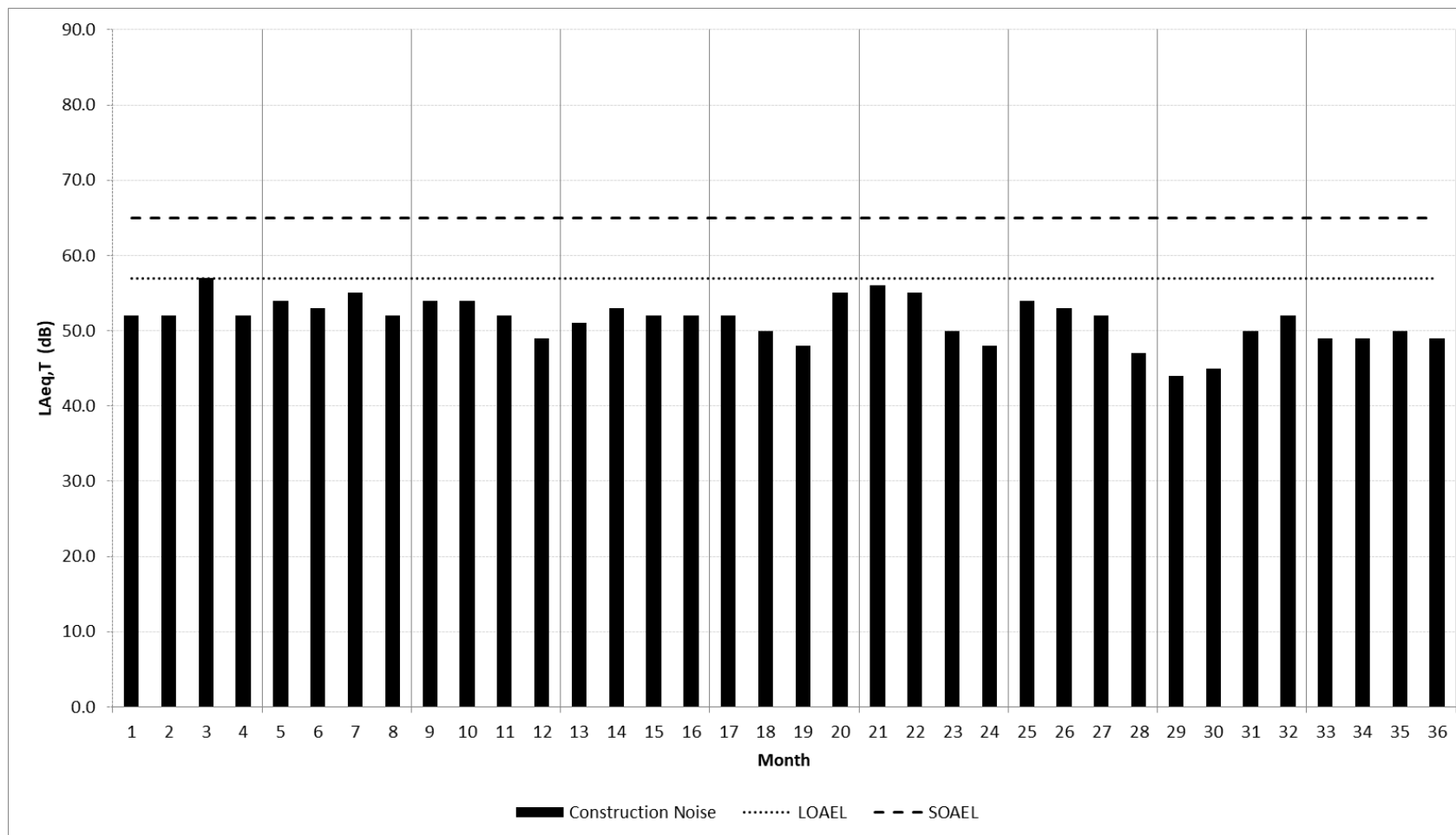


**Figure A.11.3.8: R03 - Jackson Close, Featherstone – Evening/Weekend, Ground Floor**

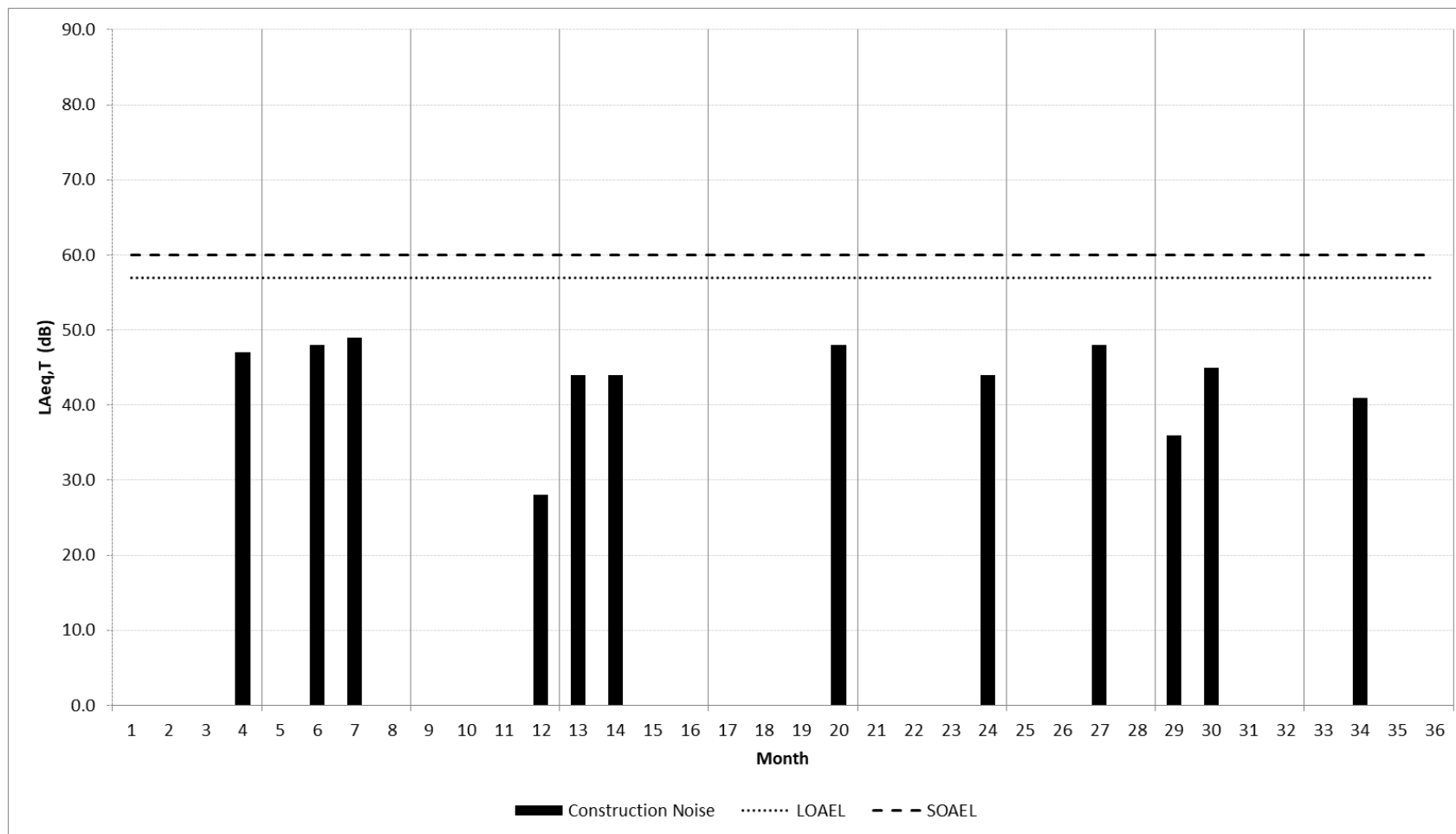


**Figure A.11.3.9: R03 - Jackson Close, Featherstone – Night, First Floor**

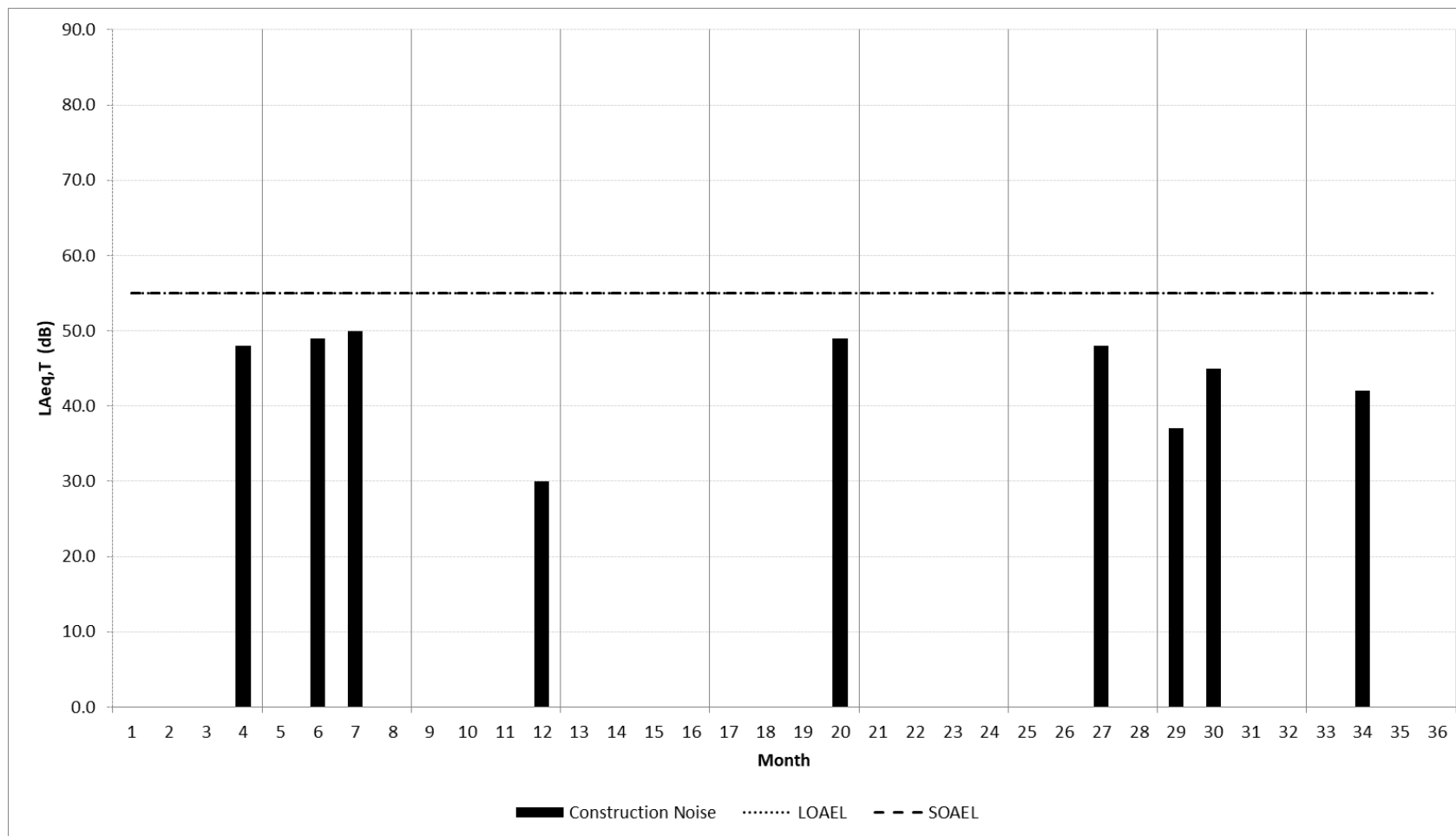




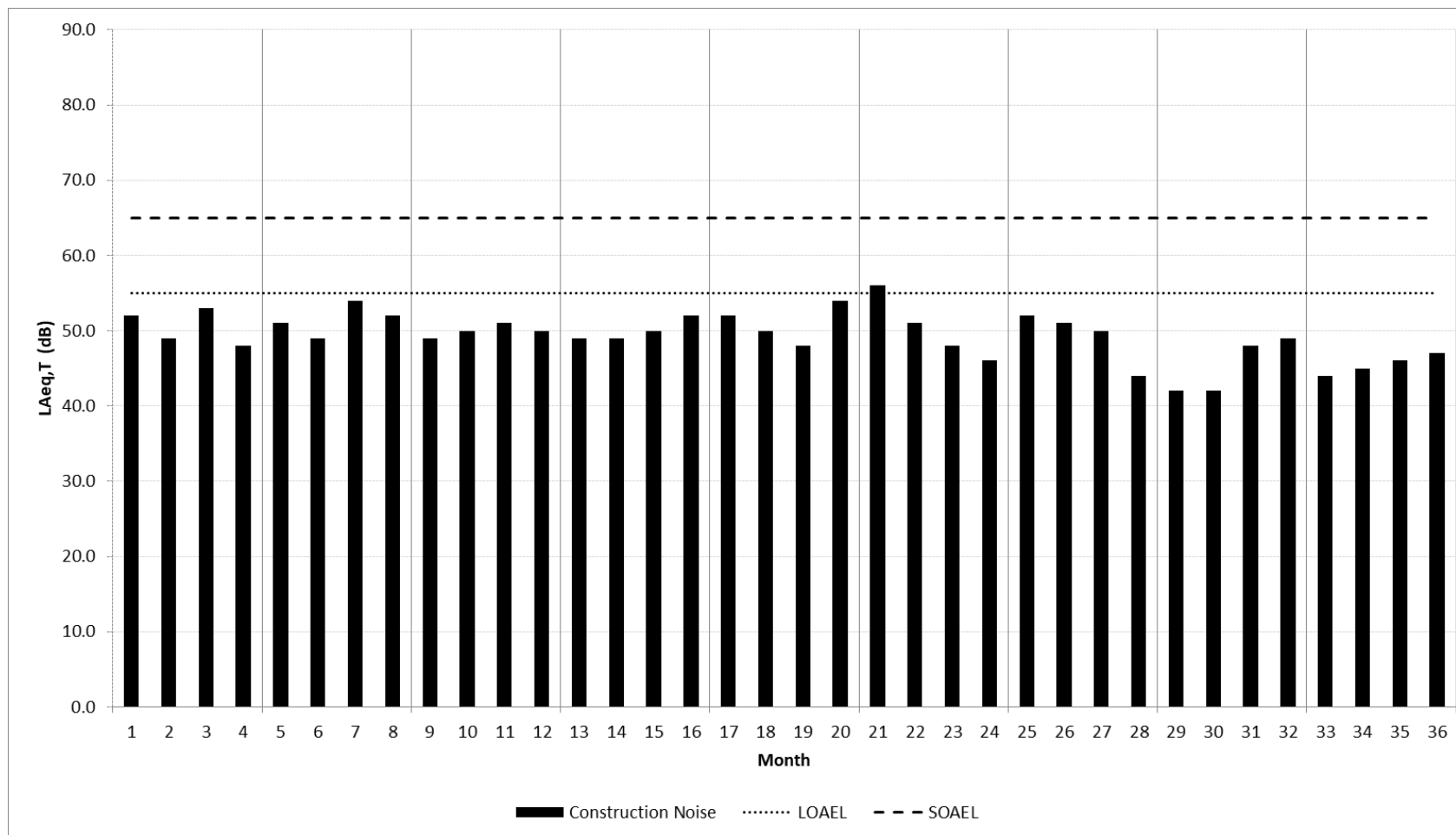
**Figure A.11.3.10: R04 - South View Close, Featherstone (South) – Day, Ground Floor**



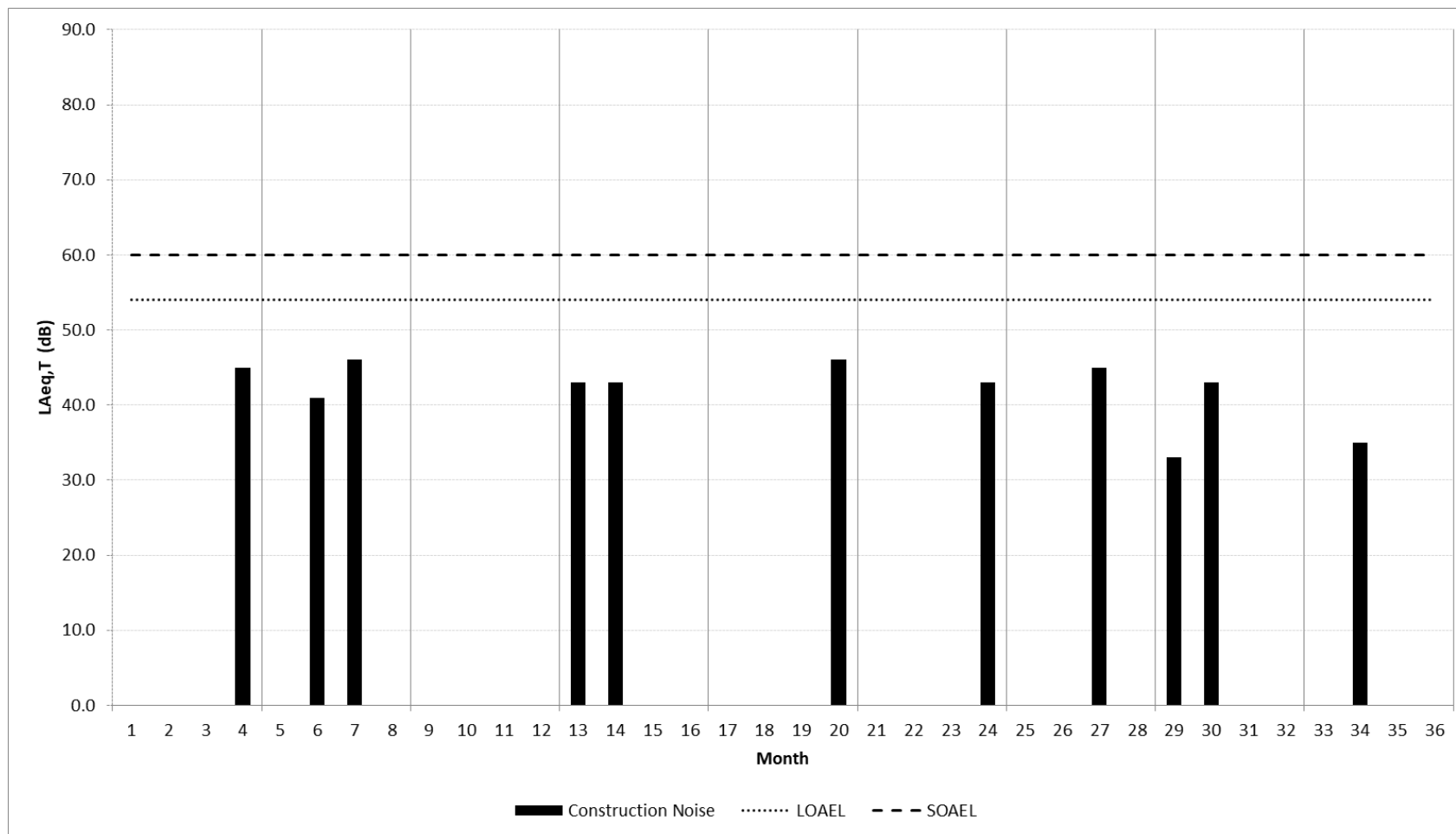
**Figure A.11.3.11: R04 - South View Close, Featherstone (South) – Evening/Weekend, Ground Floor**



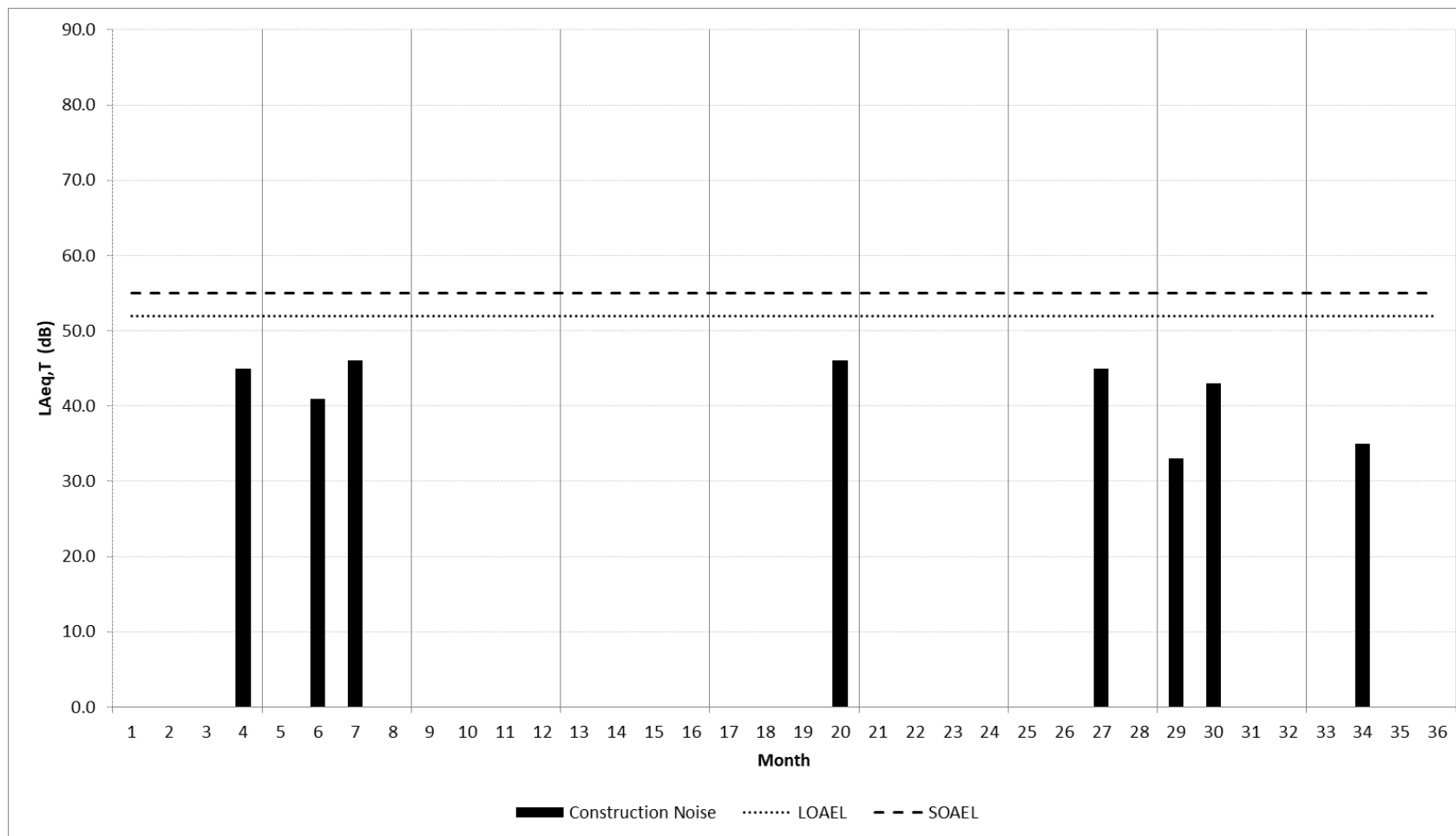
**Figure A.11.3.12: R04 - South View Close, Featherstone (South) – Night, First Floor**



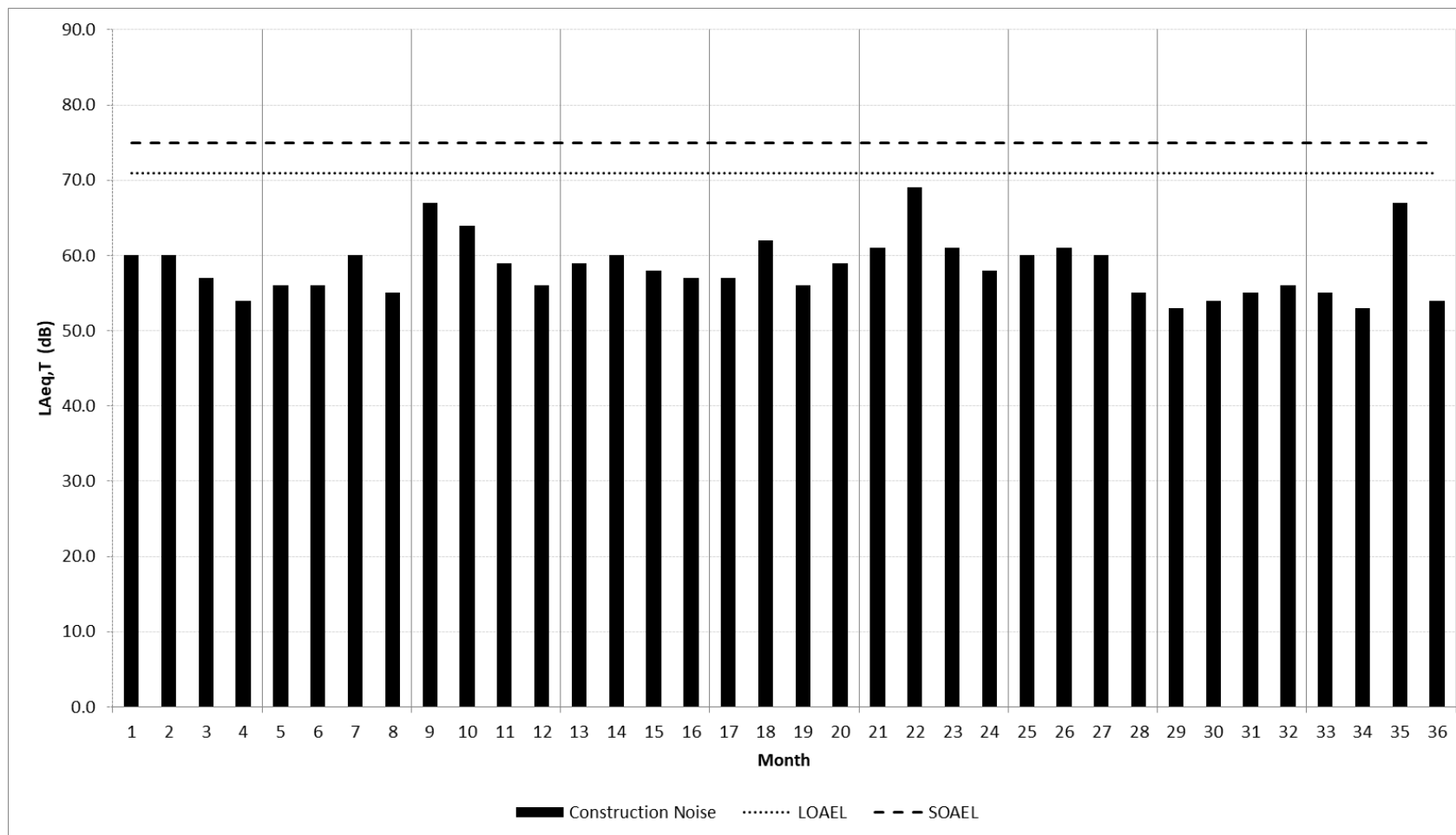
**Figure A.11.3.13: R05 - South View Close, Featherstone (North) – Day, Ground Floor**



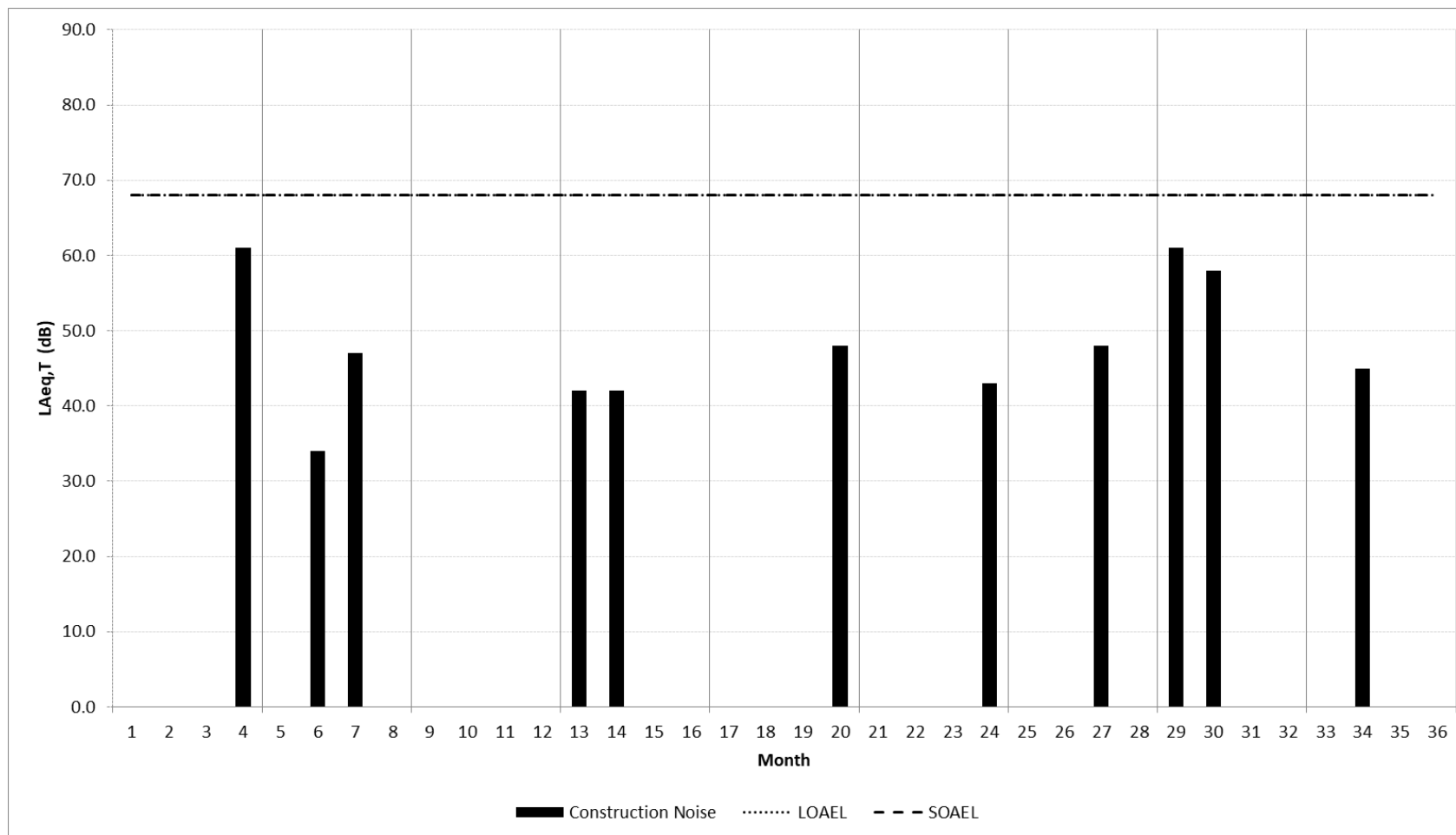
**Figure A.11.3.14: R05 - South View Close, Featherstone (North) – Evening/Weekend, Ground Floor**



**Figure A.11.3.15: R05 - South View Close, Featherstone (North) – Night, Ground Floor**

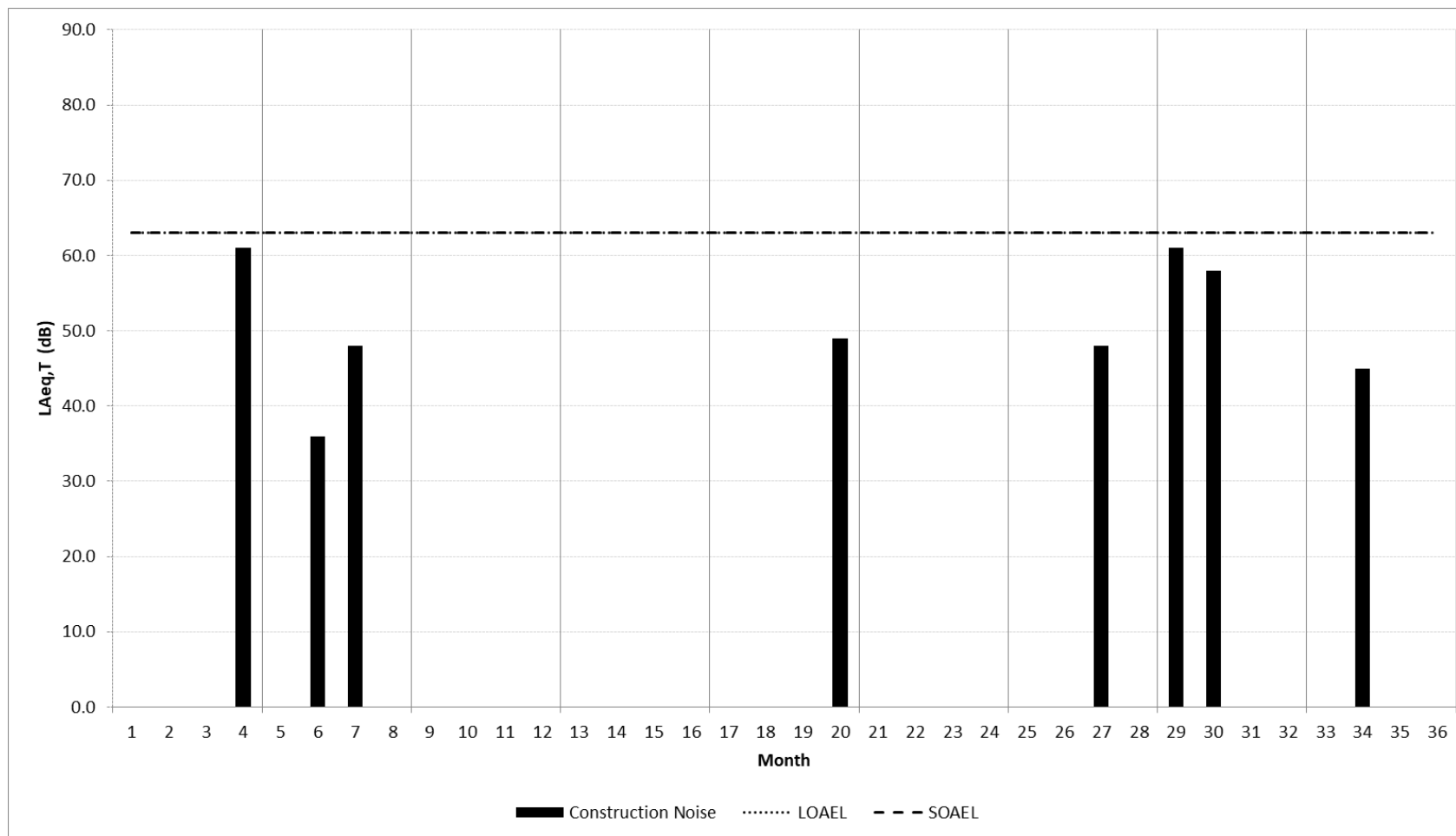


**Figure A.11.3.16: R06 - Cannock Road, Featherstone (South) – Day, Ground Floor**

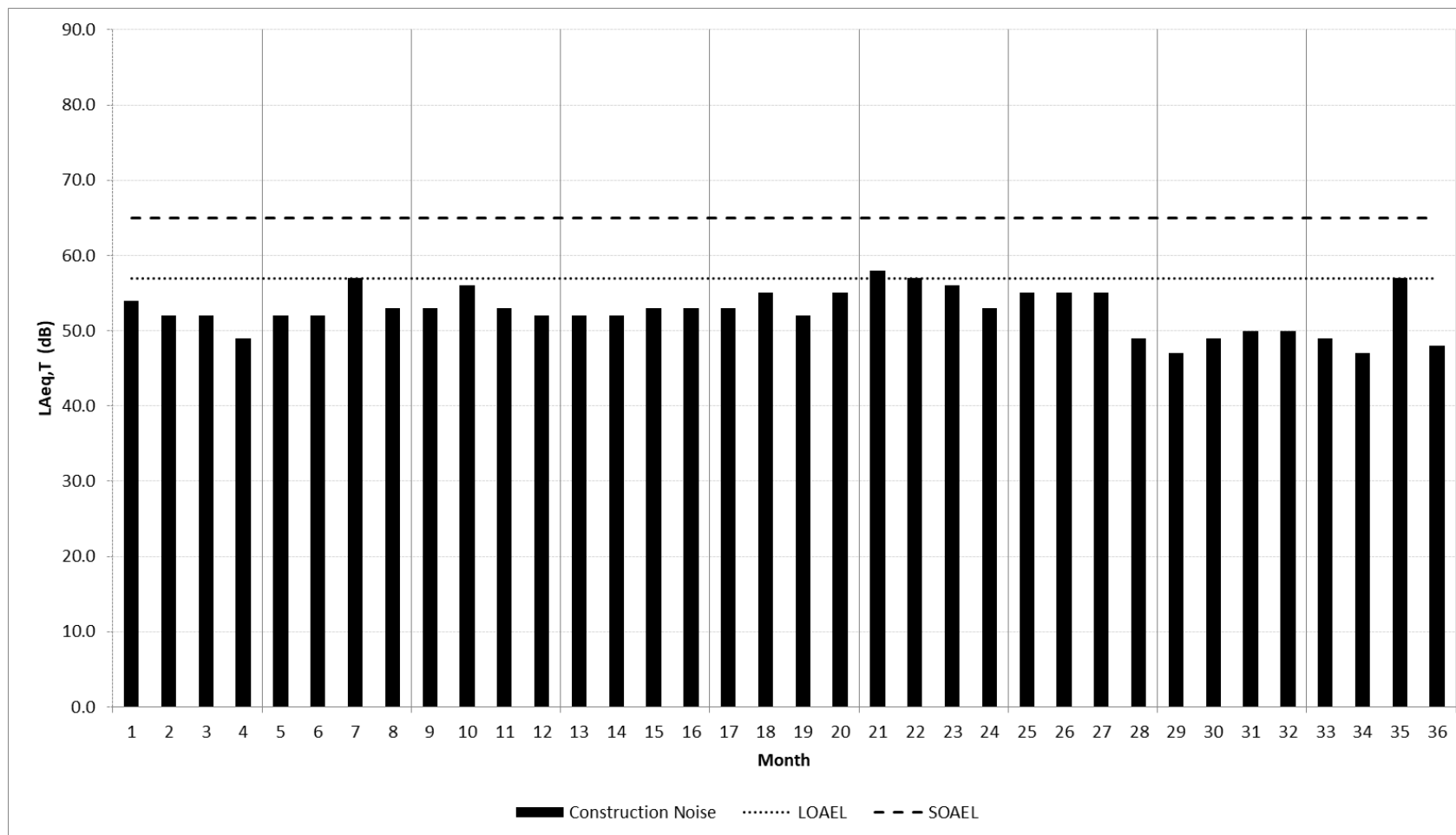


**Figure A.11.3.17: R06 - Cannock Road, Featherstone (South) – Evening/Weekend, Ground Floor**

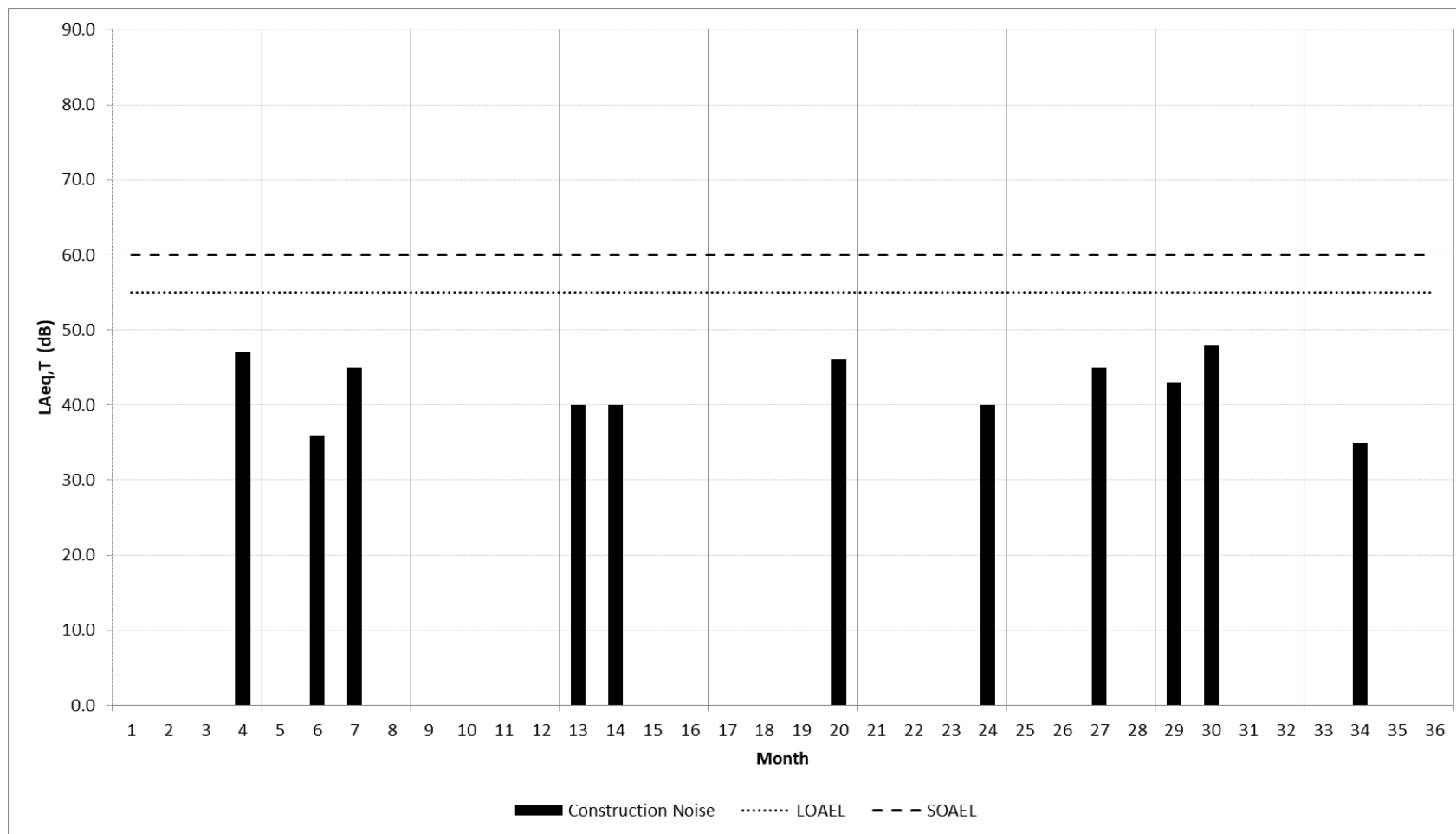




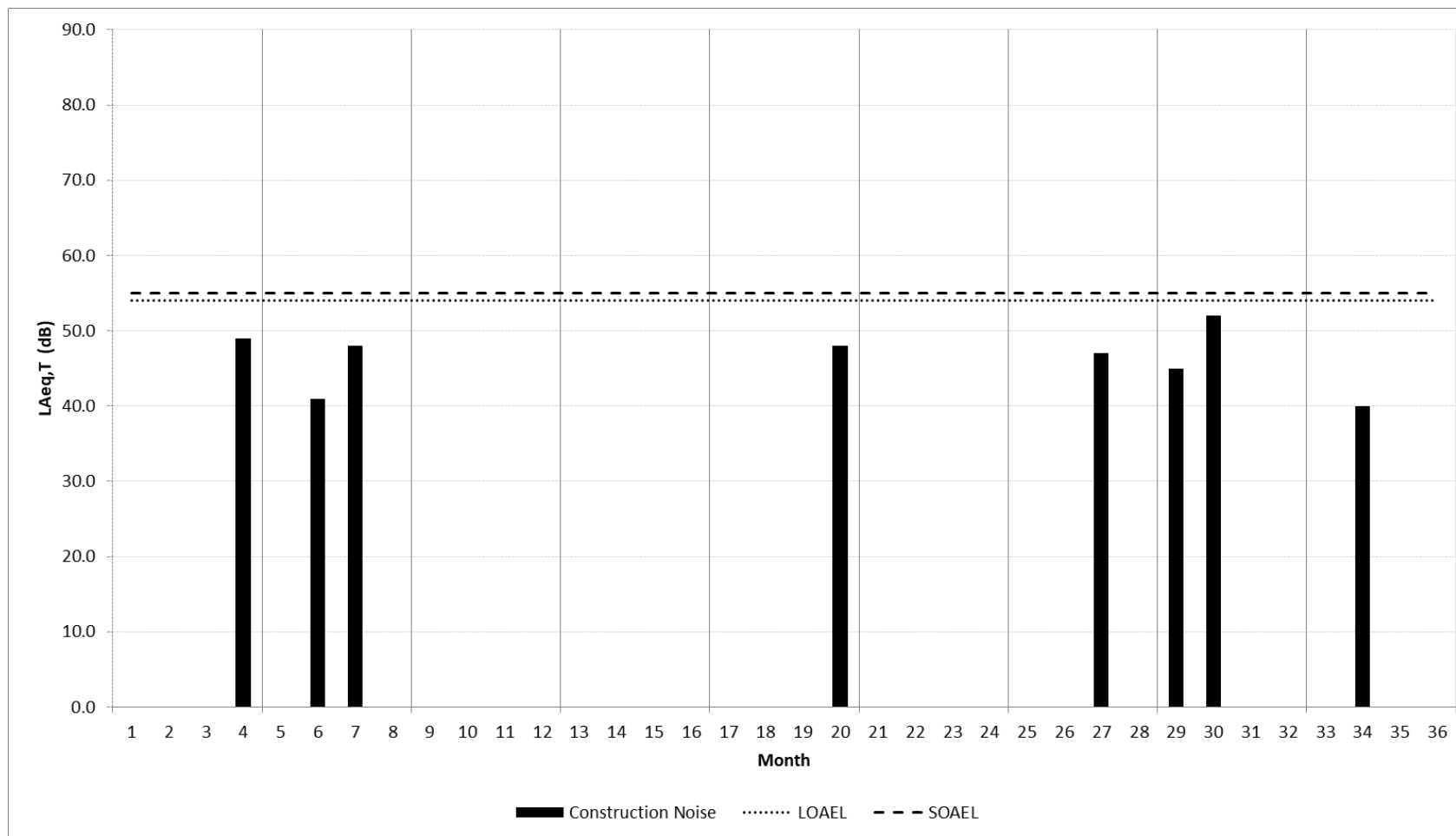
**Figure A.11.3.18: R06 - Cannock Road, Featherstone (South) – Night, First Floor**



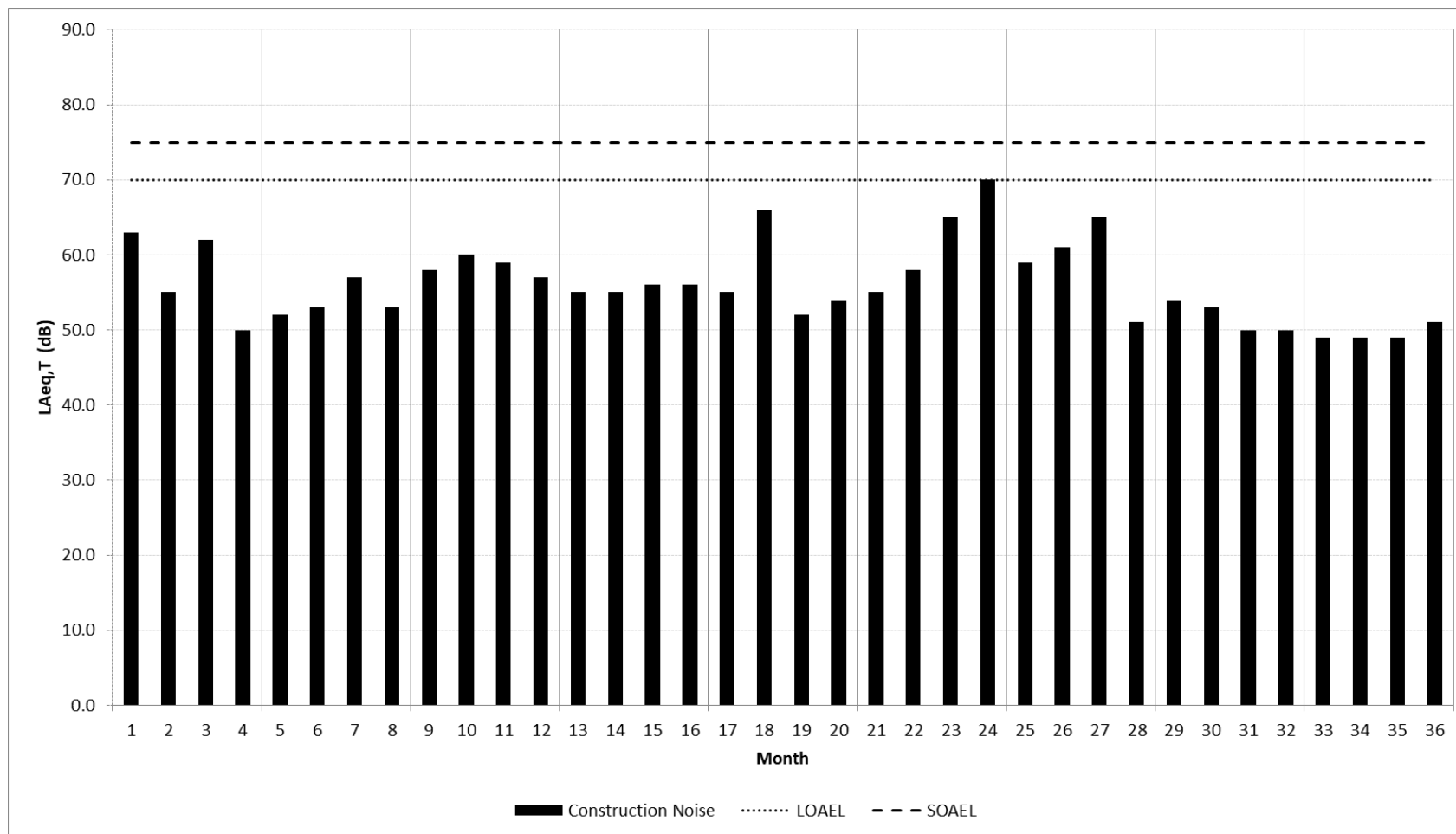
**Figure A.11.3.19: R07 - South Crescent, Featherstone – Day, Ground Floor**



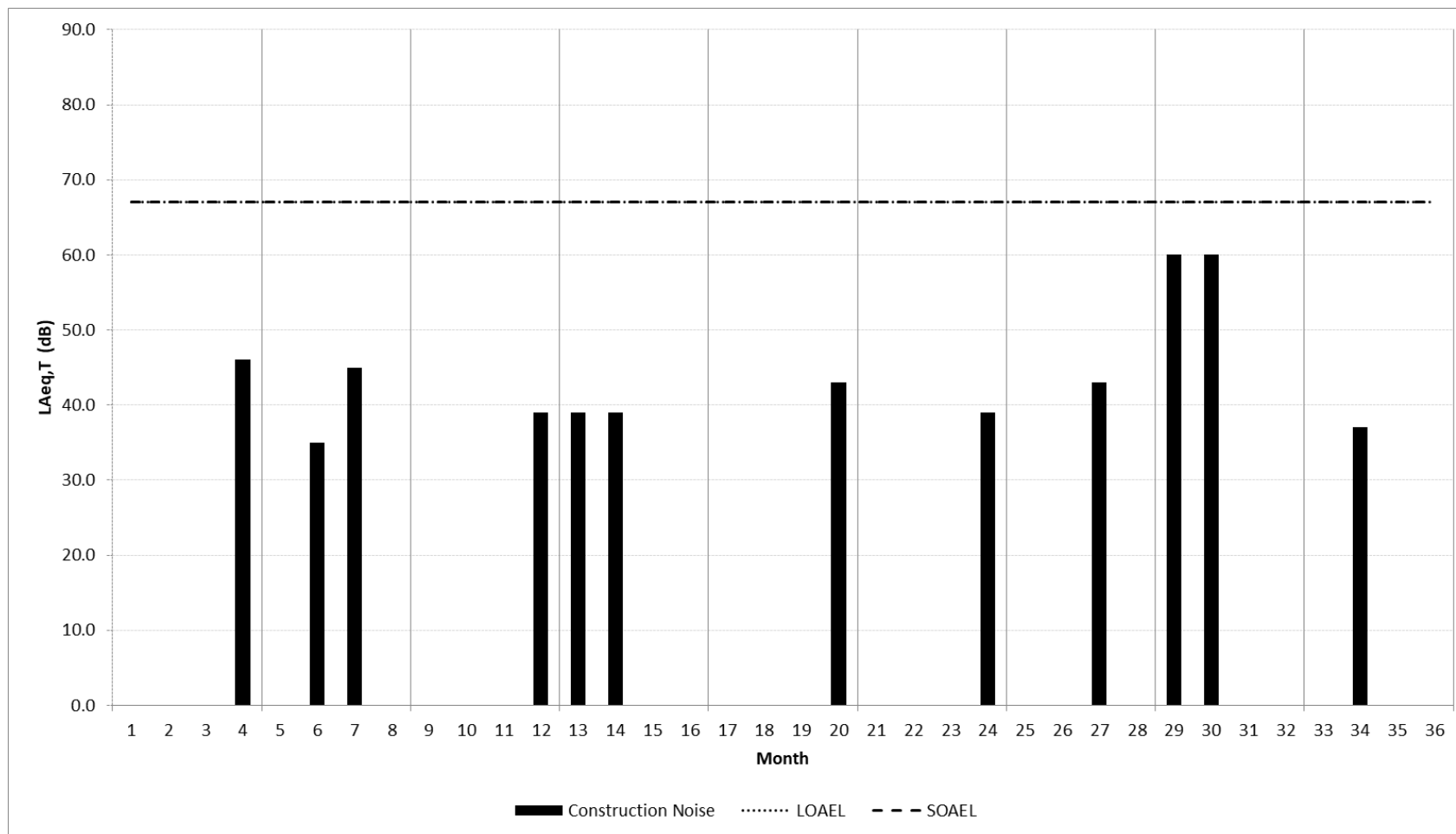
**Figure A.11.3.20: R07 - South Crescent, Featherstone – Evening/Weekend, Ground Floor**



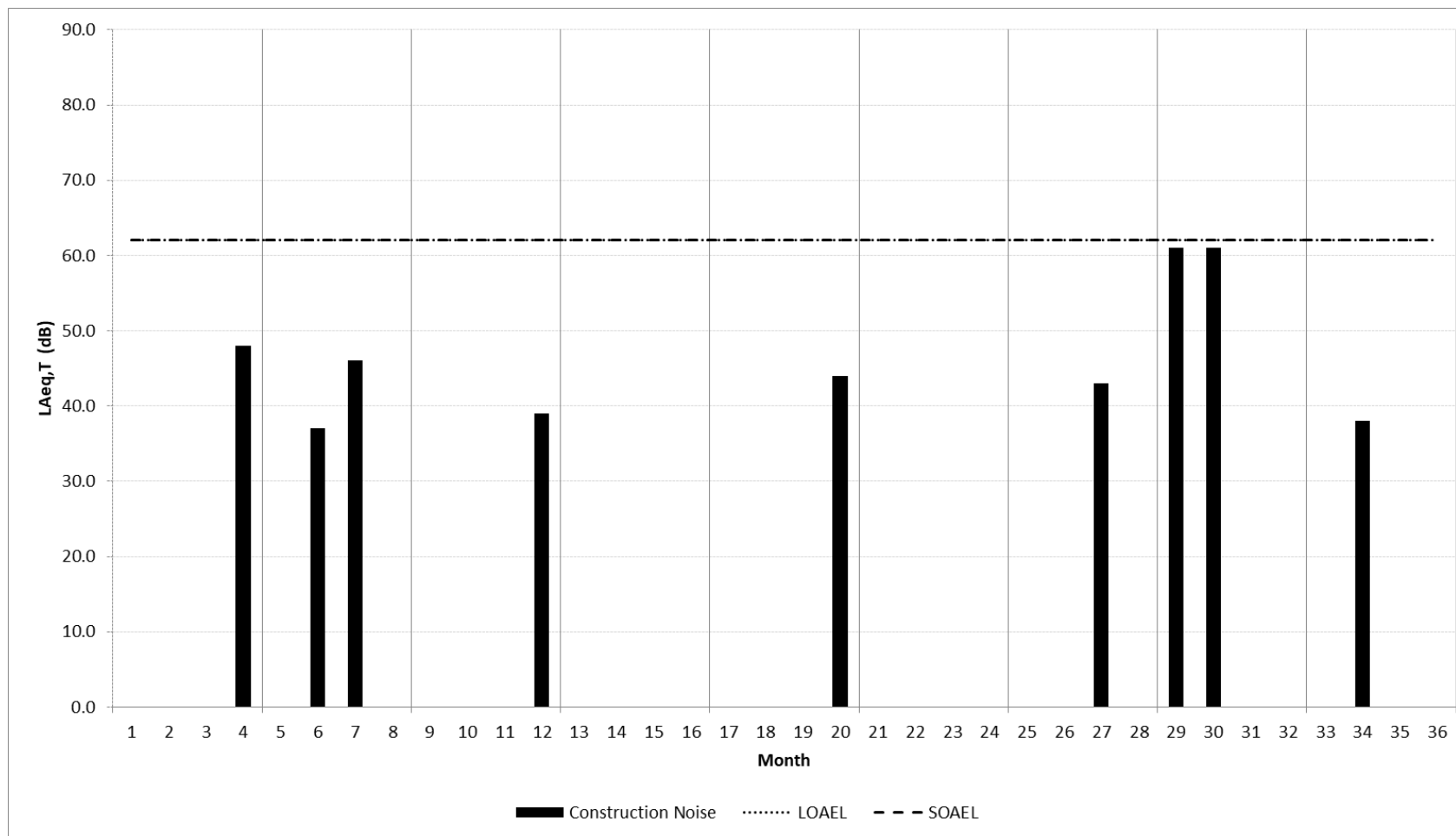
**Figure A.11.3.21: R07 - South Crescent, Featherstone – Night, First Floor**



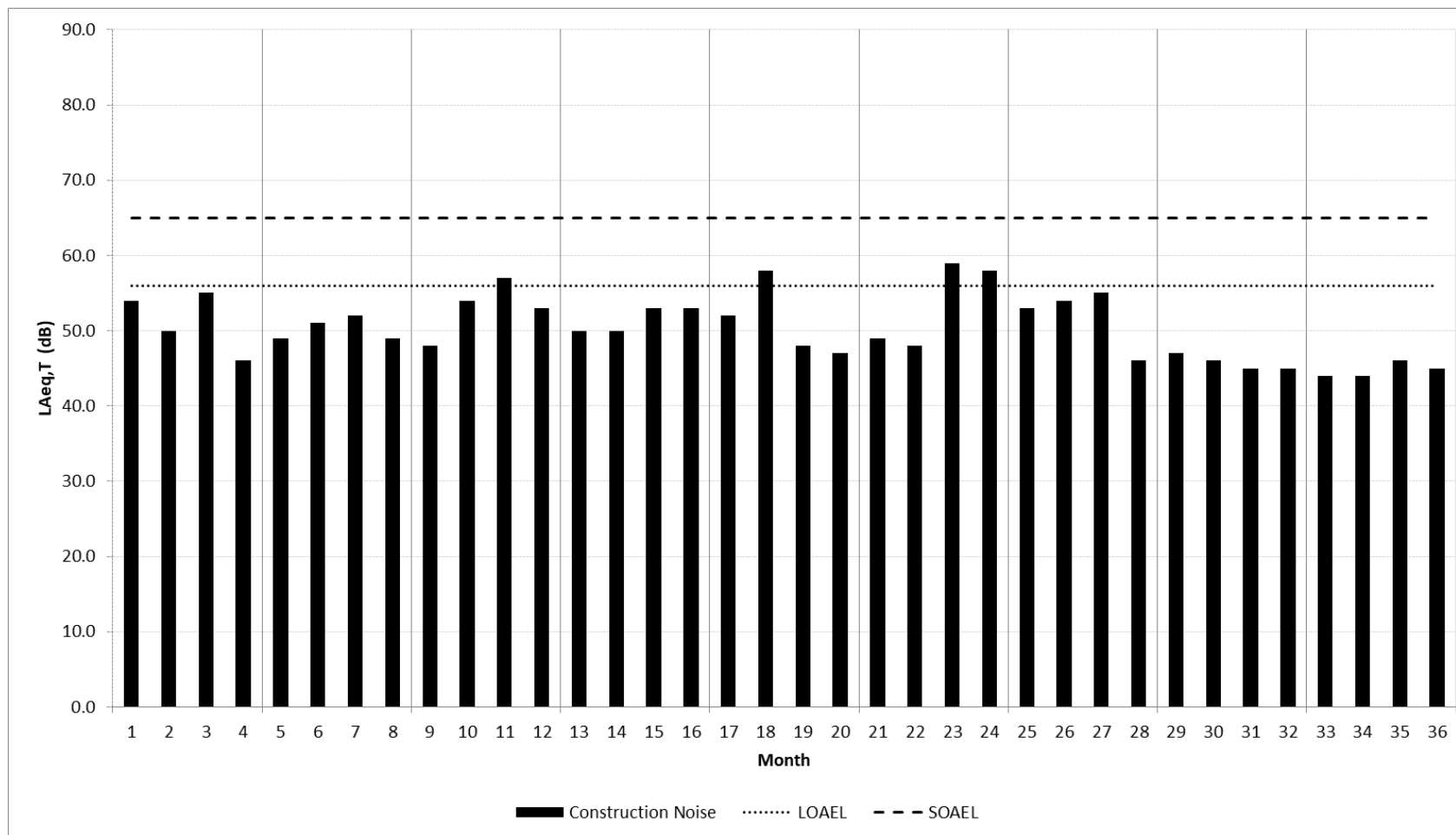
**Figure A.11.3.22: R08 - Cannock Road, Featherstone (Central) – Day, Ground Floor**



**Figure A.11.3.23: R08 - Cannock Road, Featherstone (Central) – Evening/Weekend, Ground Floor**

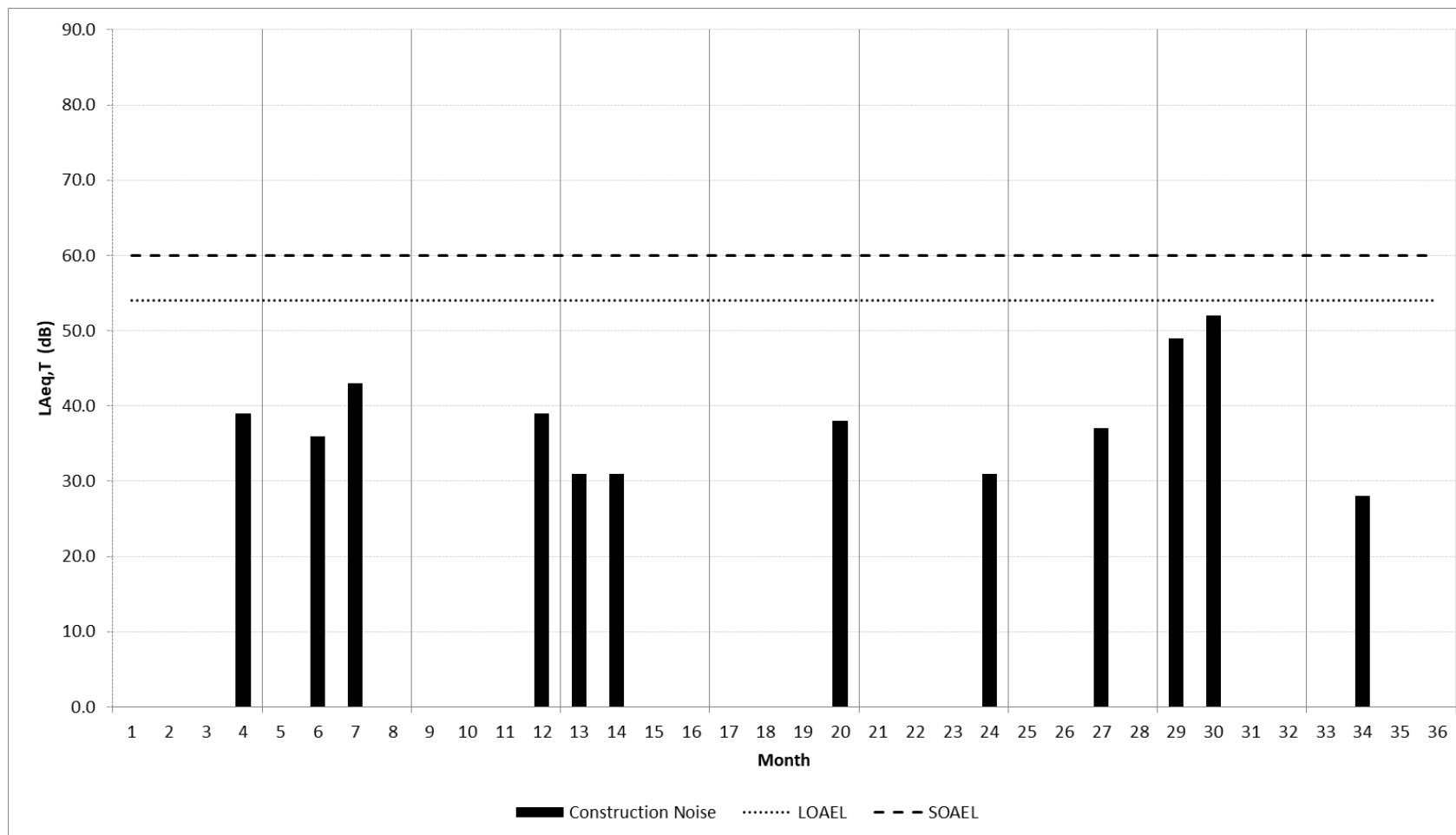


**Figure A.11.3.24: R08 - Cannock Road, Featherstone (Central) – Night, First Floor**

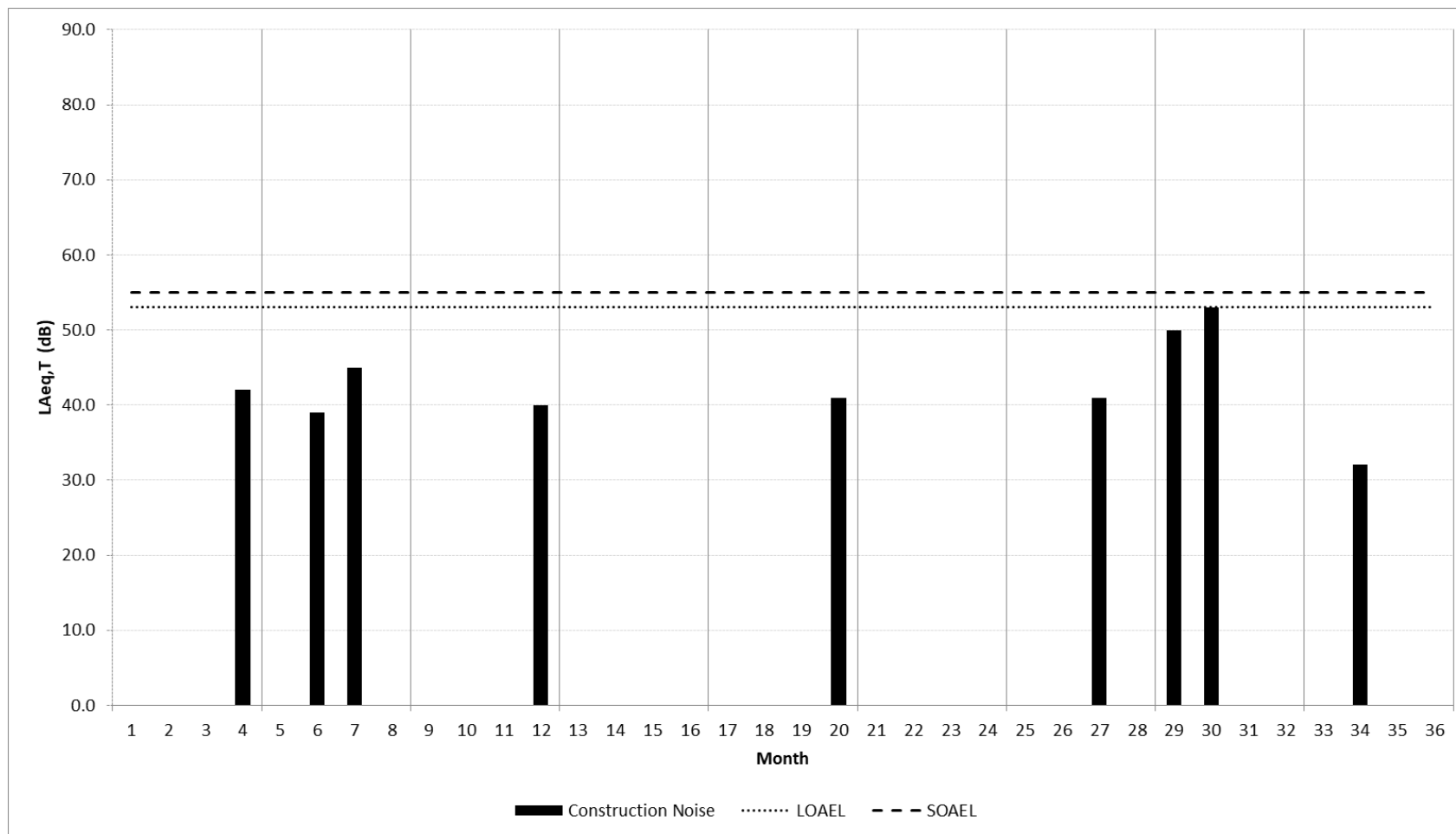


**Figure A.11.3.25: R09 - Olde Hall Road, Featherstone – Day, Ground Floor**

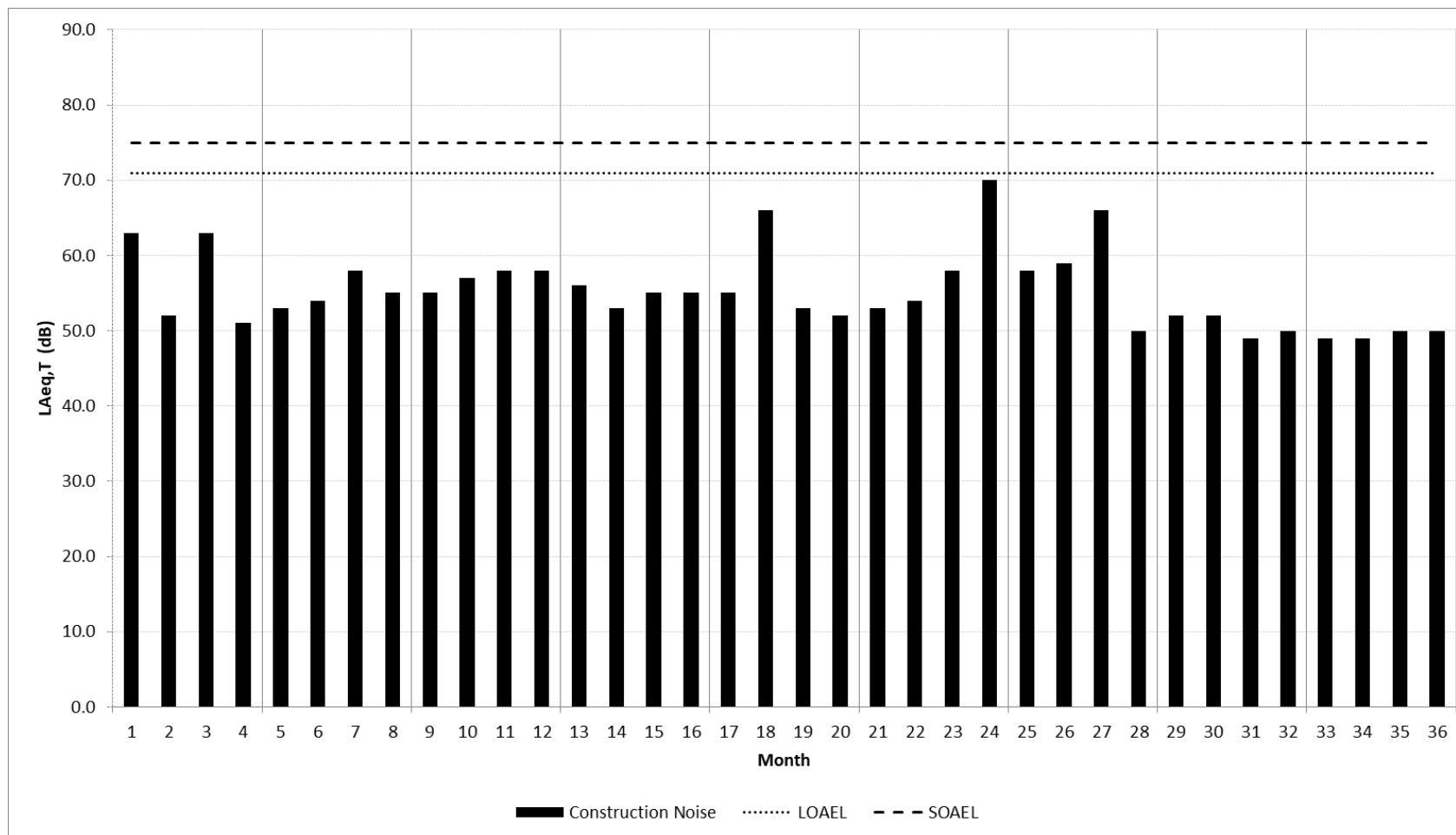




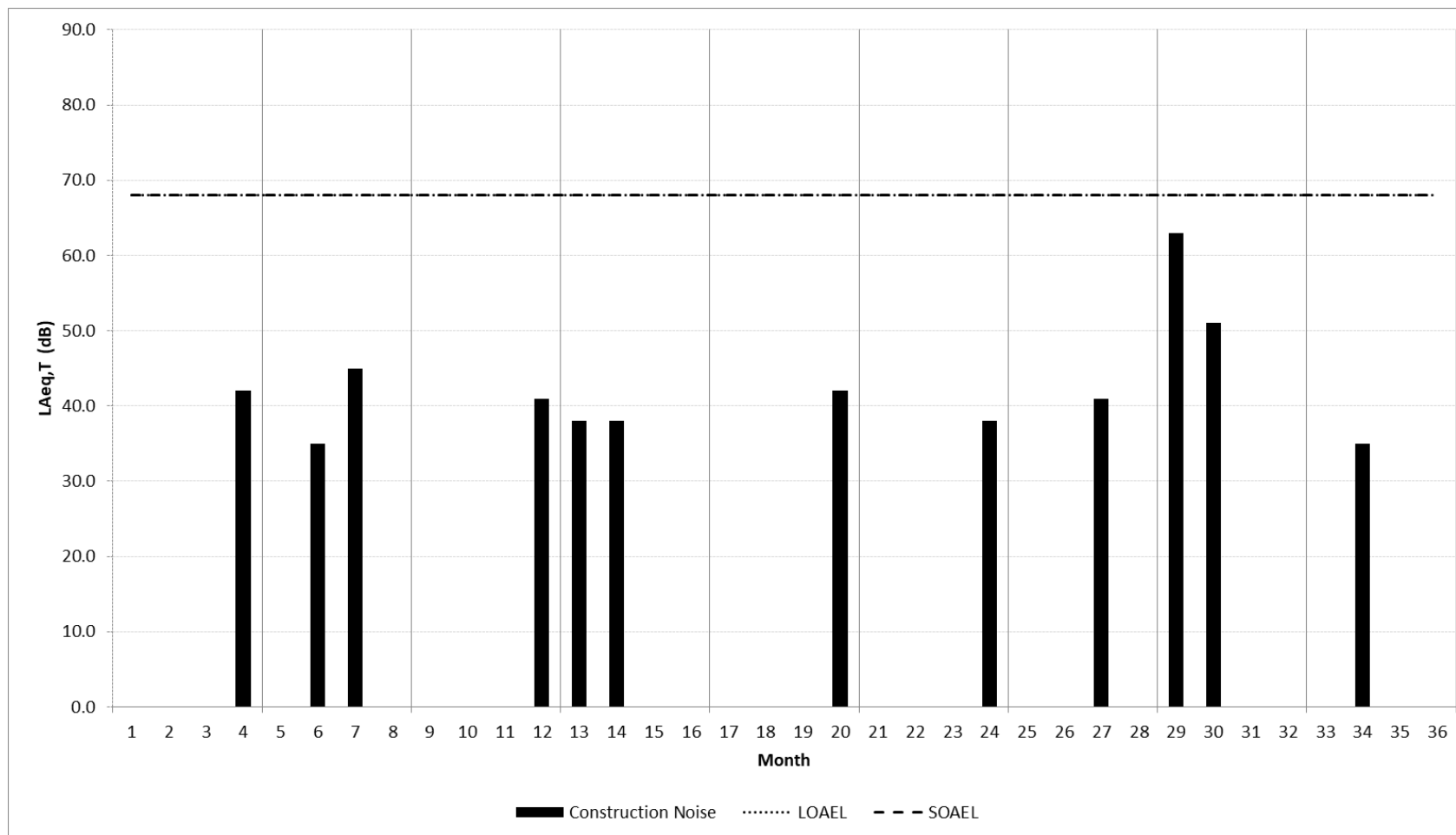
**Figure A.11.3.26: R09 - Olde Hall Road, Featherstone – Evening/Weekend, Ground Floor**



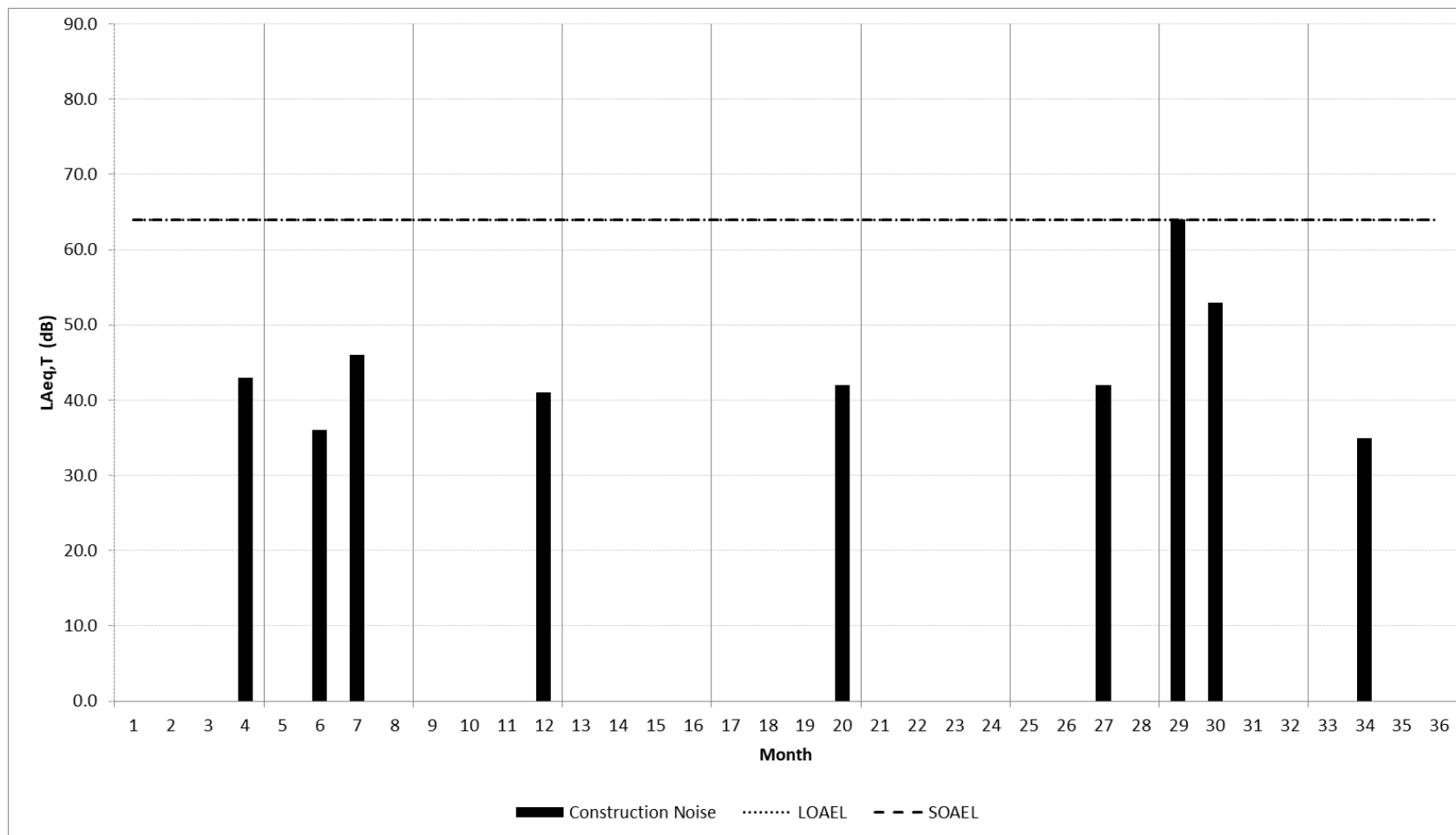
**Figure A.11.3.27: R09 - Olde Hall Road, Featherstone – Night, First Floor**



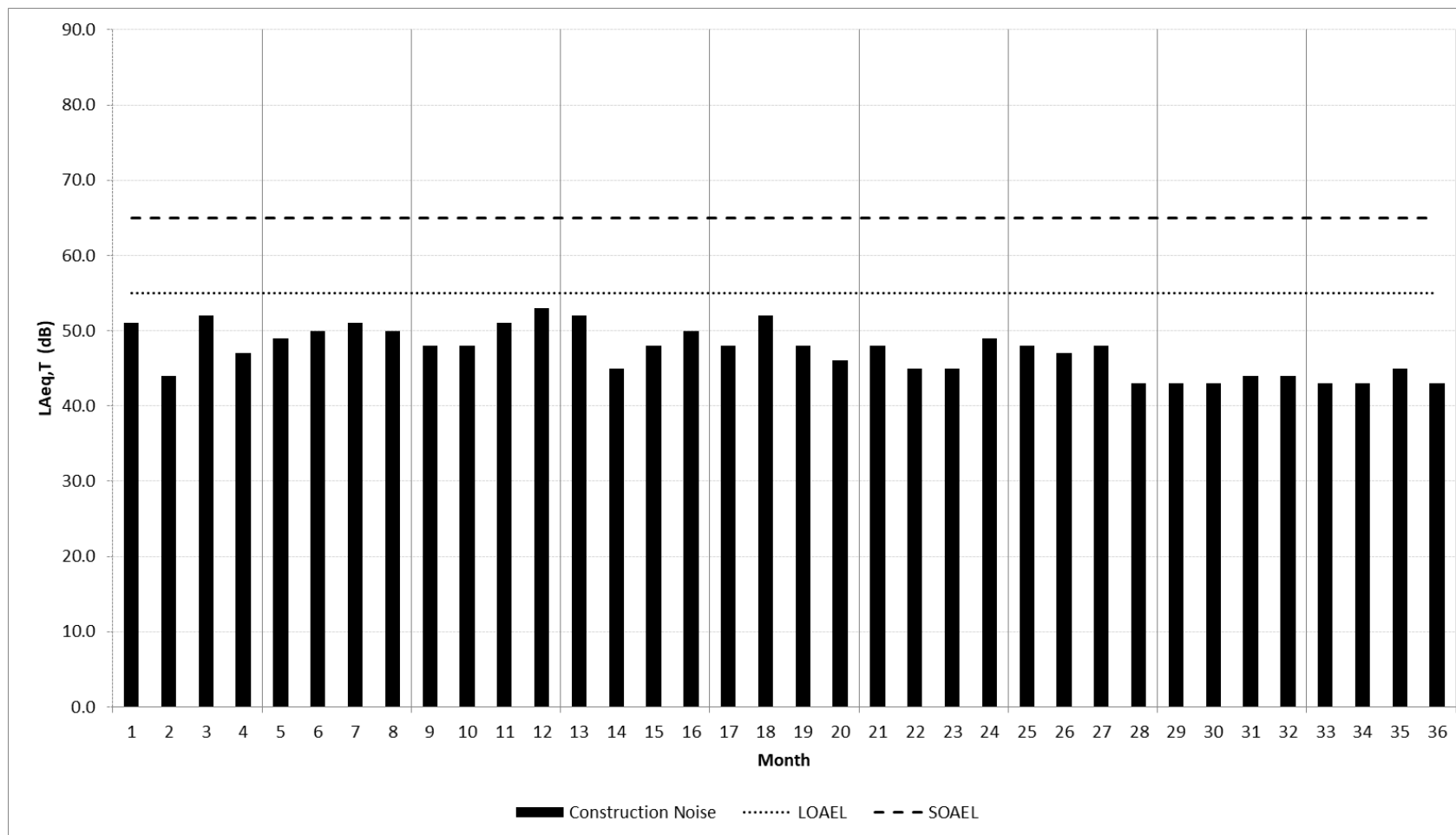
**Figure A.11.3.28: R10 - Cannock Road, Featherstone (North) – Day, Ground Floor**



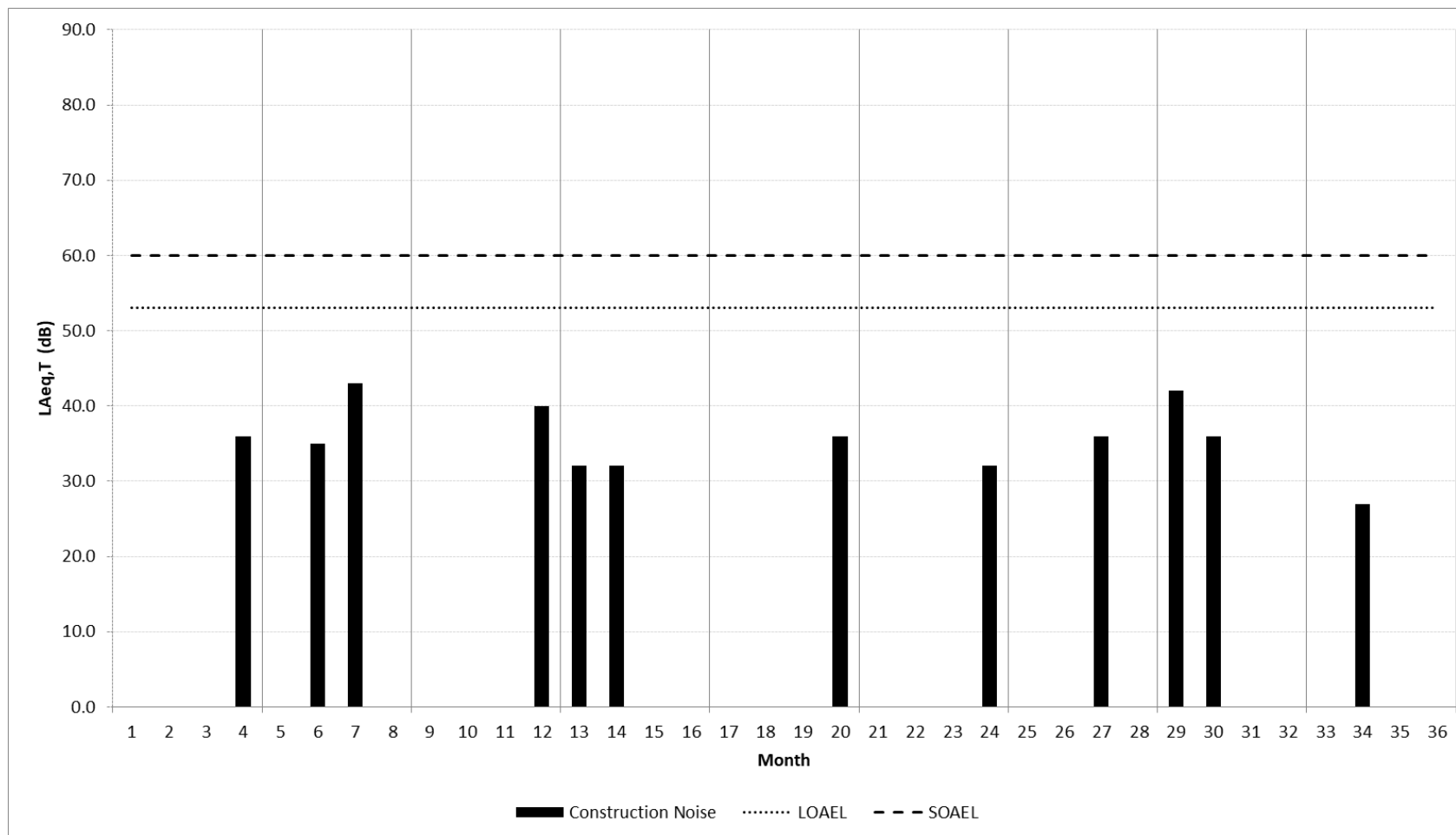
**Figure A.11.3.29: R10 - Cannock Road, Featherstone (North) – Evening/Weekend, Ground Floor**



**Figure A.11.3.30: R10 - Cannock Road, Featherstone (North) – Night, First Floor**



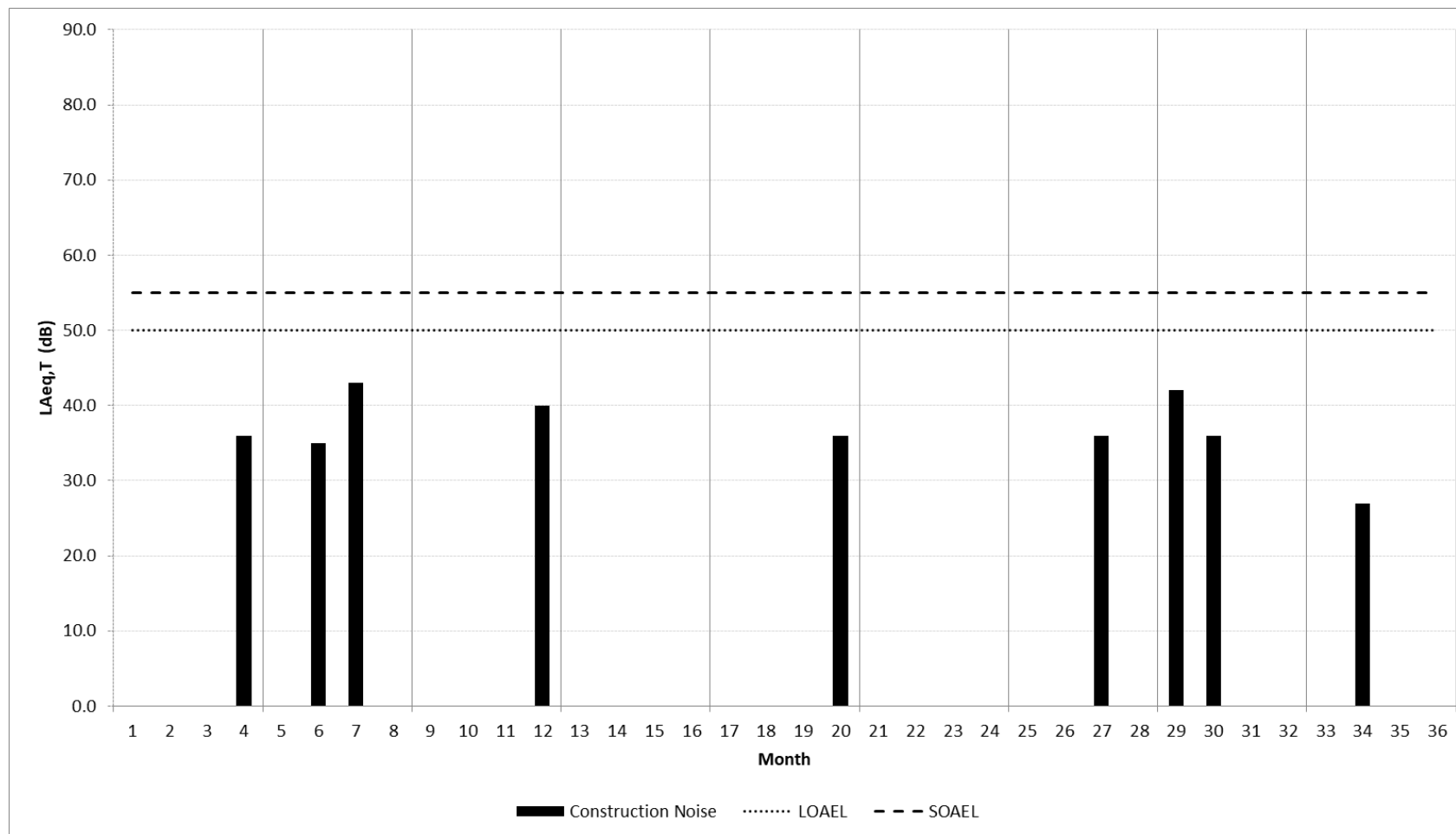
**Figure A.11.3.31: R11 - Hilton Road, Featherstone – Day, Ground Floor**



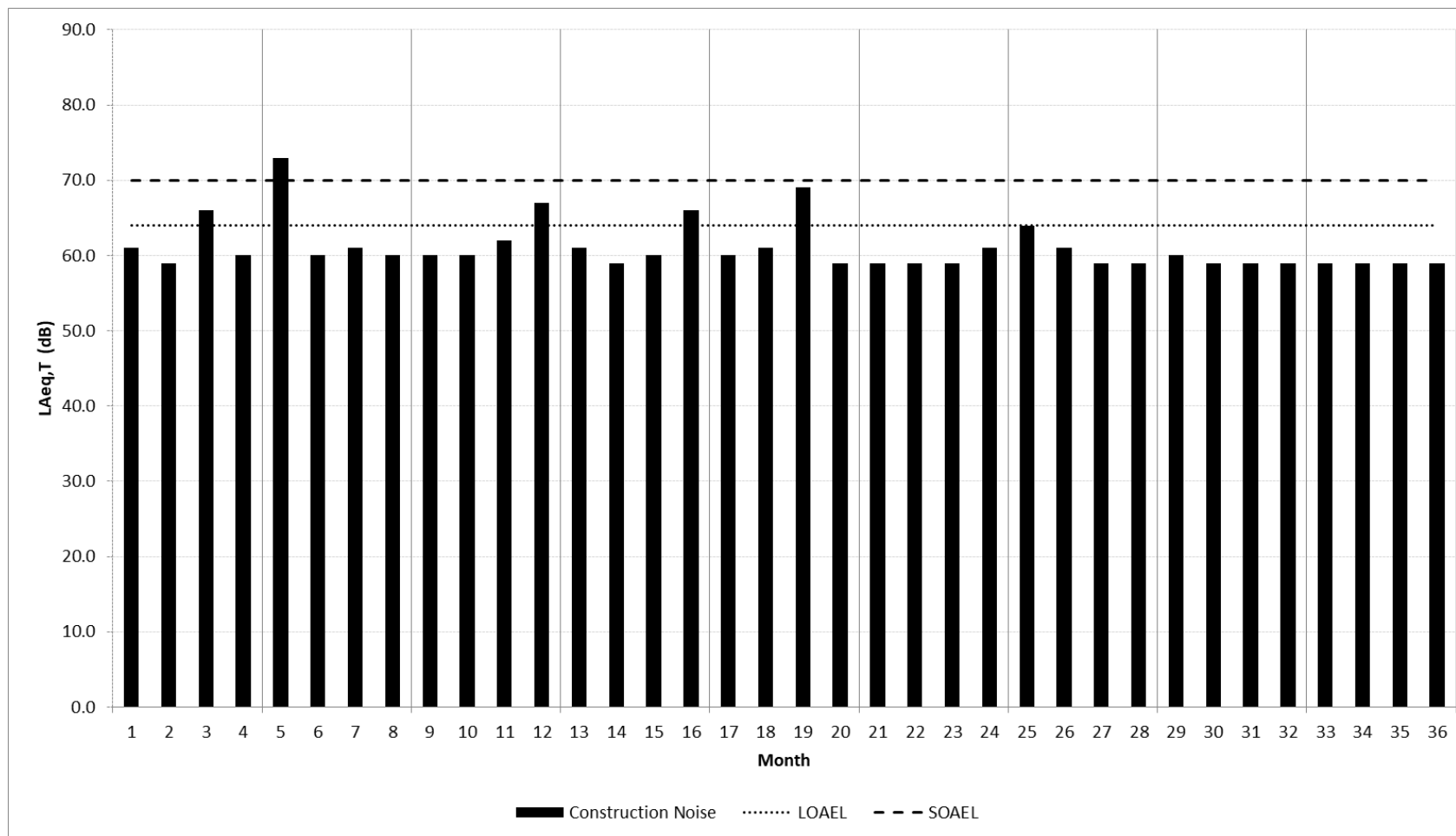
**Figure A.11.3.32: R11 - Hilton Road, Featherstone – Evening/Weekend, Ground Floor**



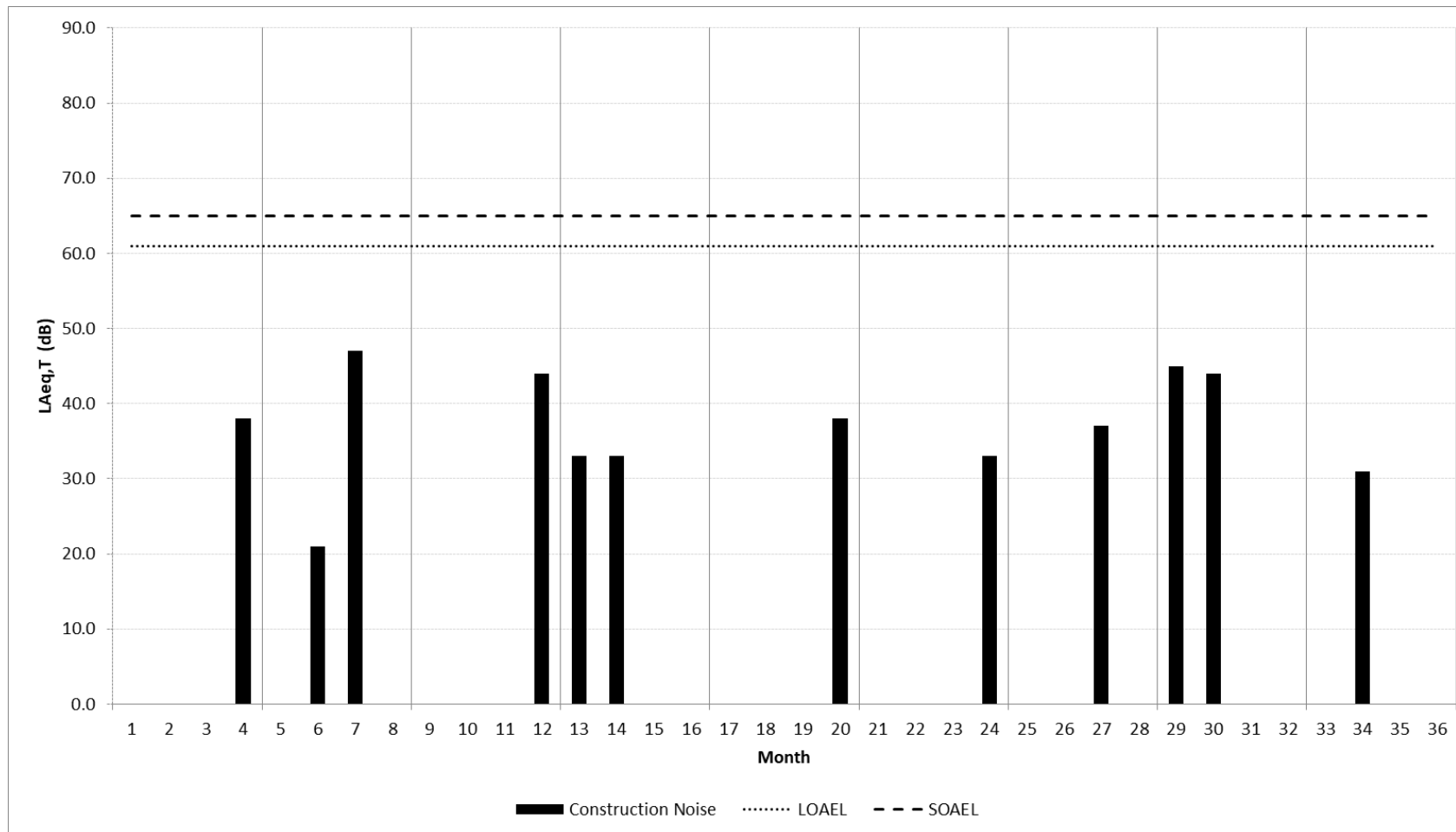




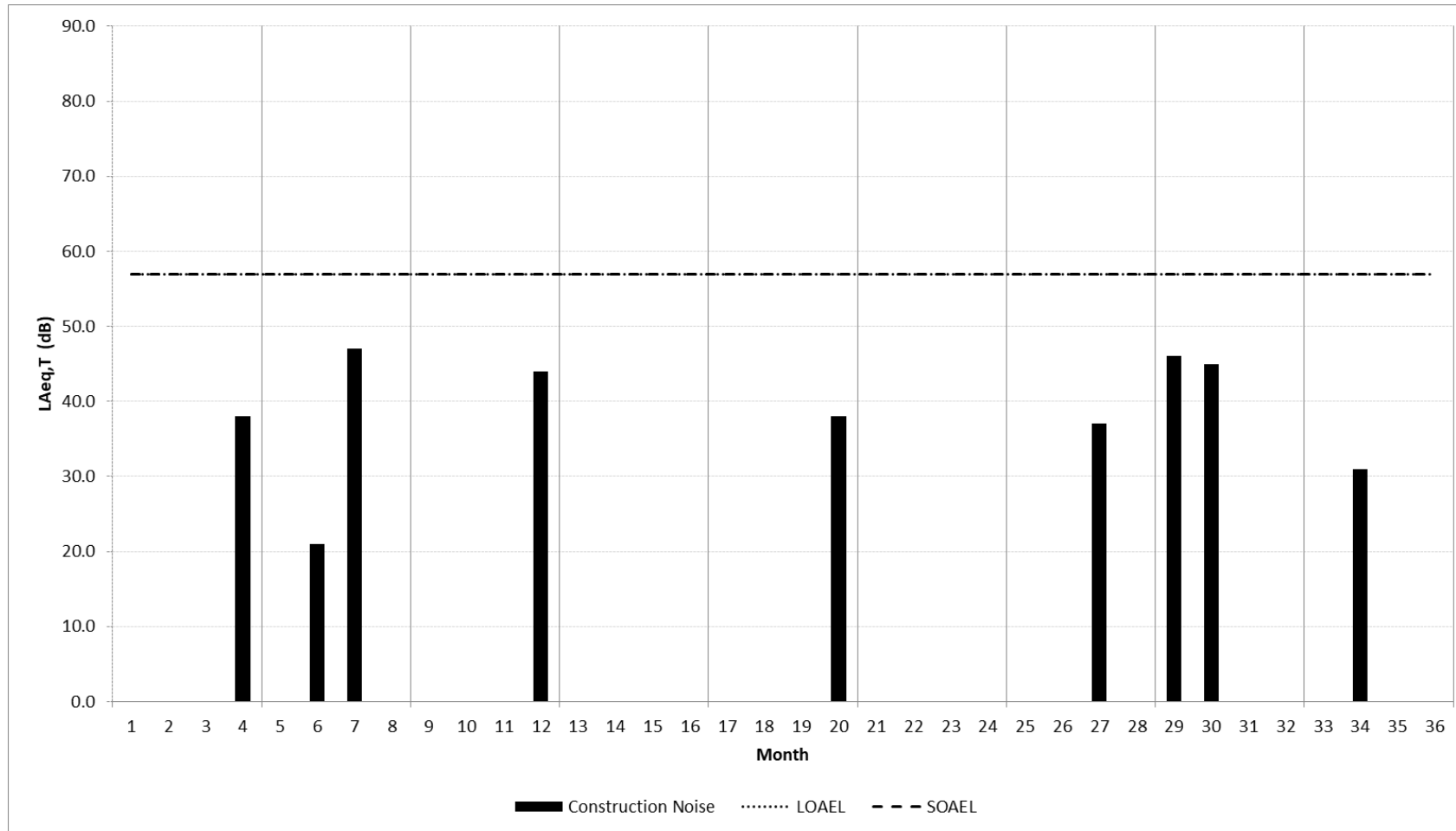
**Figure A.11.3.33: R11 - Hilton Road, Featherstone – Night, Ground Floor**



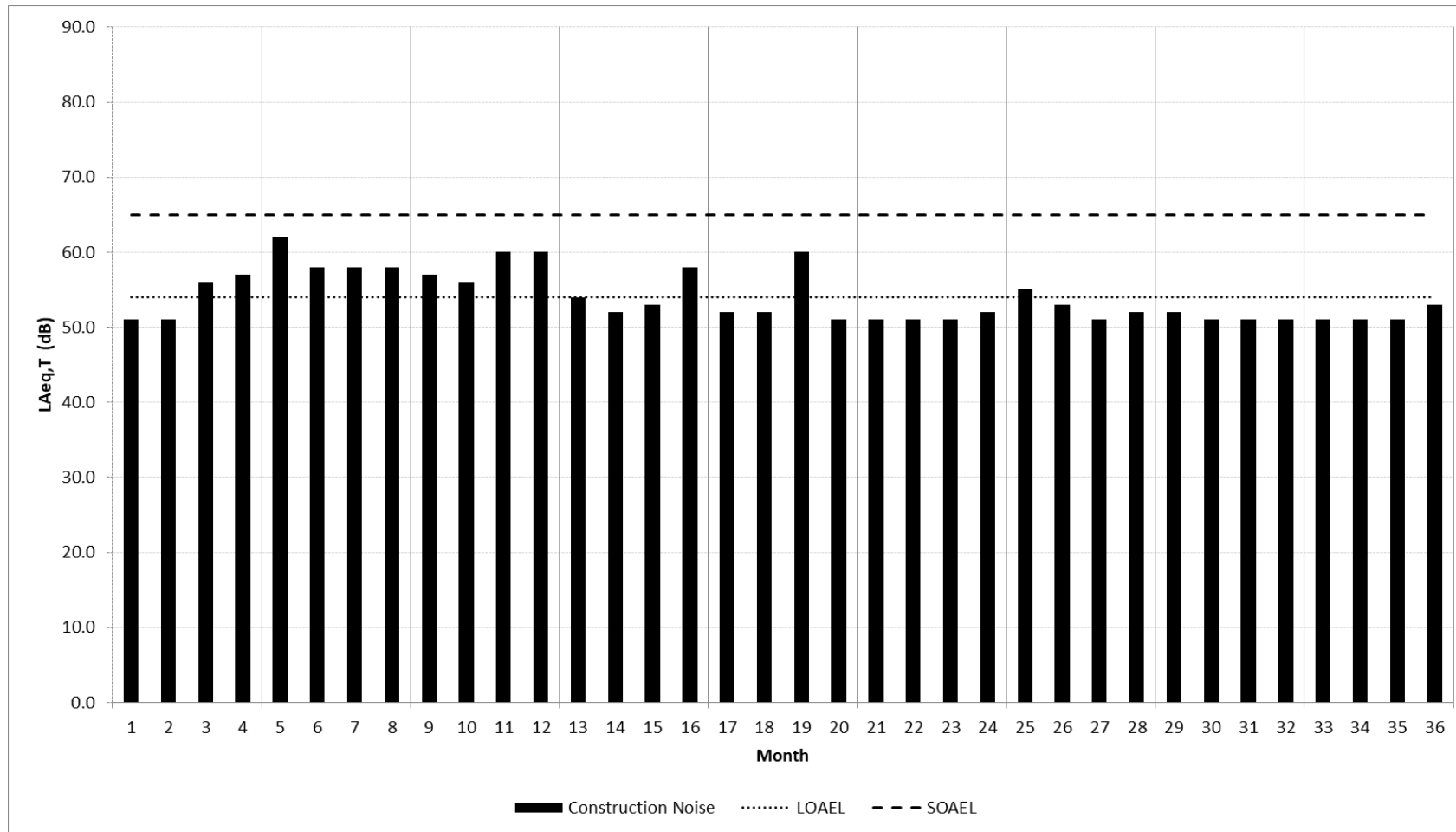
**Figure A.11.3.34: R12 - Dark Lane, Featherstone – Day, Ground Floor**



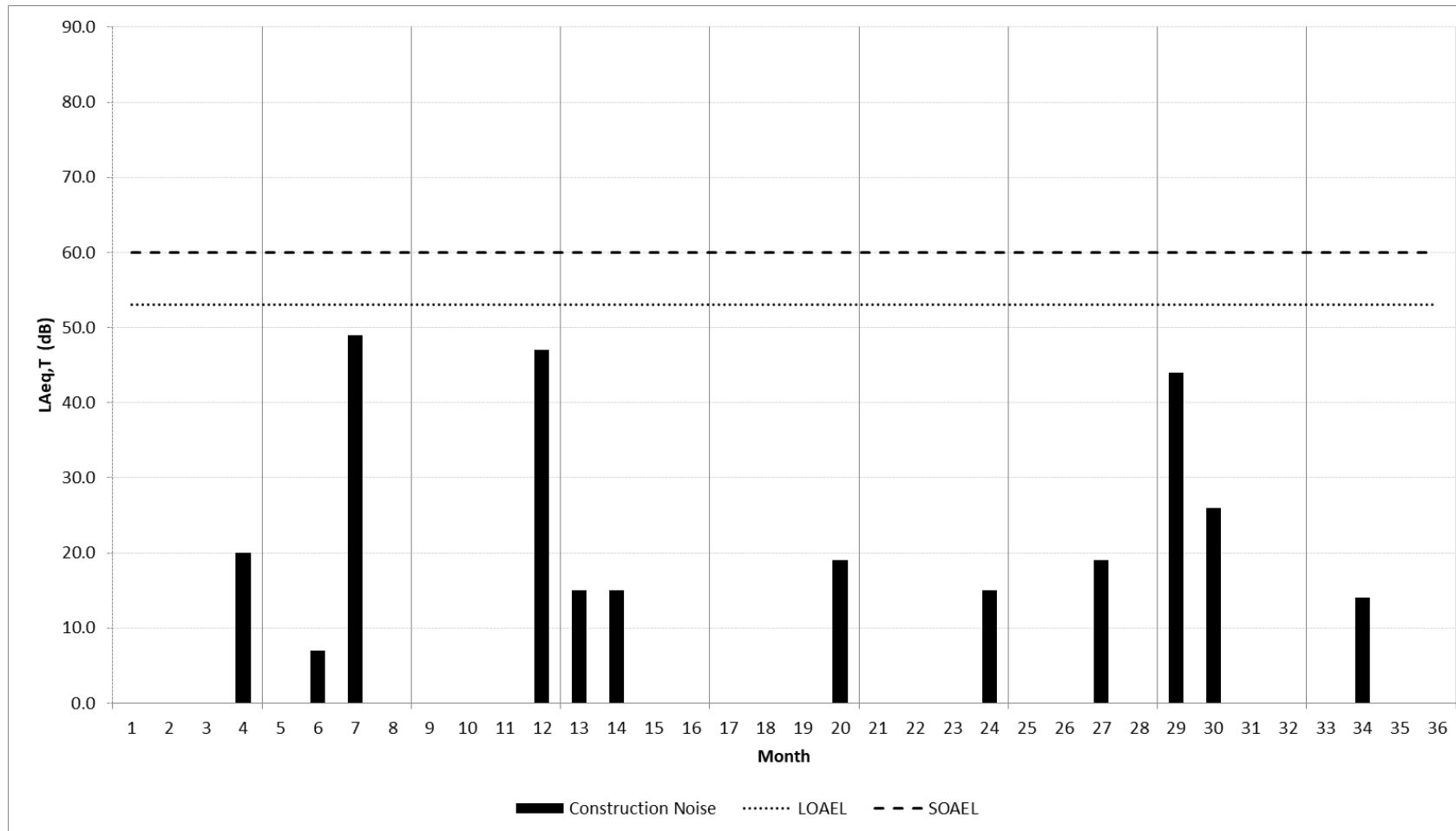
**Figure A.11.3.35: R12 - Dark Lane, Featherstone – Evening/Weekend, Ground Floor**



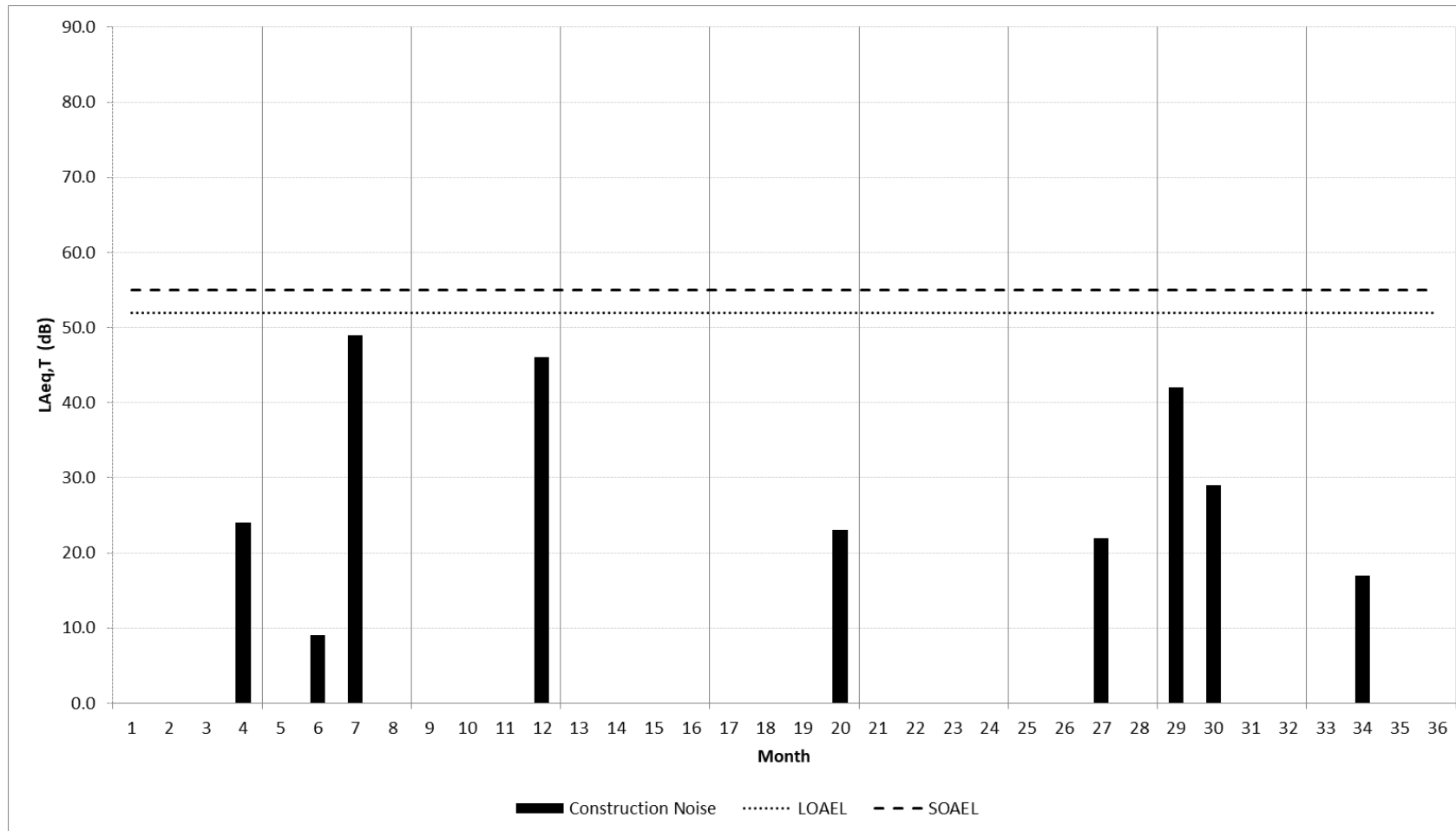
**Figure A.11.3.36: R12 - Dark Lane, Featherstone – Night, First Floor**



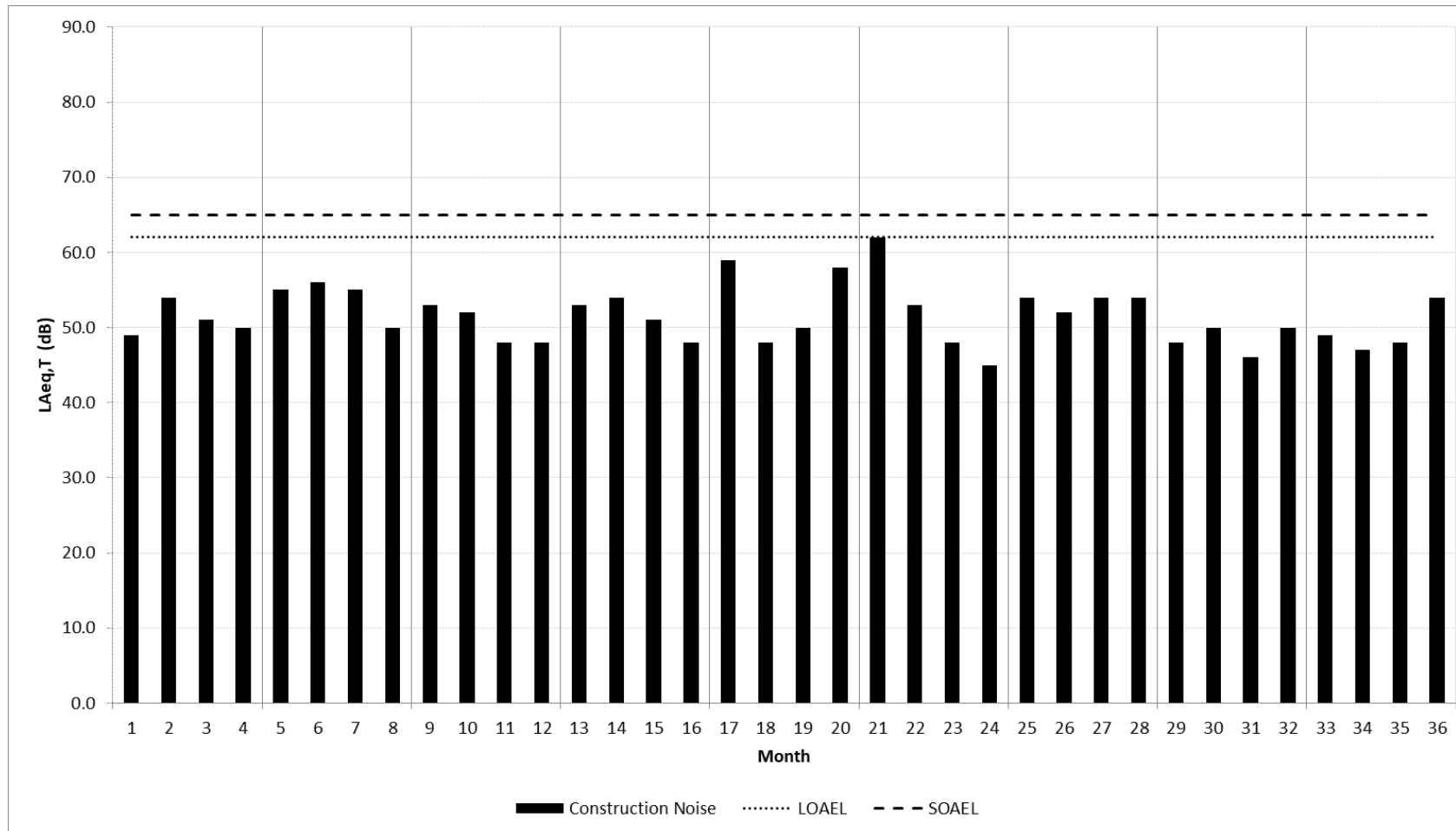
**Figure A.11.3.37: R13 - Park Road, Featherstone – Day, Ground Floor**



**Figure A.11.3.38: R13 - Park Road, Featherstone – Evening/Weekend, Ground Floor**

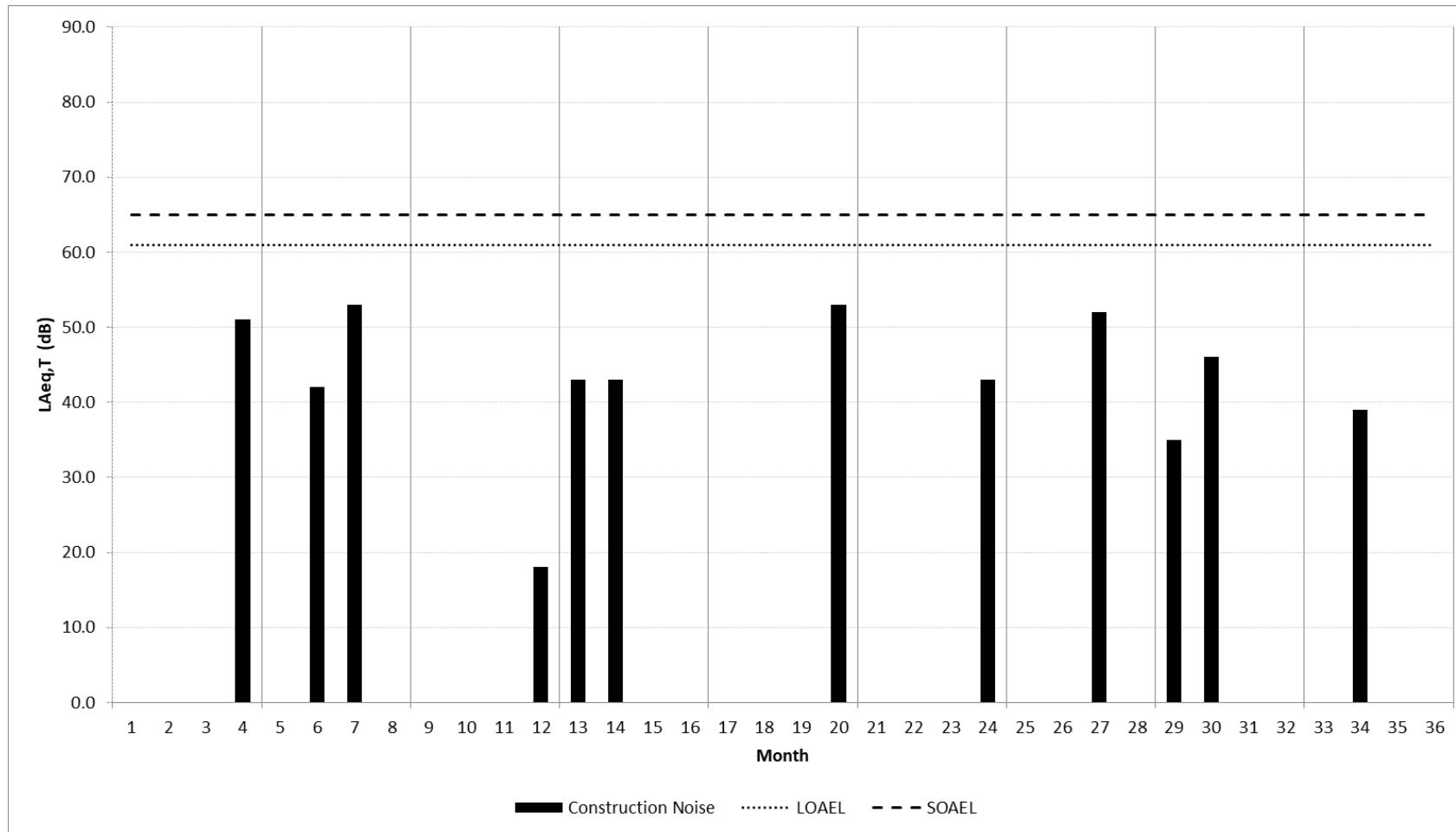


**Figure A.11.3.39: R13 - Park Road, Featherstone – Night, First Floor**

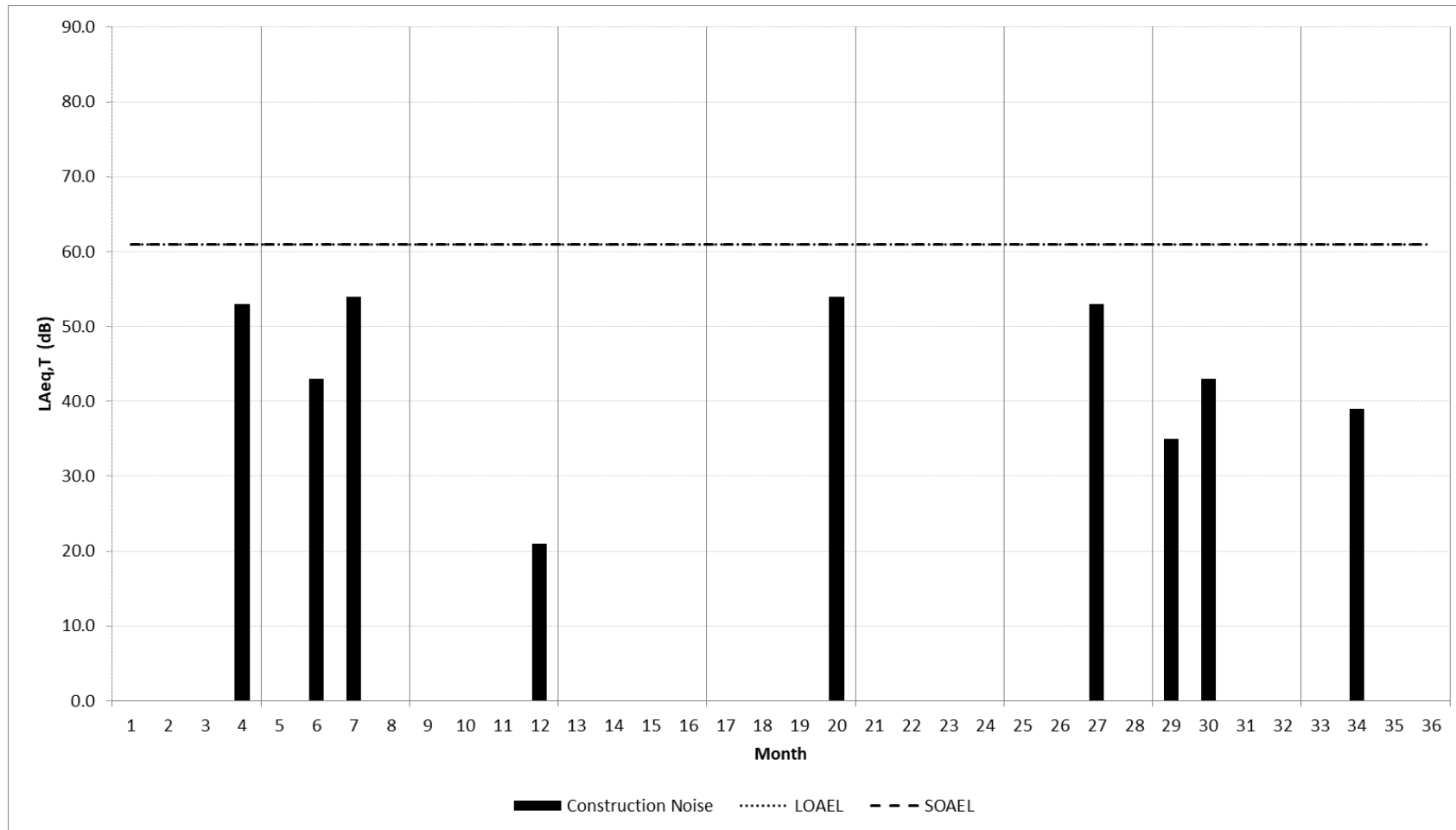


**Figure A.11.3.40: R14 - Tower House Farm, Hilton Lane, Hilton – Day, Ground Floor**

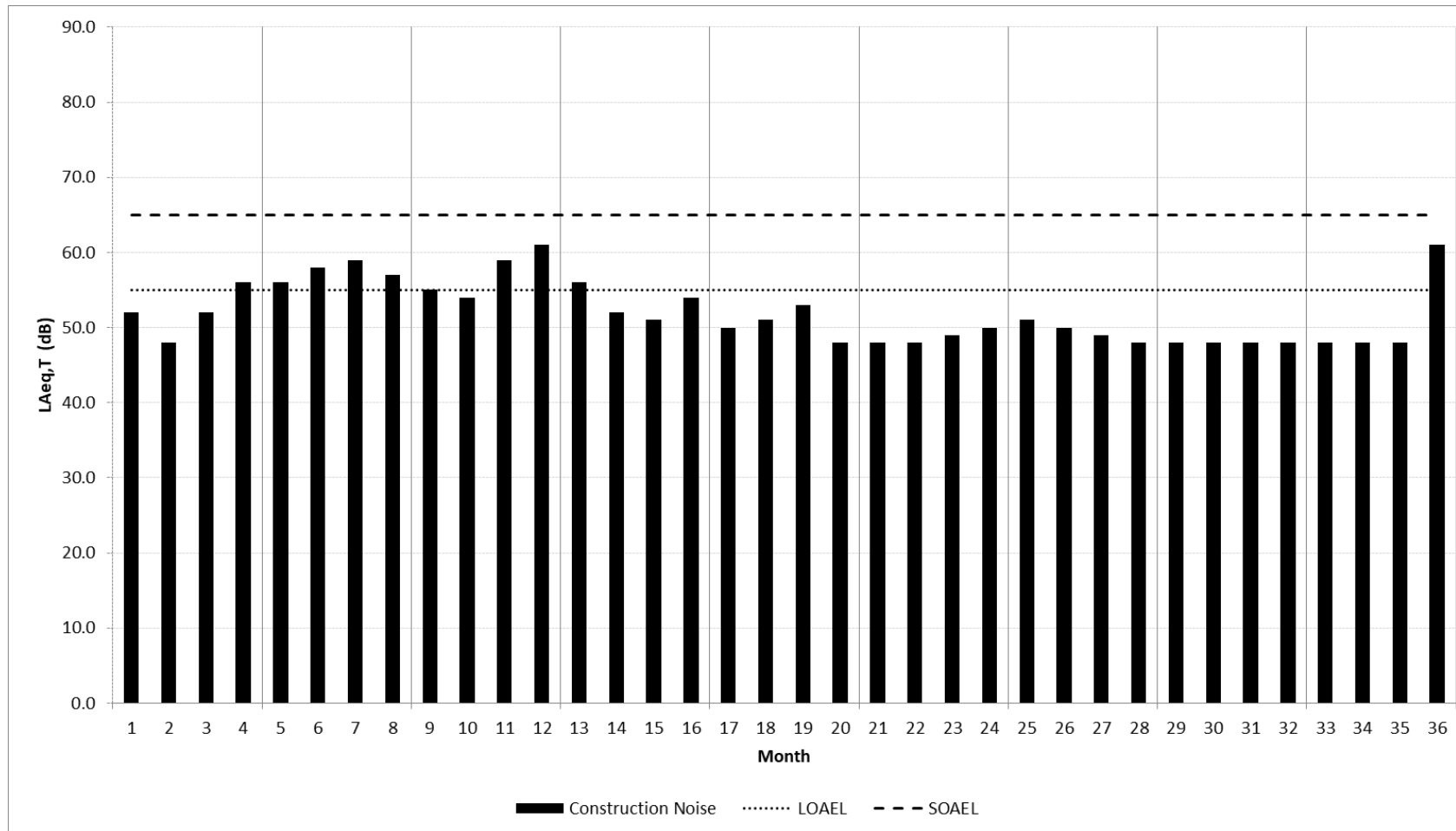




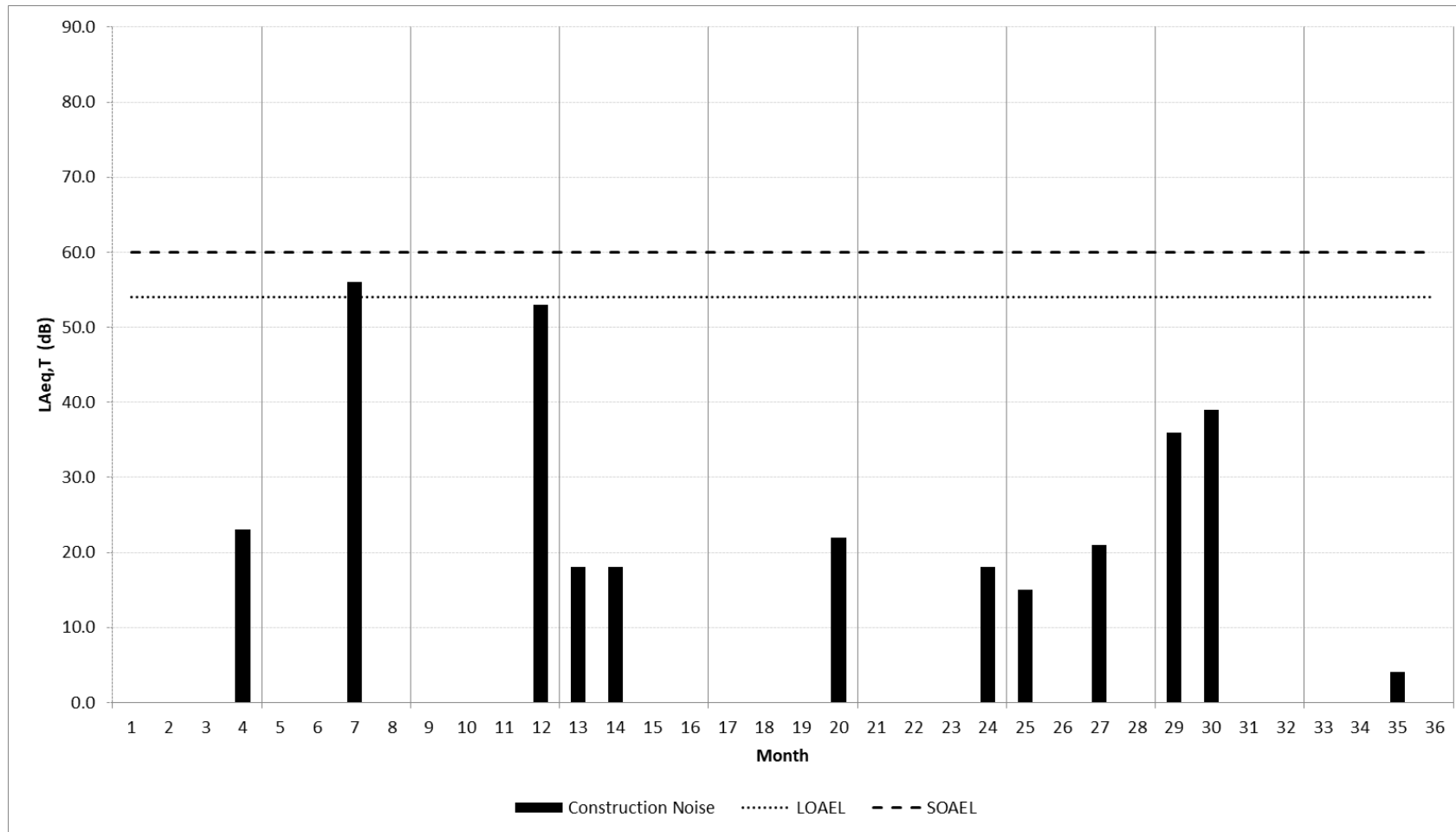
**Figure A.11.3.41: R14 - Tower House Farm, Hilton Lane, Hilton – Evening/Weekend, Ground Floor**



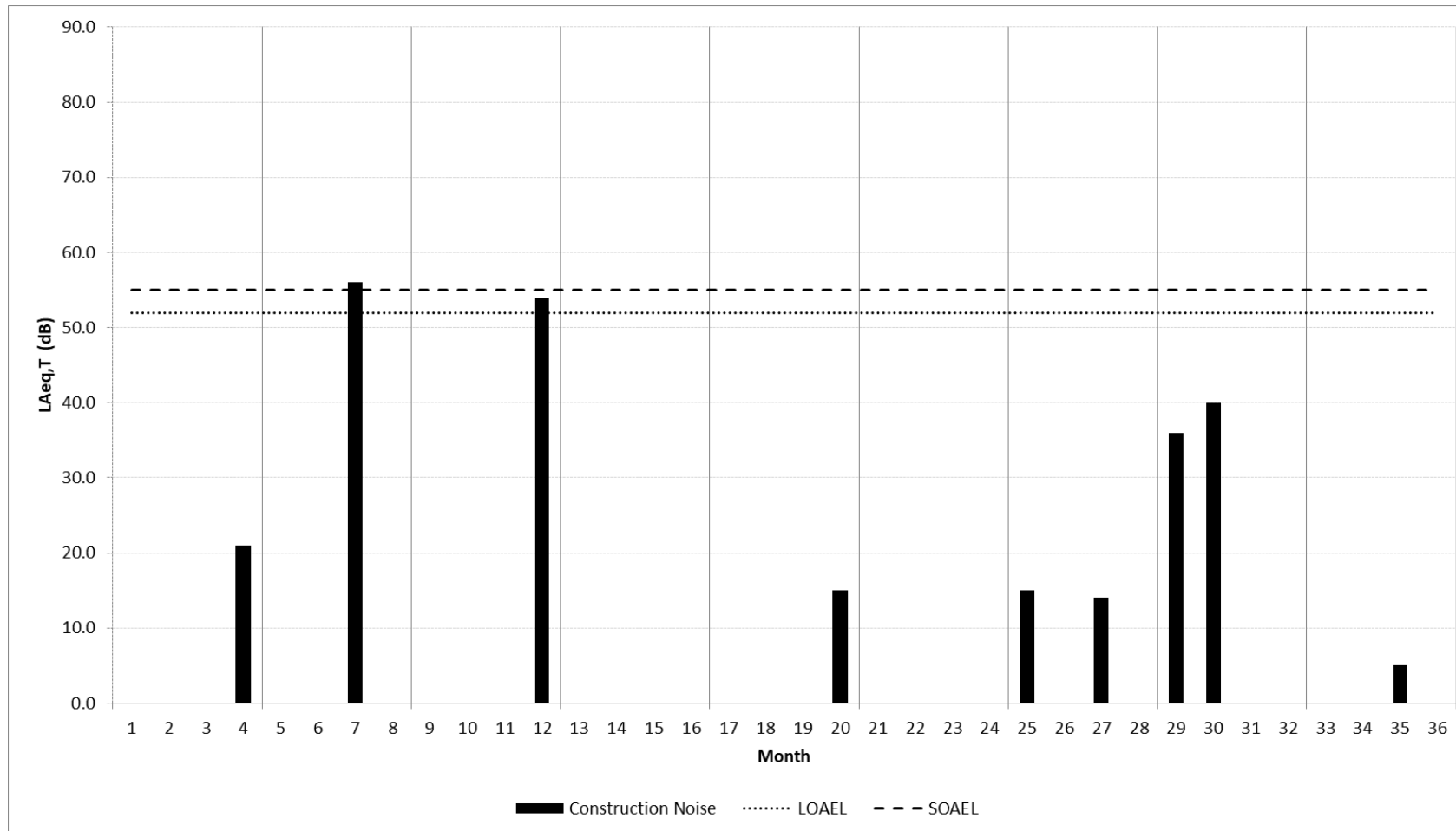
**Figure A.11.3.42: R14 - Tower House Farm, Hilton Lane, Hilton – Night, First Floor**



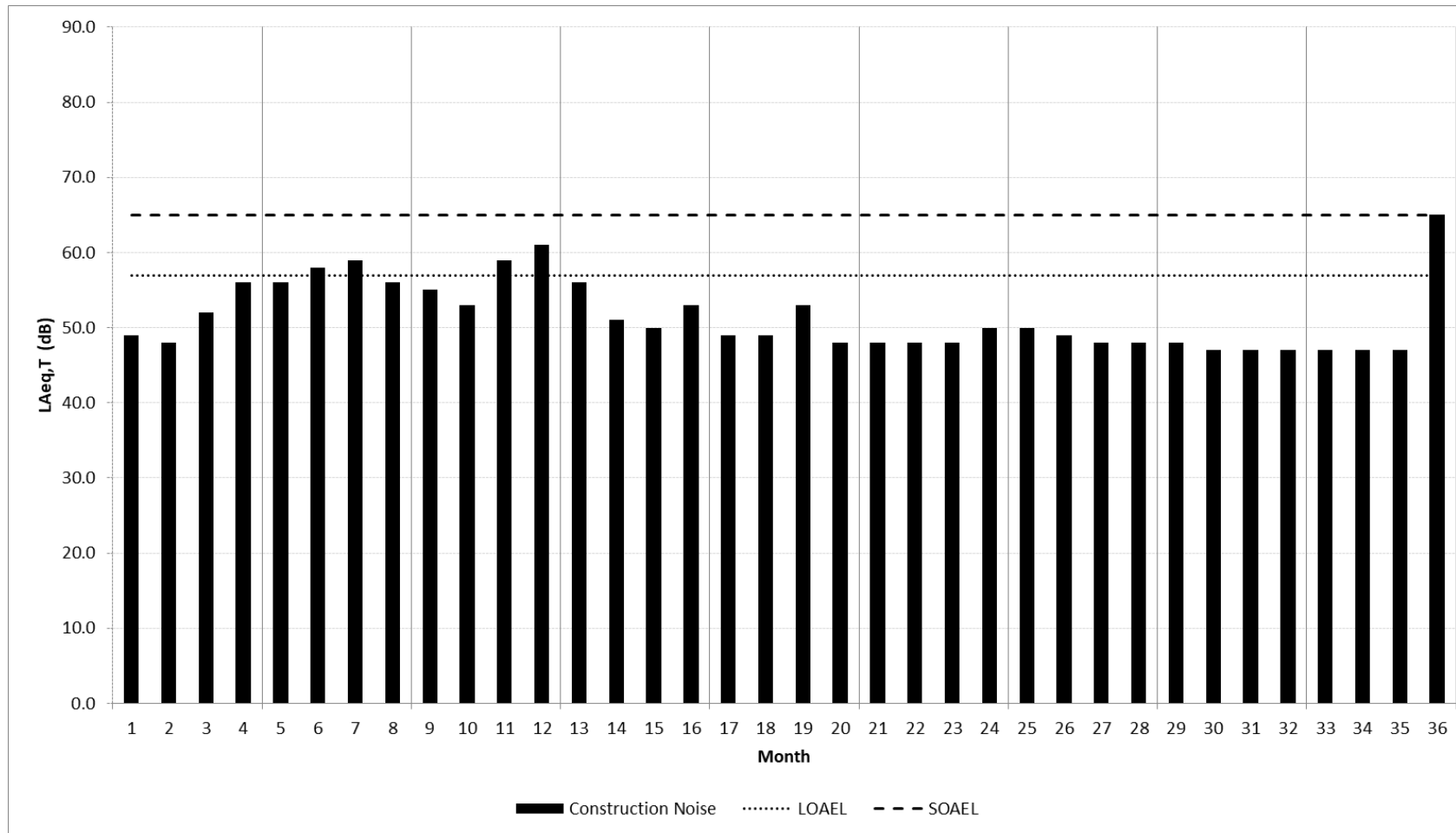
**Figure A.11.3.43: R15A - The Shrubby, Hilton Lane, Hilton (Facing Scheme) - Day, Ground Floor**



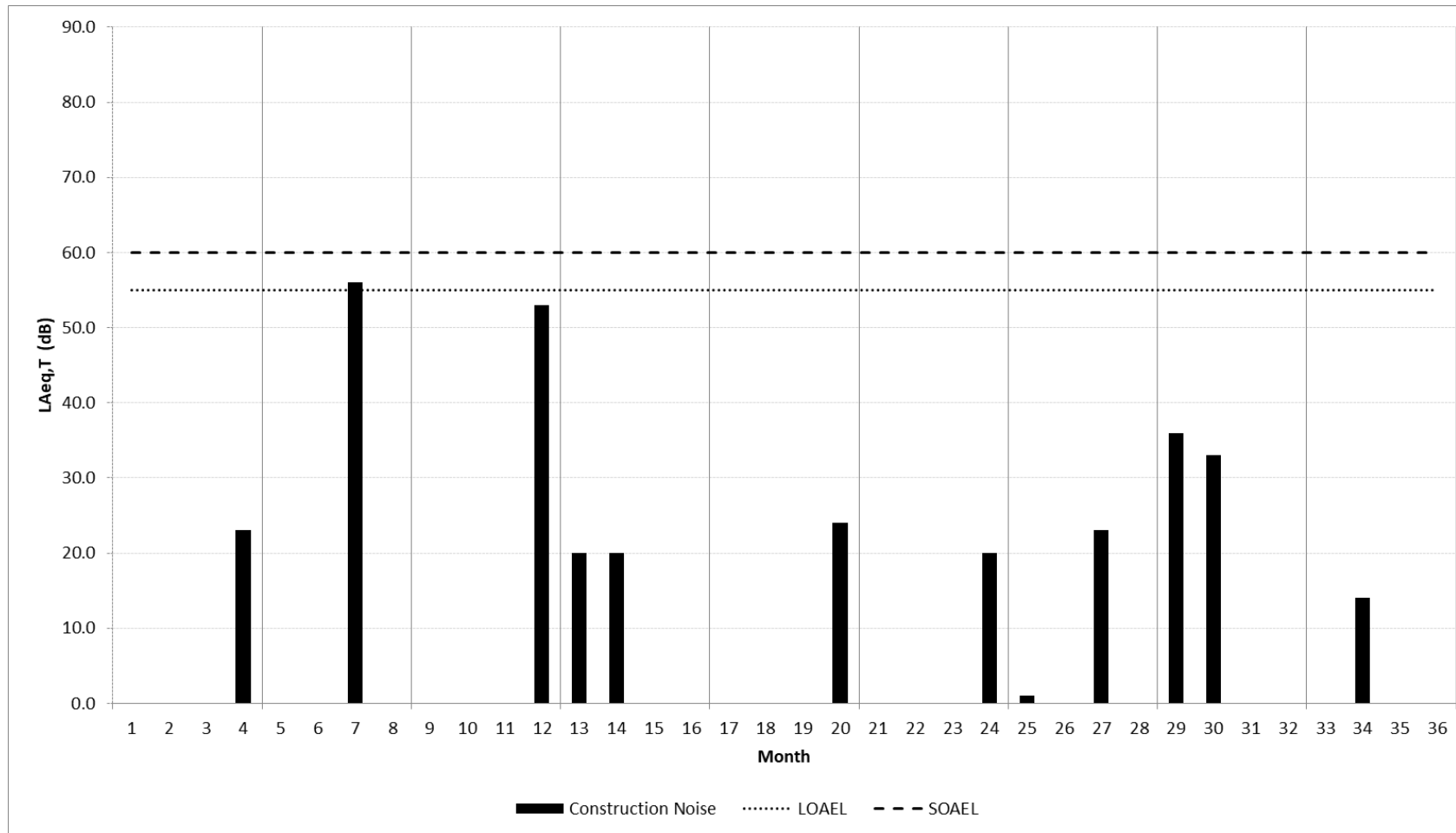
**Figure A.11.3.44: R15A - The Shrubbery, Hilton Lane, Hilton (Facing Scheme) – Evening/Weekend, Ground Floor**



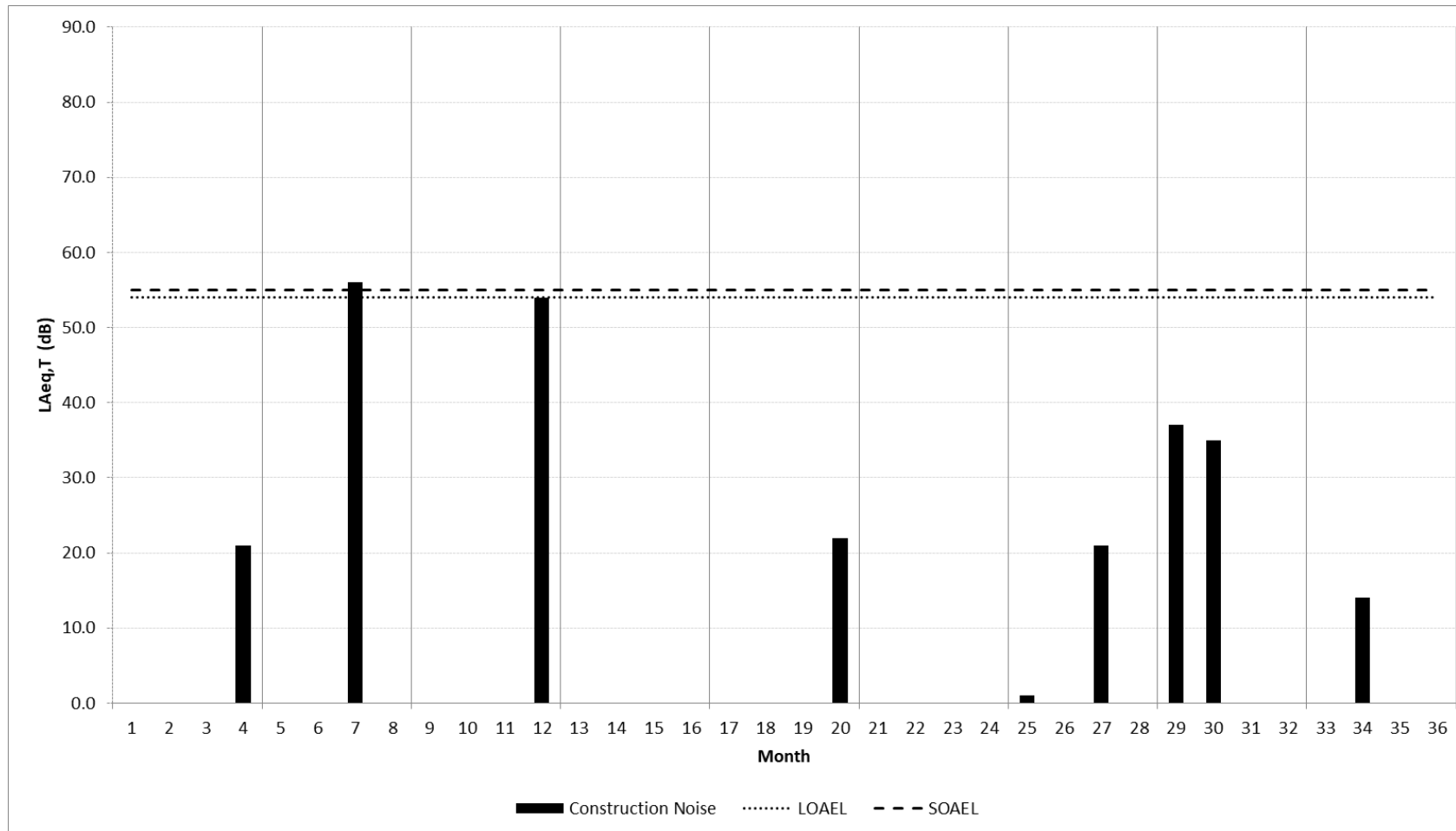
**Figure A.11.3.45: R15A - The Shrubby, Hilton Lane, Hilton (Facing Scheme) - Night, First Floor**



**Figure A.11.3.46: R15B - The Shrubby, Hilton Lane, Hilton (Facing Hilton Lane) - Day, Ground Floor**

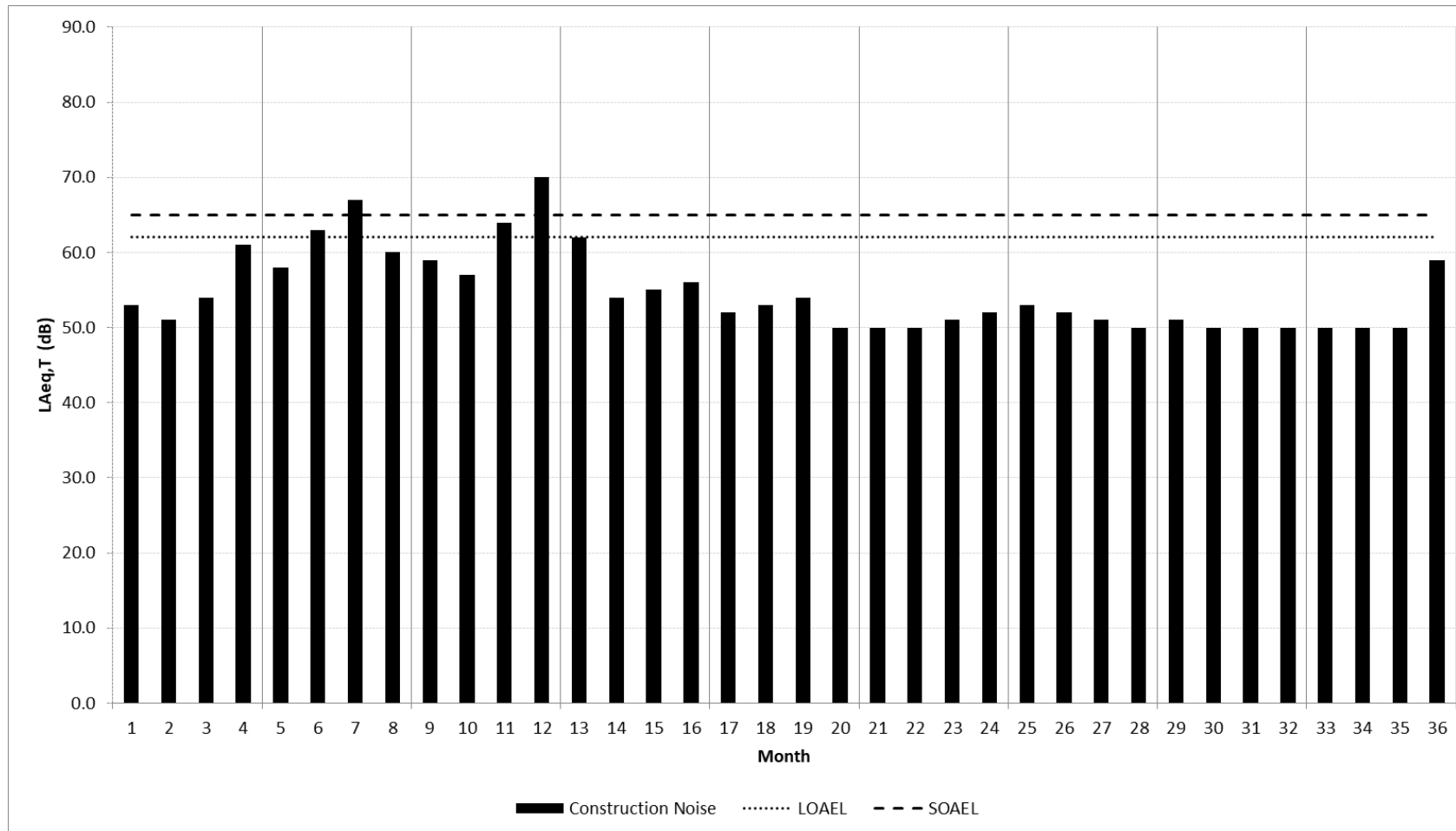


**Figure A.11.3.47: R15B - The Shrubby, Hilton Lane, Hilton (Facing Hilton Lane) – Evening/Weekend, Ground Floor**

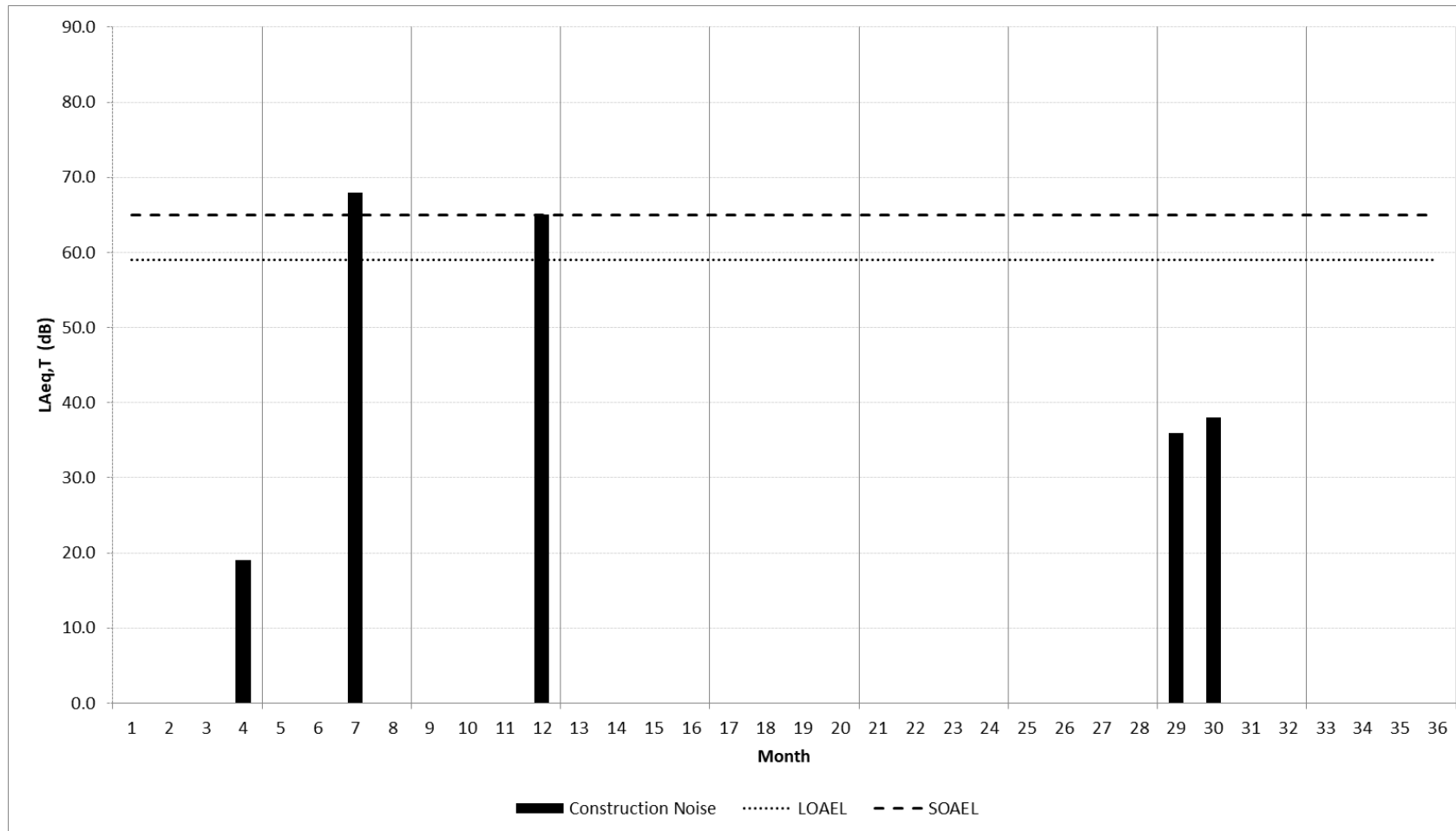


**Figure A.11.3.48: R15B - The Shrubby, Hilton Lane, Hilton (Facing Hilton Lane) - Night, First Floor**

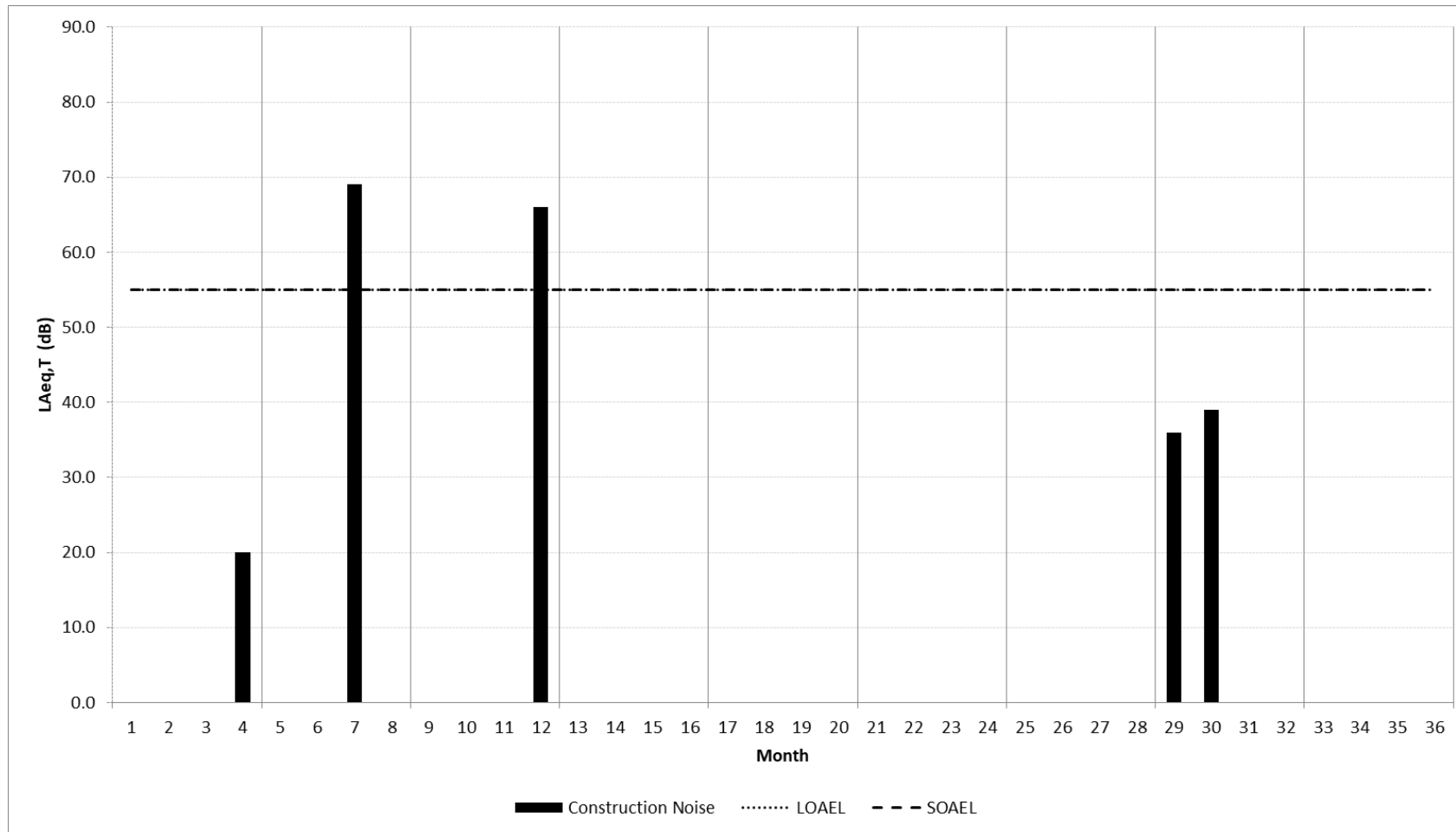




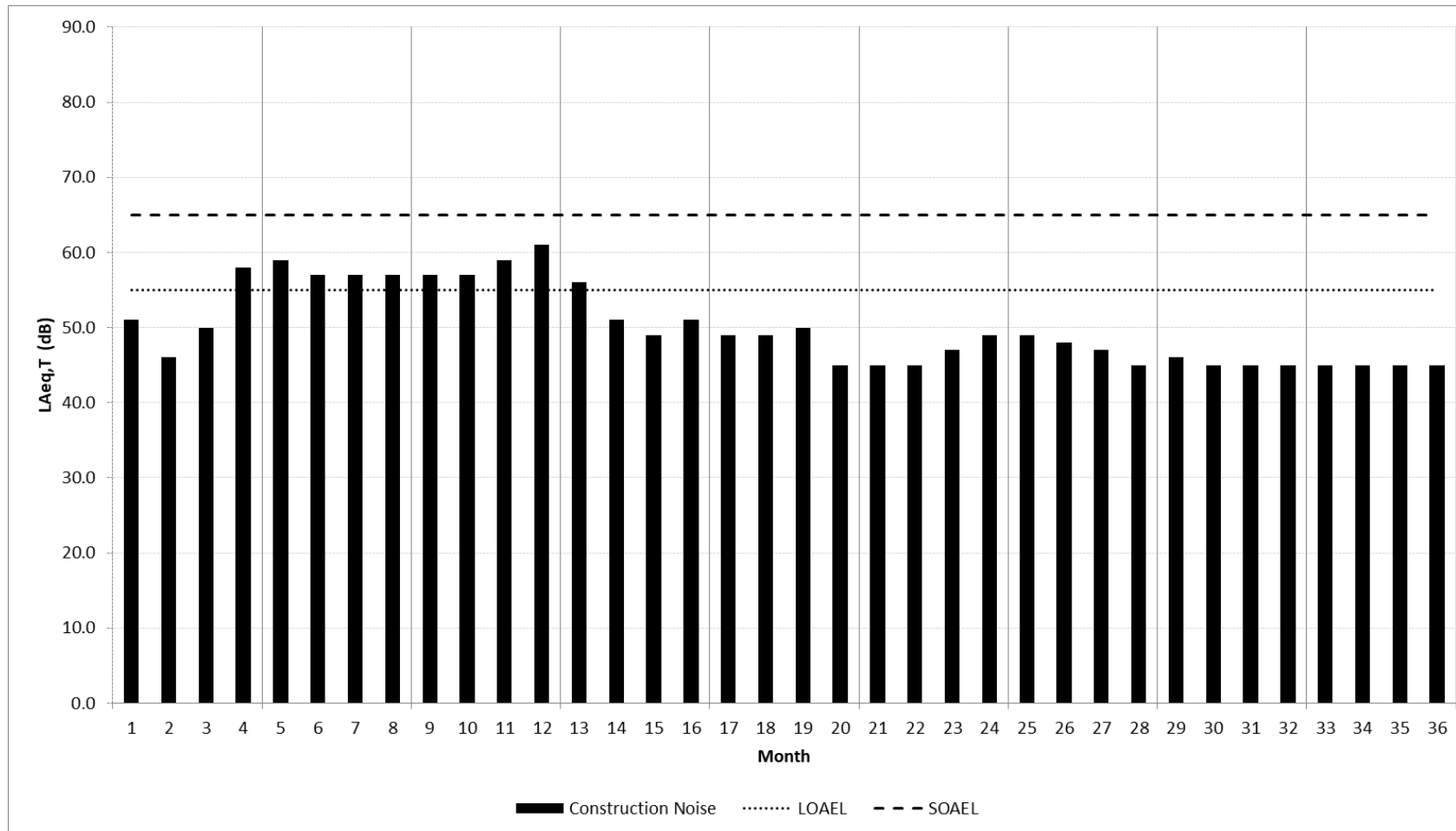
**Figure A.11.3.49: R16 - Hilton Lane, Shareshill (South East) – Day, Ground Floor**



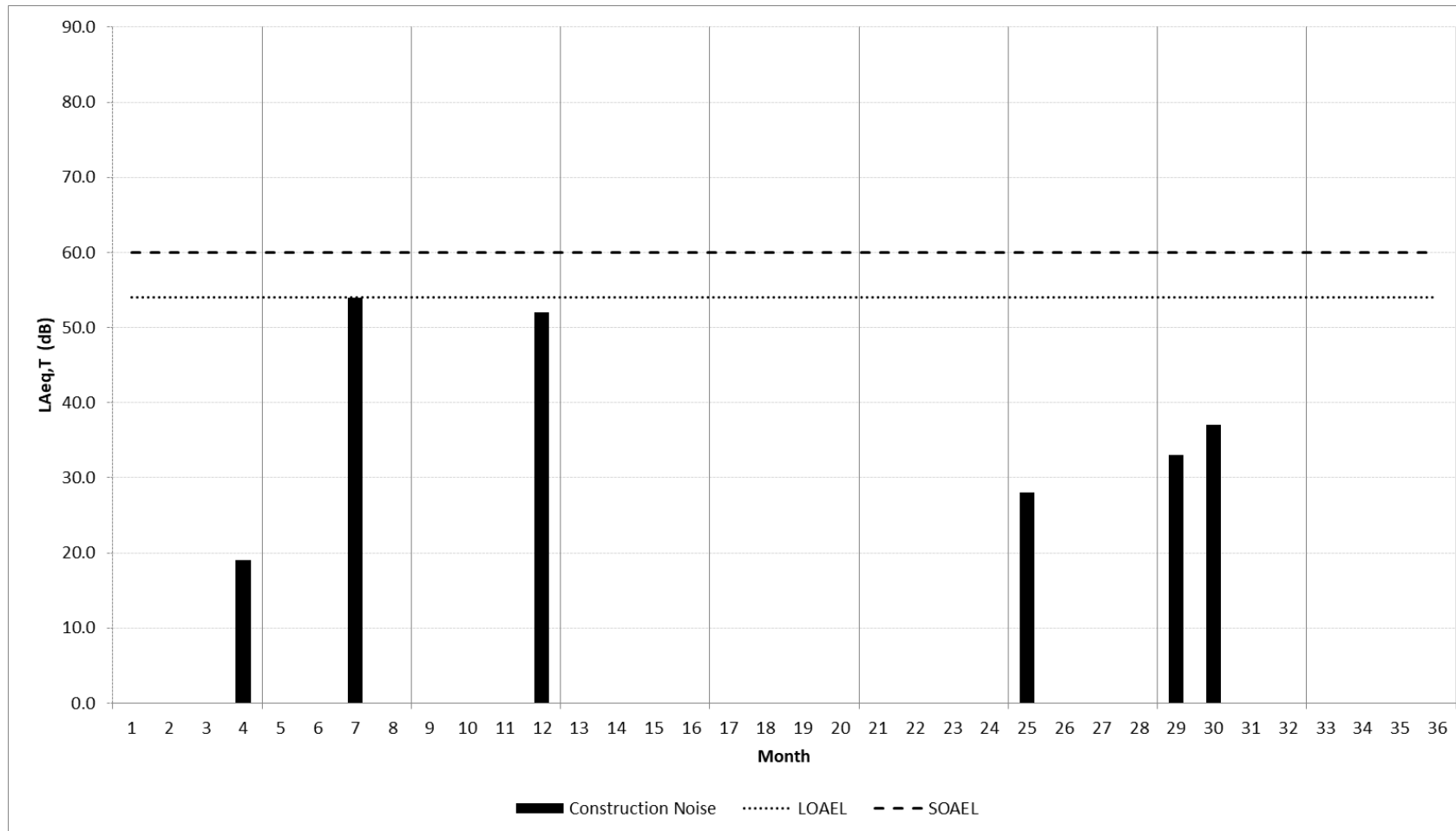
**Figure A.11.3.50: R16 - Hilton Lane, Shareshill (South East) – Evening/Weekend, Ground Floor**



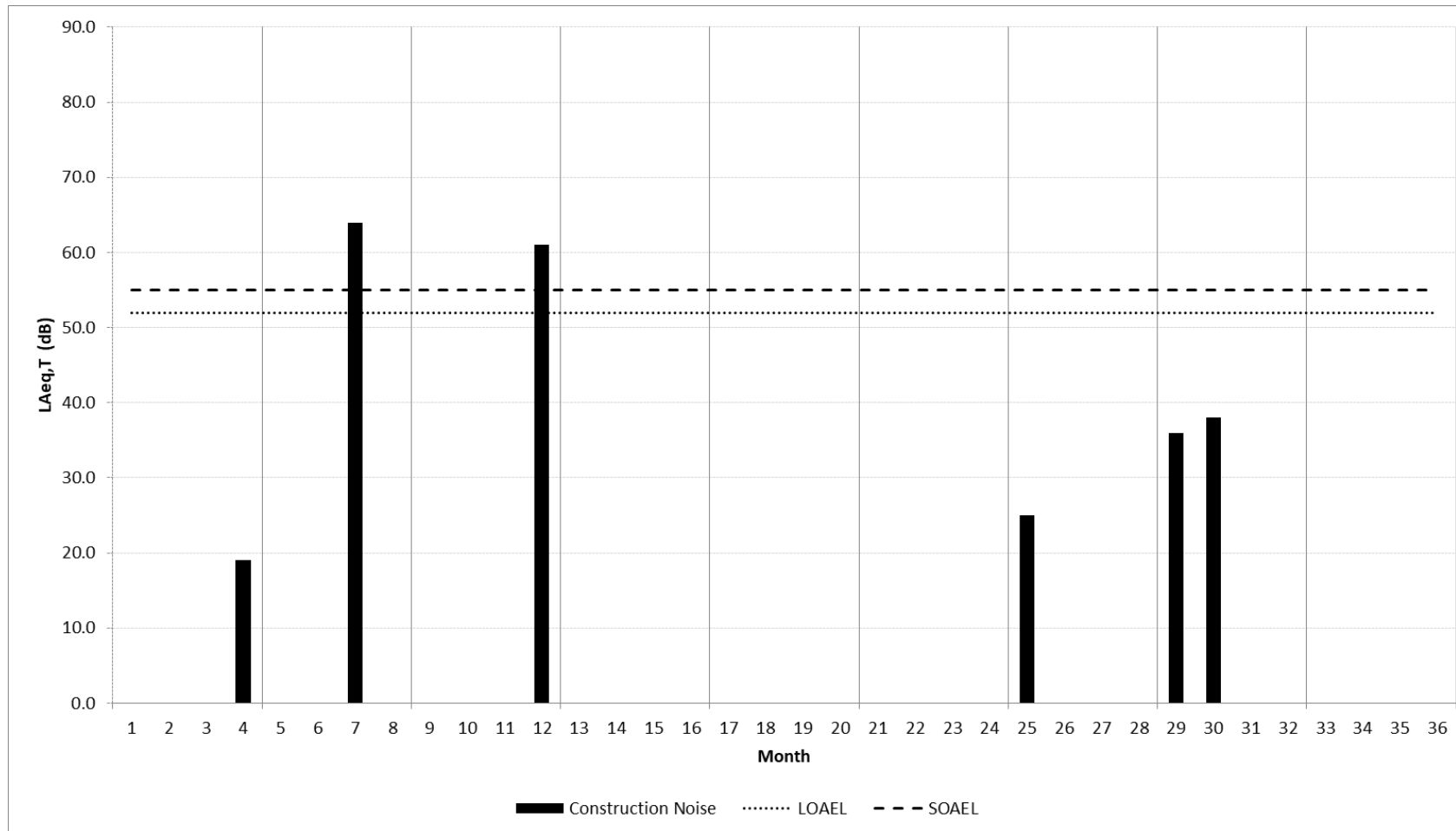
**Figure A.11.3.51: R16 - Hilton Lane, Shareshill (South East) – Night, First Floor**



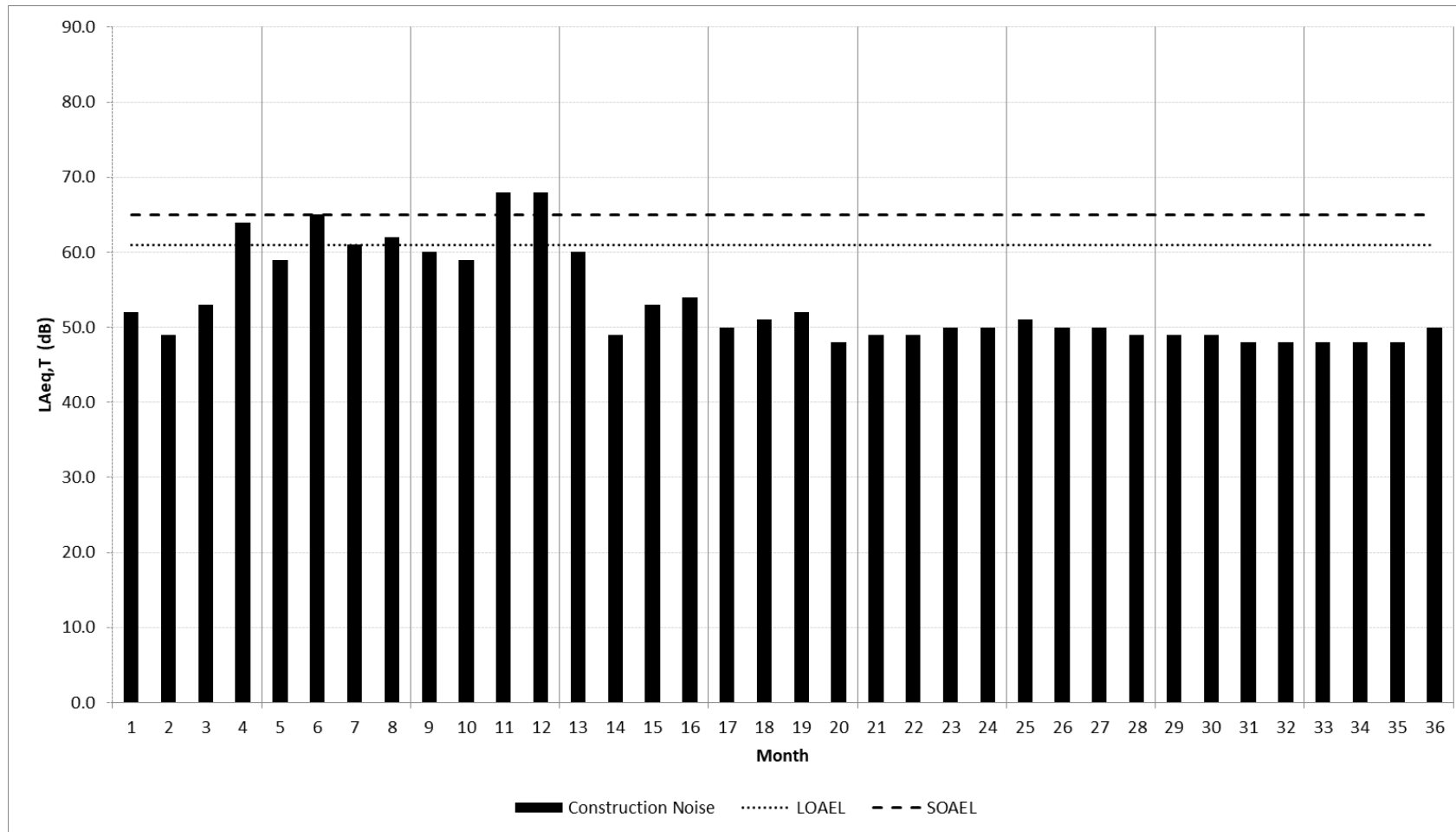
**Figure A.11.3.52: R17A - Hilton Lane, Shareshill (Central - Facing Scheme) - Day, Ground Floor**



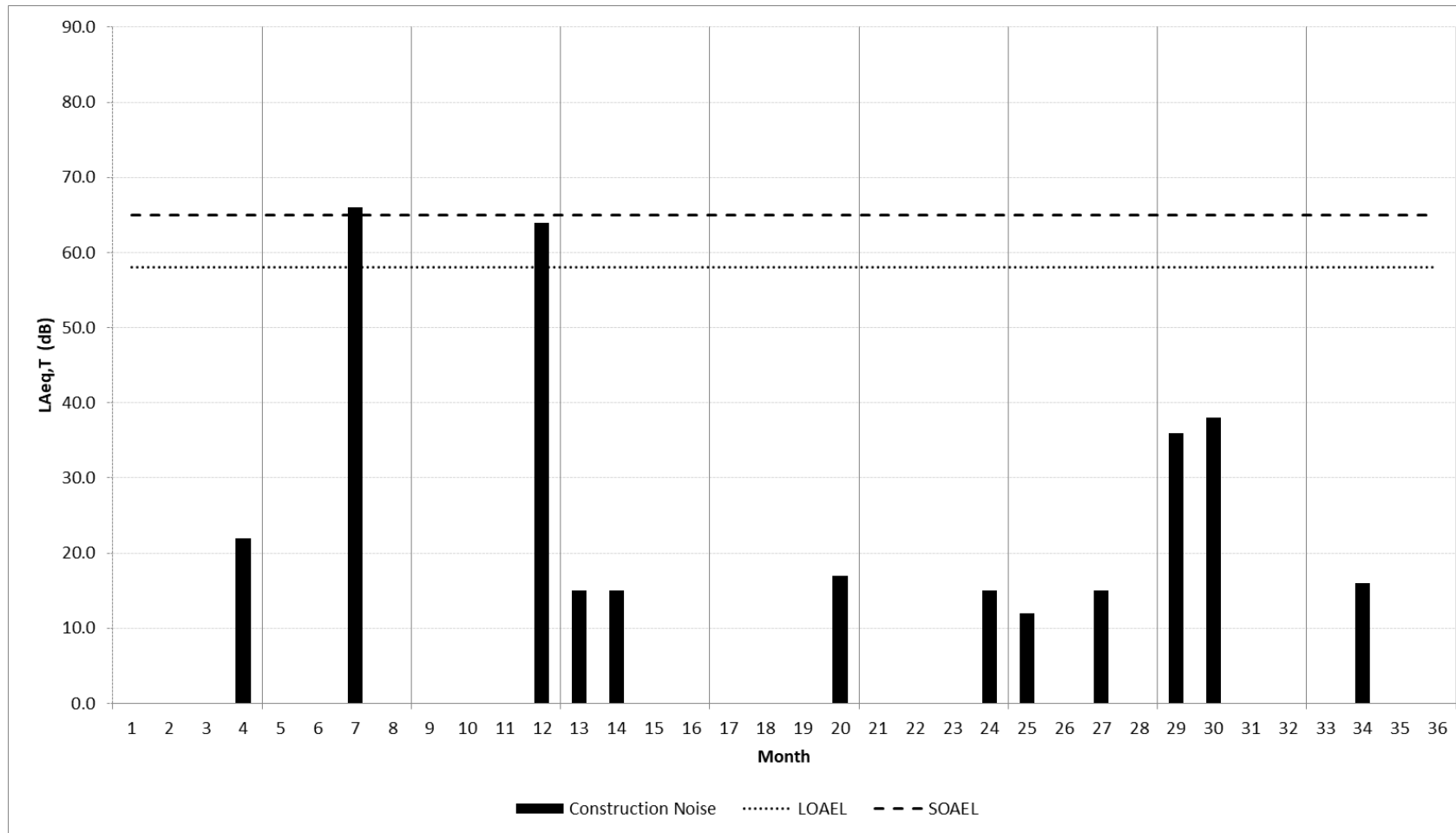
**Figure A.11.3.53: R17A - Hilton Lane, Shareshill (Central - Facing Scheme) – Evening/Weekend, Ground Floor**



**Figure A.11.3.54: R17A - Hilton Lane, Shareshill (Central - Facing Scheme) - Night, First Floor**

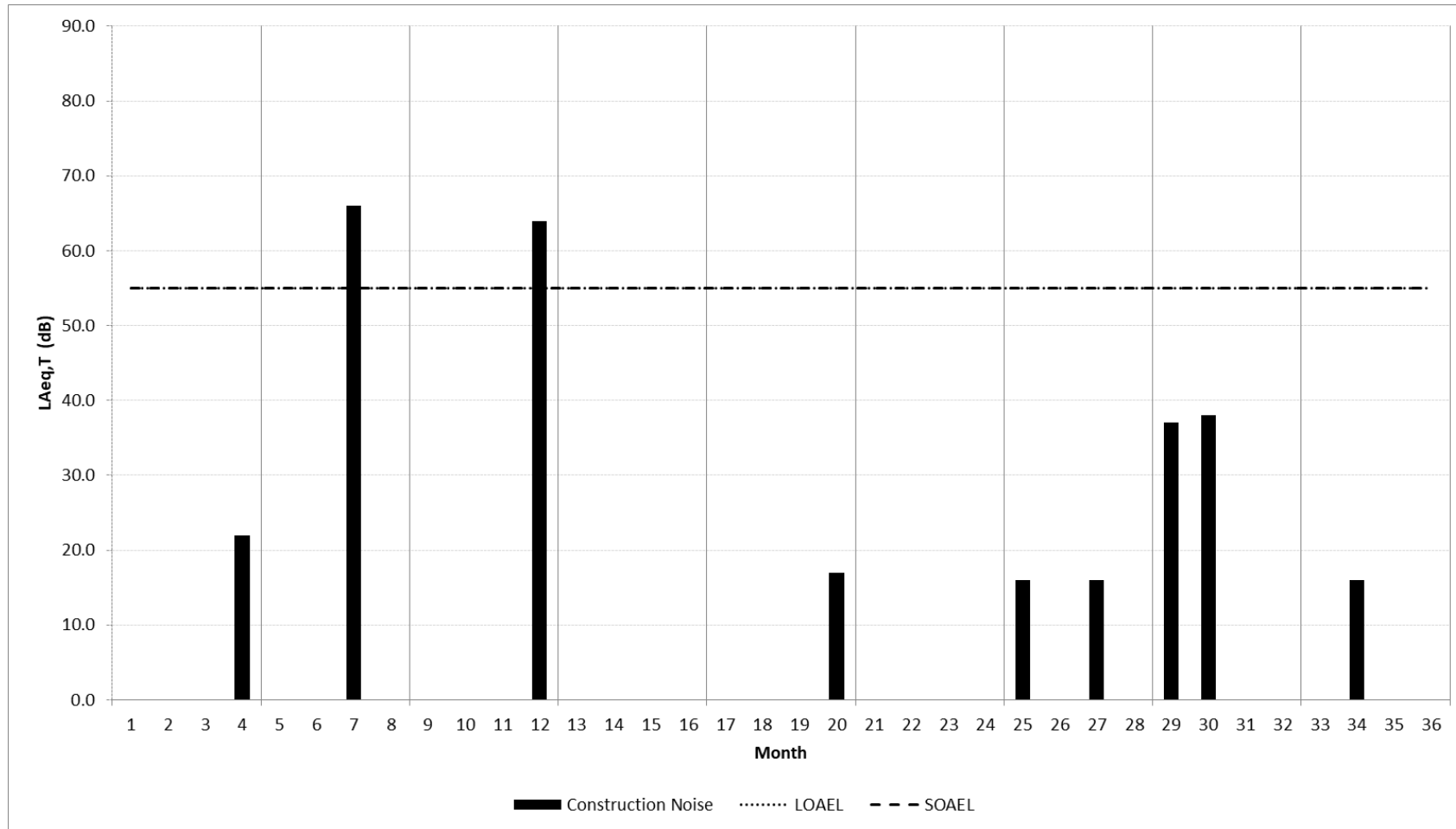


**Figure A.11.3.55: R17B - Hilton Lane, Shareshill (Central - Facing Hilton Lane) - Day, Ground Floor**

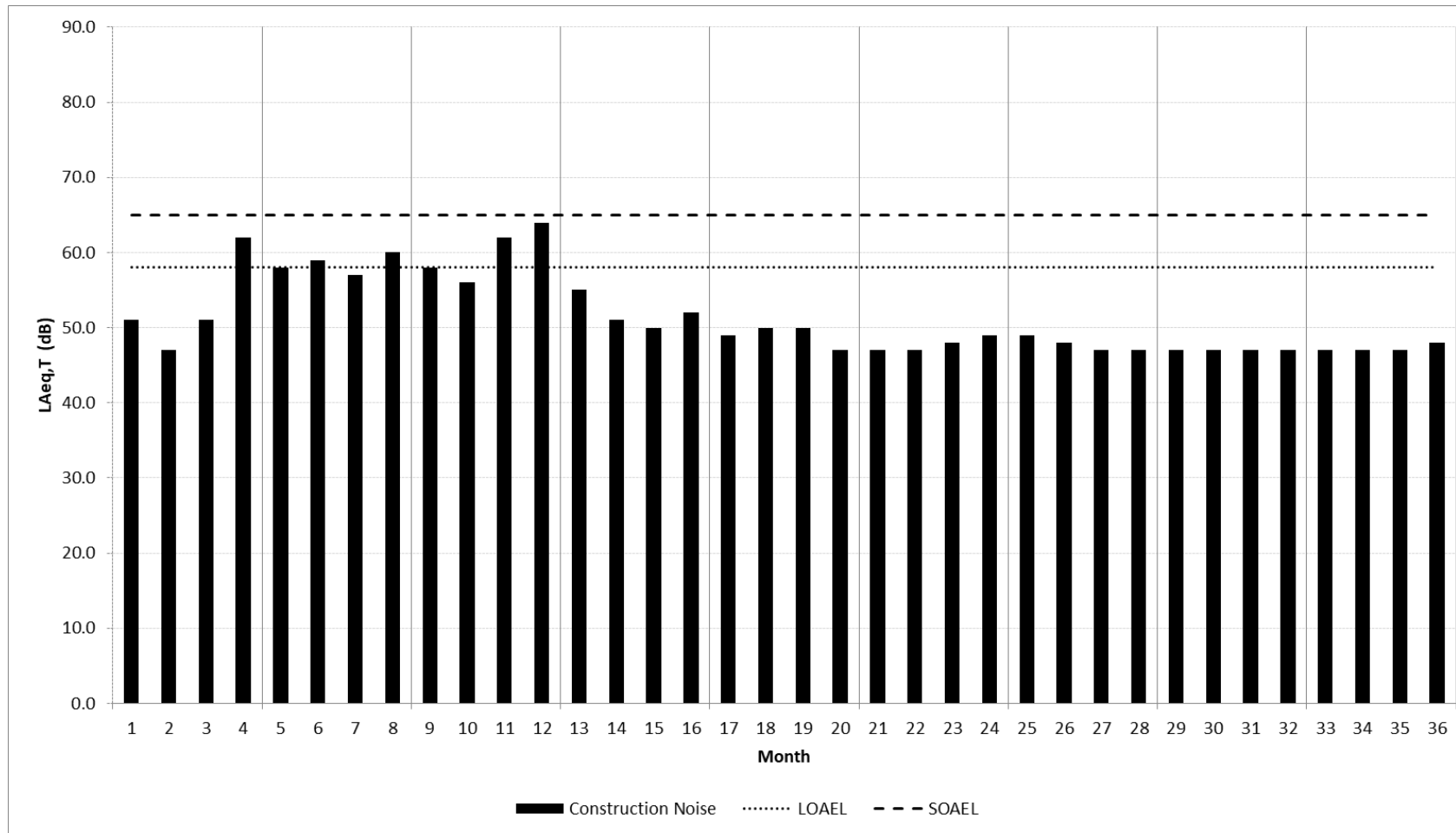


**Figure A.11.3.56: R17B - Hilton Lane, Shareshill (Central - Facing Hilton Lane) – Evening/Weekend, Ground Floor**

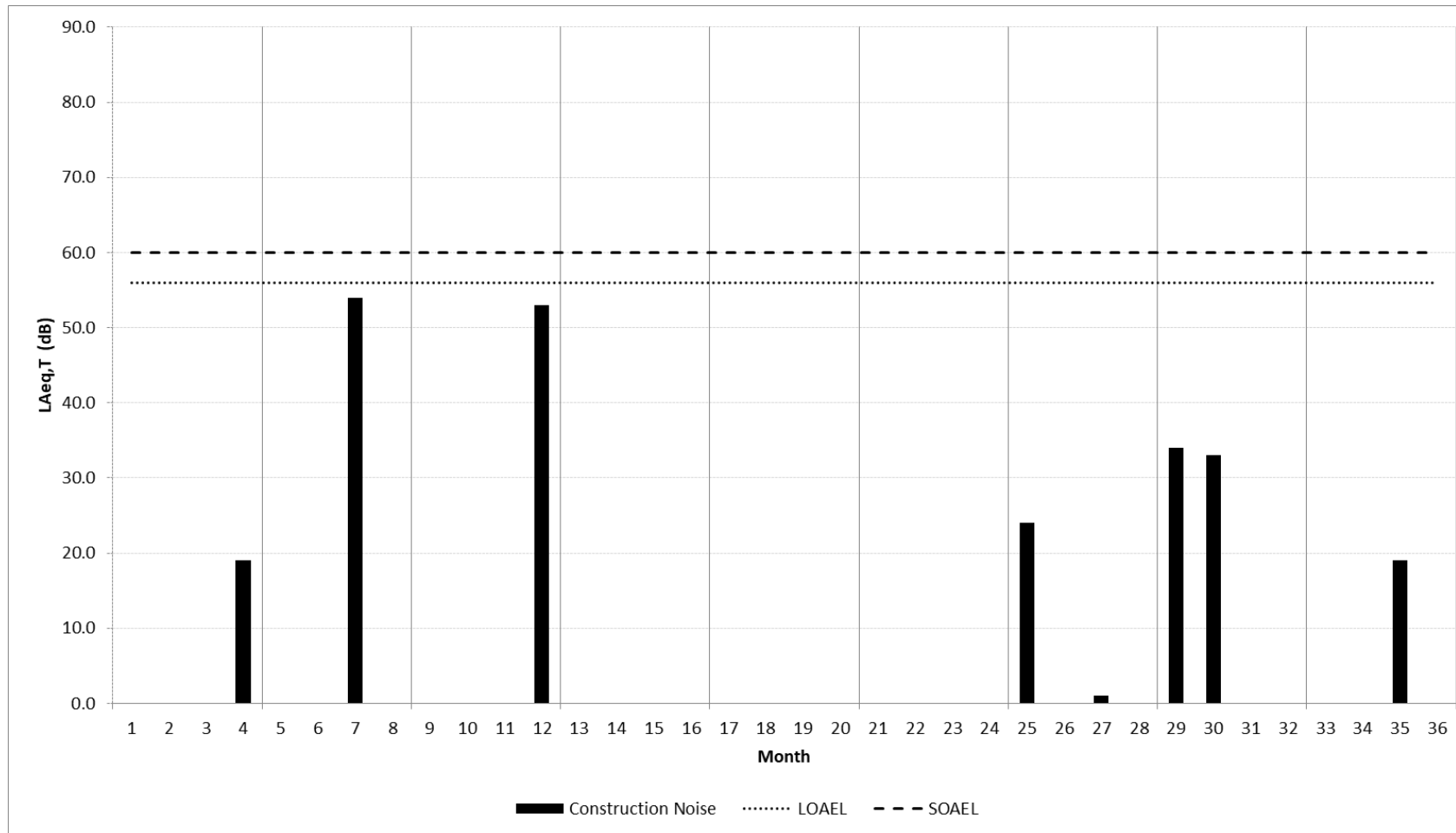




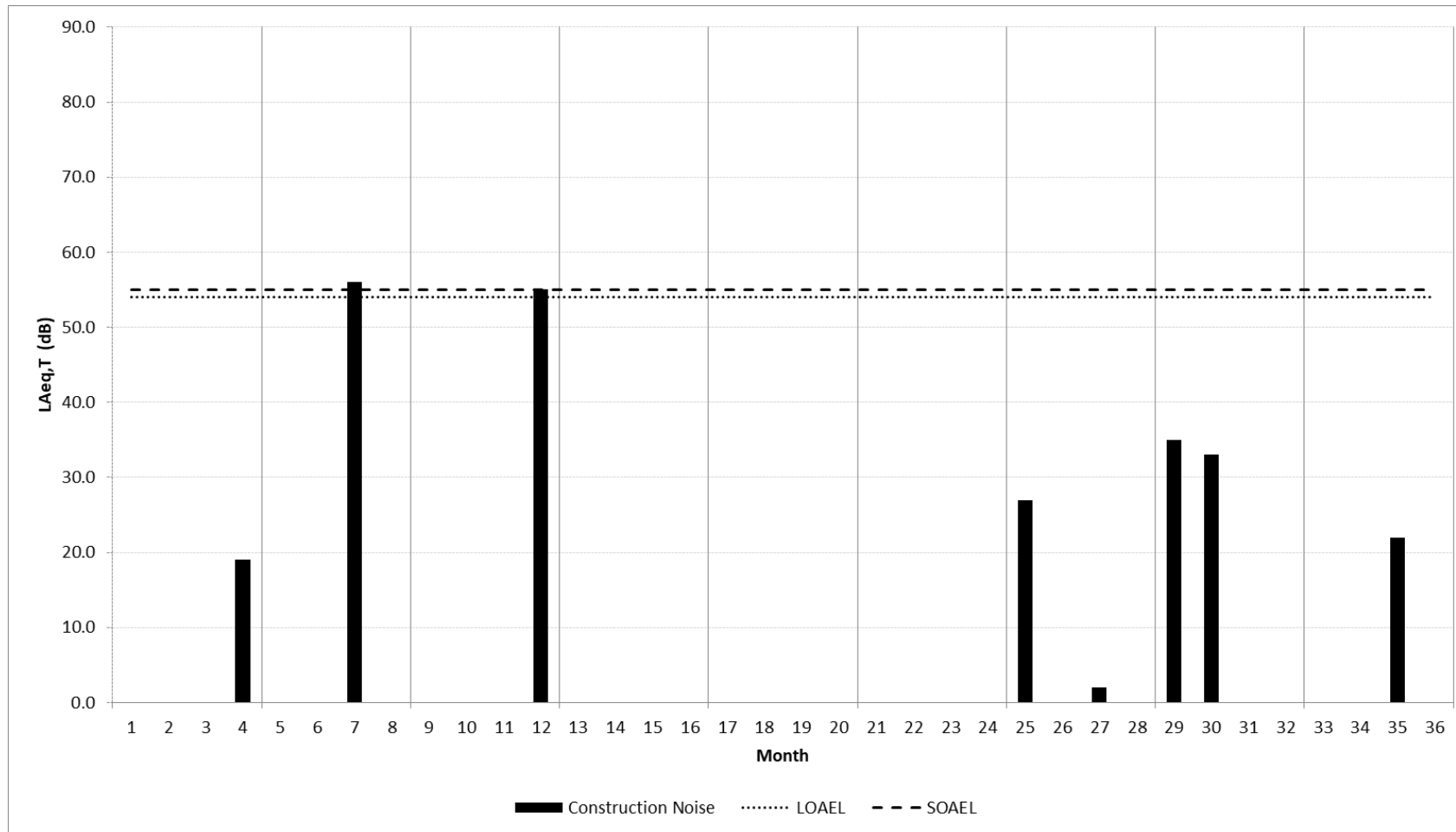
**Figure A.11.3.57: R17B - Hilton Lane, Shareshill (Central - Facing Hilton Lane) - Night, First Floor**



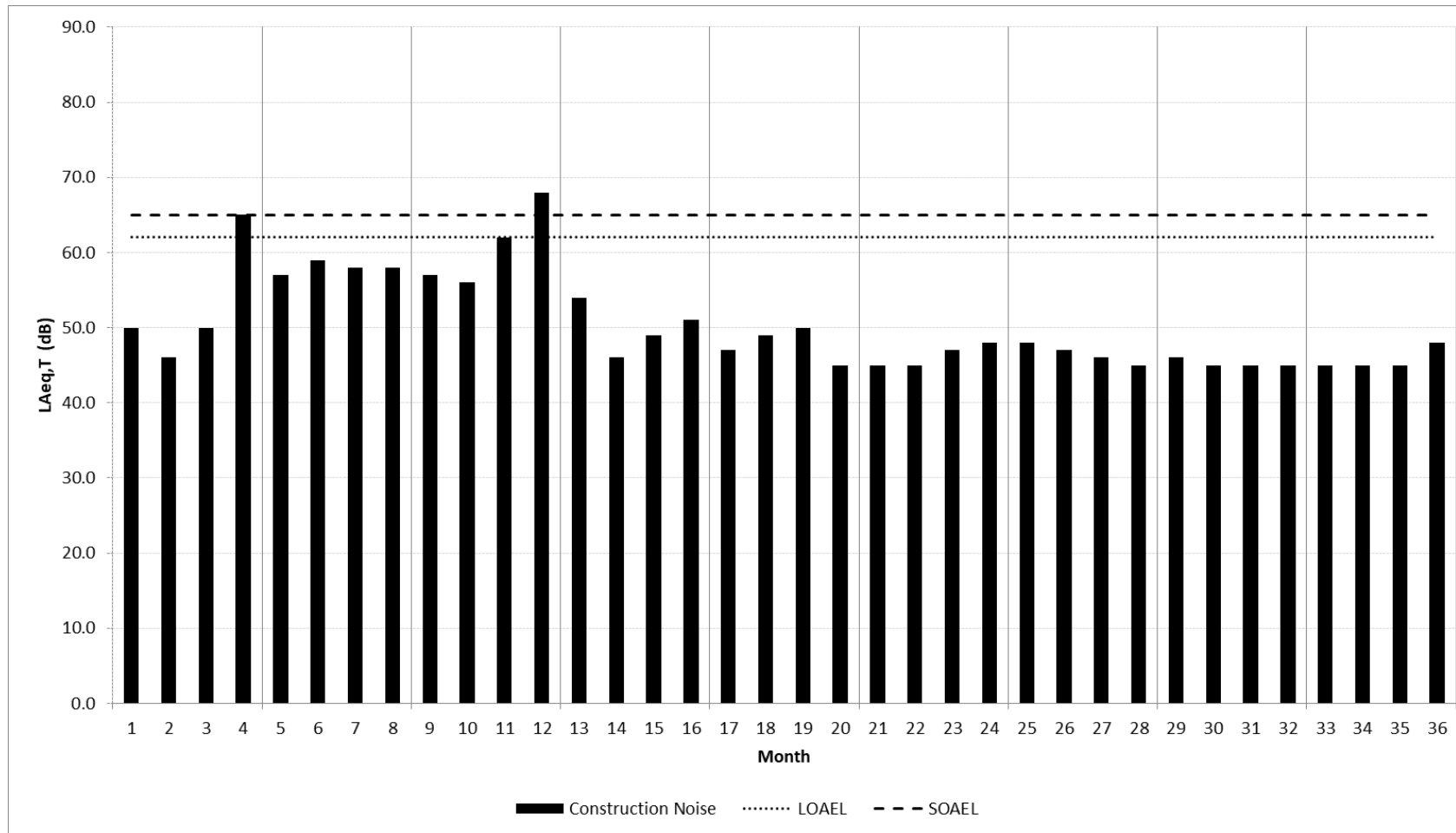
**Figure A.11.3.58: R18A - Hilton Lane, Shareshill (North West - Facing Scheme) - Day, Ground Floor**



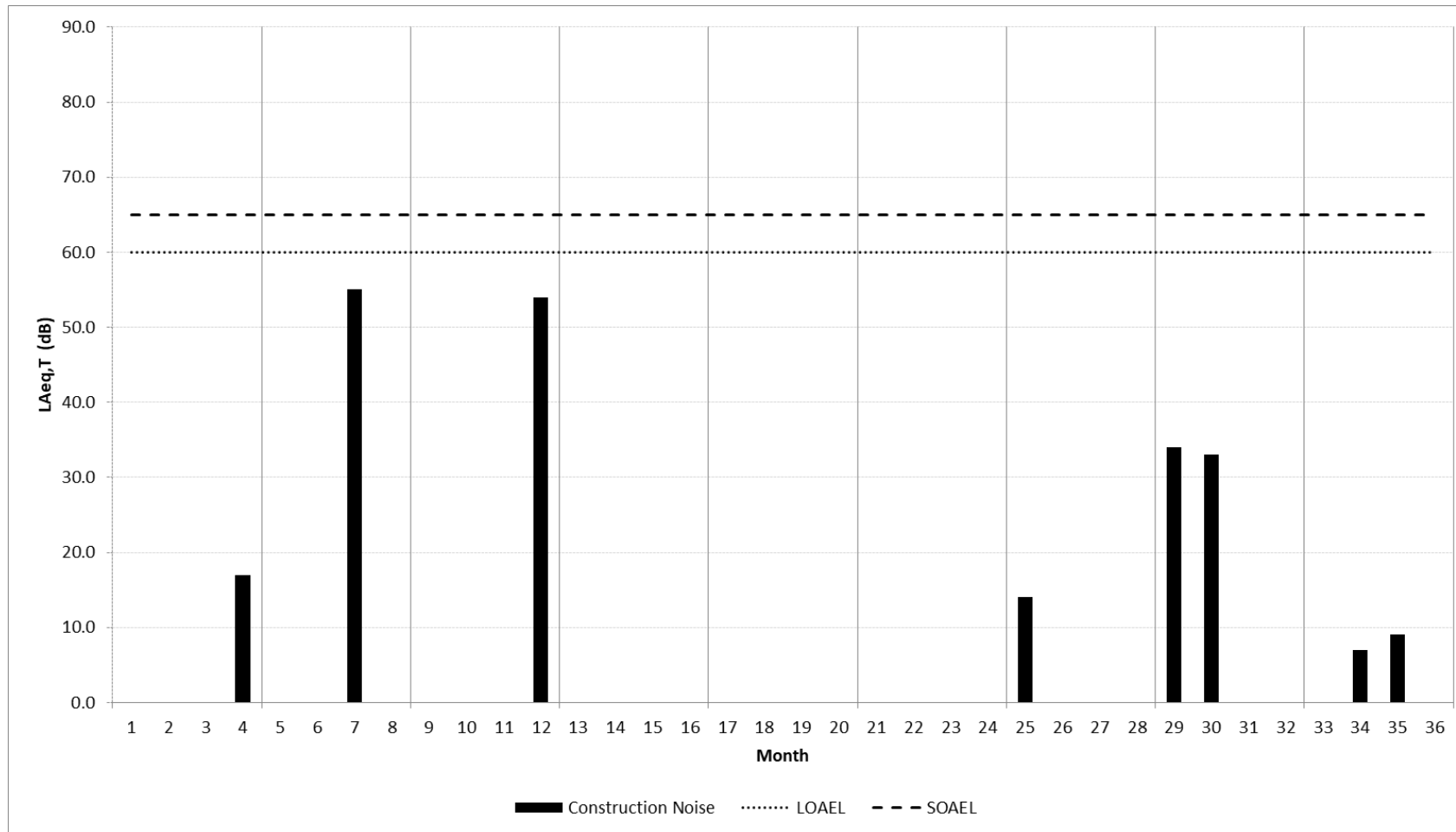
**Figure A.11.3.59: R18A - Hilton Lane, Shareshill (North West - Facing Scheme) - Evening/Weekend, Ground Floor**



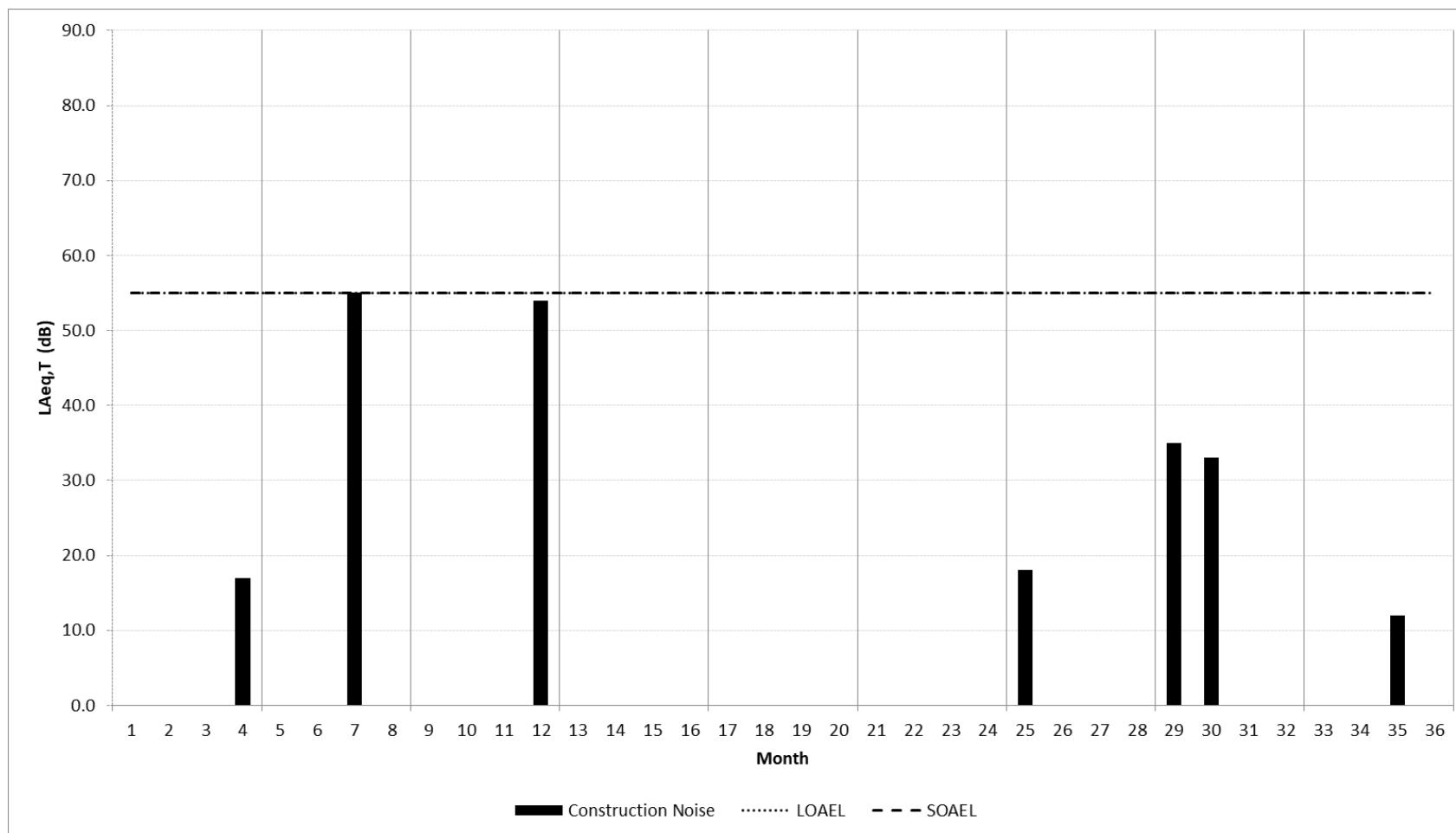
**Figure A.11.3.60: R18A - Hilton Lane, Shareshill (North West - Facing Scheme) - Night, Ground Floor**



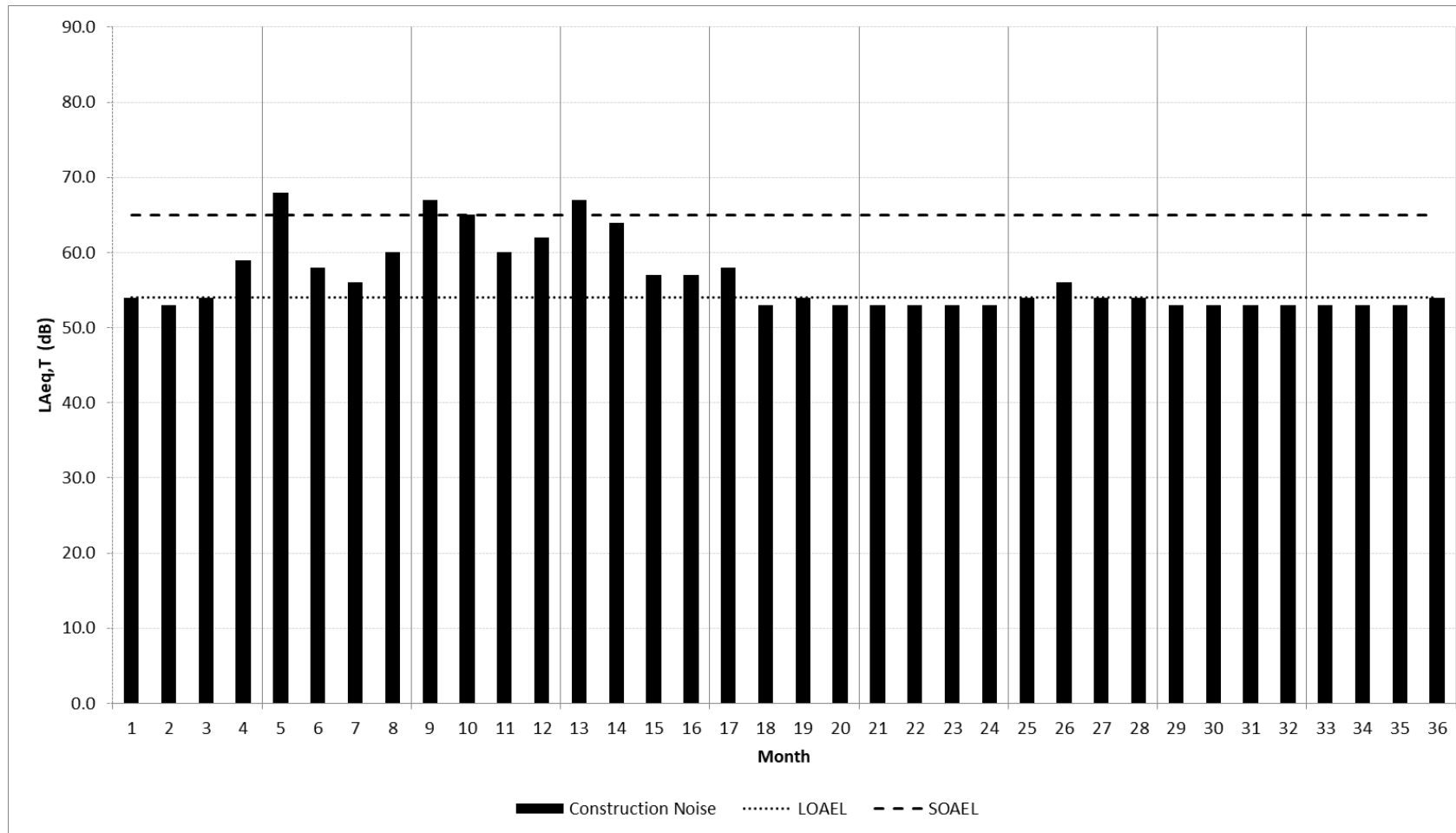
**Figure A.11.3.61: R18B - Hilton Lane, Shareshill (North West - Facing Hilton Lane) - Day, Ground Floor**



**Figure A.11.3.62: R18B - Hilton Lane, Shareshill (North West - Facing Hilton Lane) – Evening/Weekend, Ground Floor**

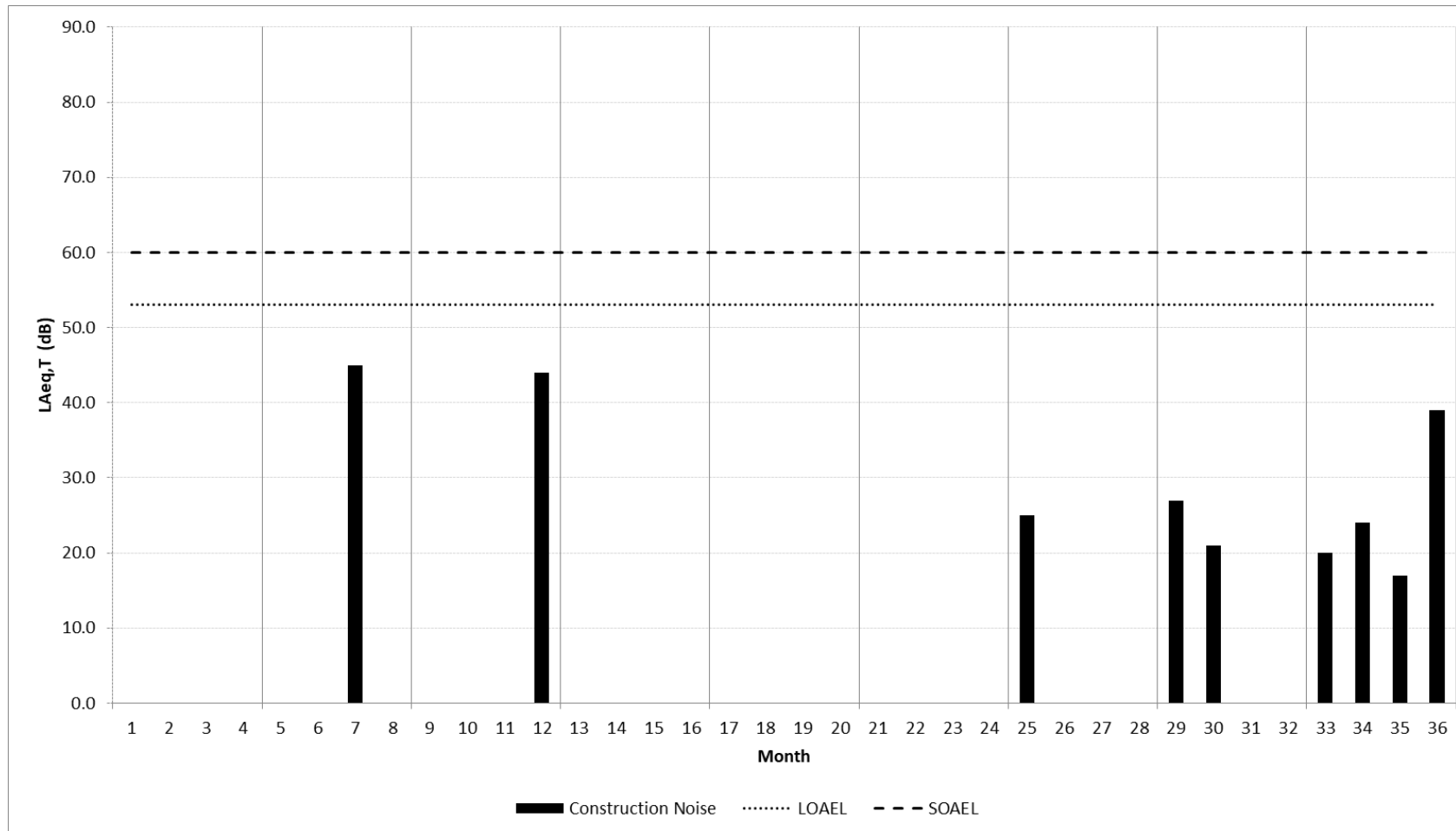


**Figure A.11.3.63: R18B - Hilton Lane, Shareshill (North West - Facing Hilton Lane) - Night, First Floor**

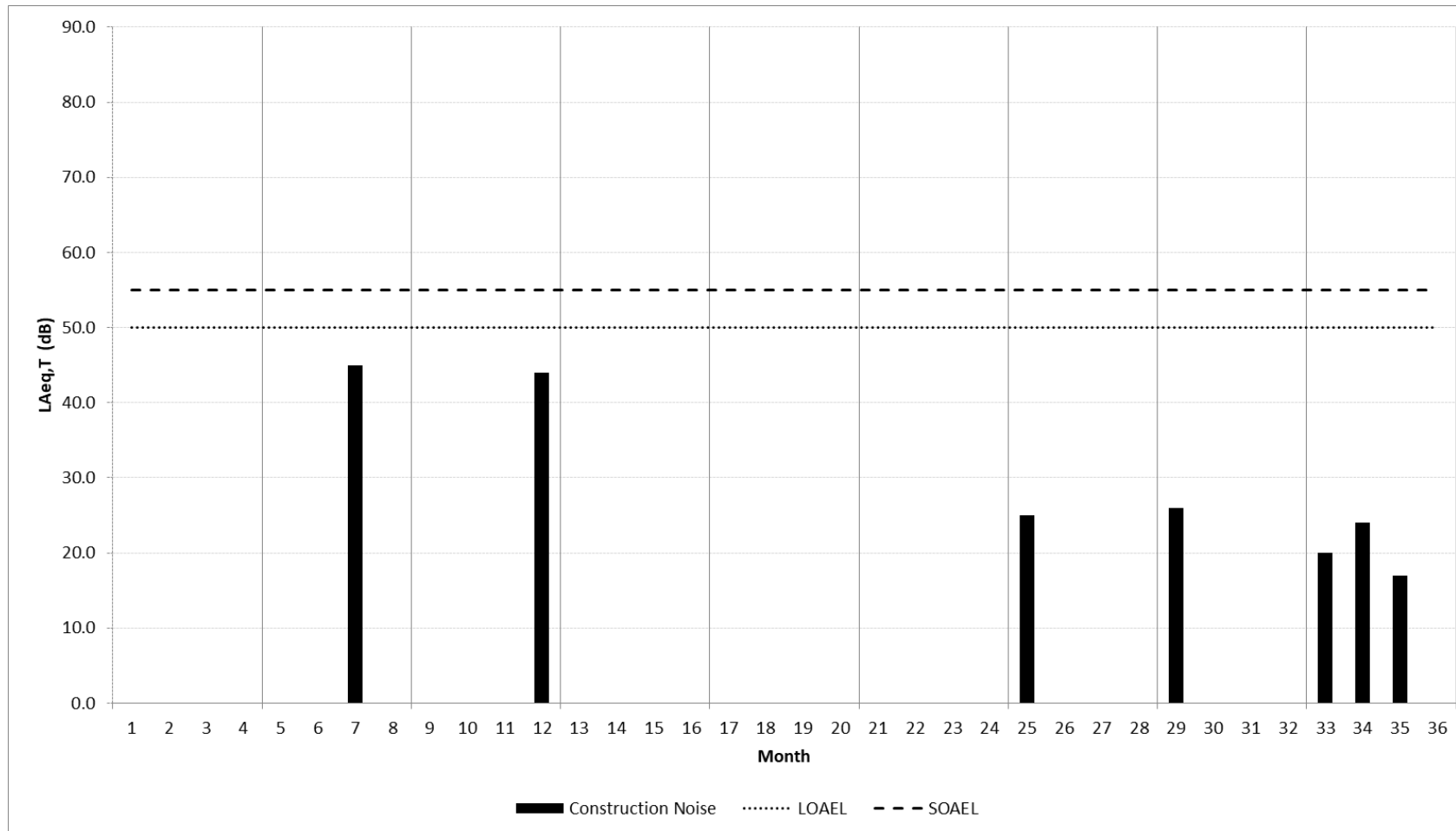


**Figure A.11.3.64: R19 - Brookfield Farm, Cannock Road, Shareshill – Day, Ground Floor**

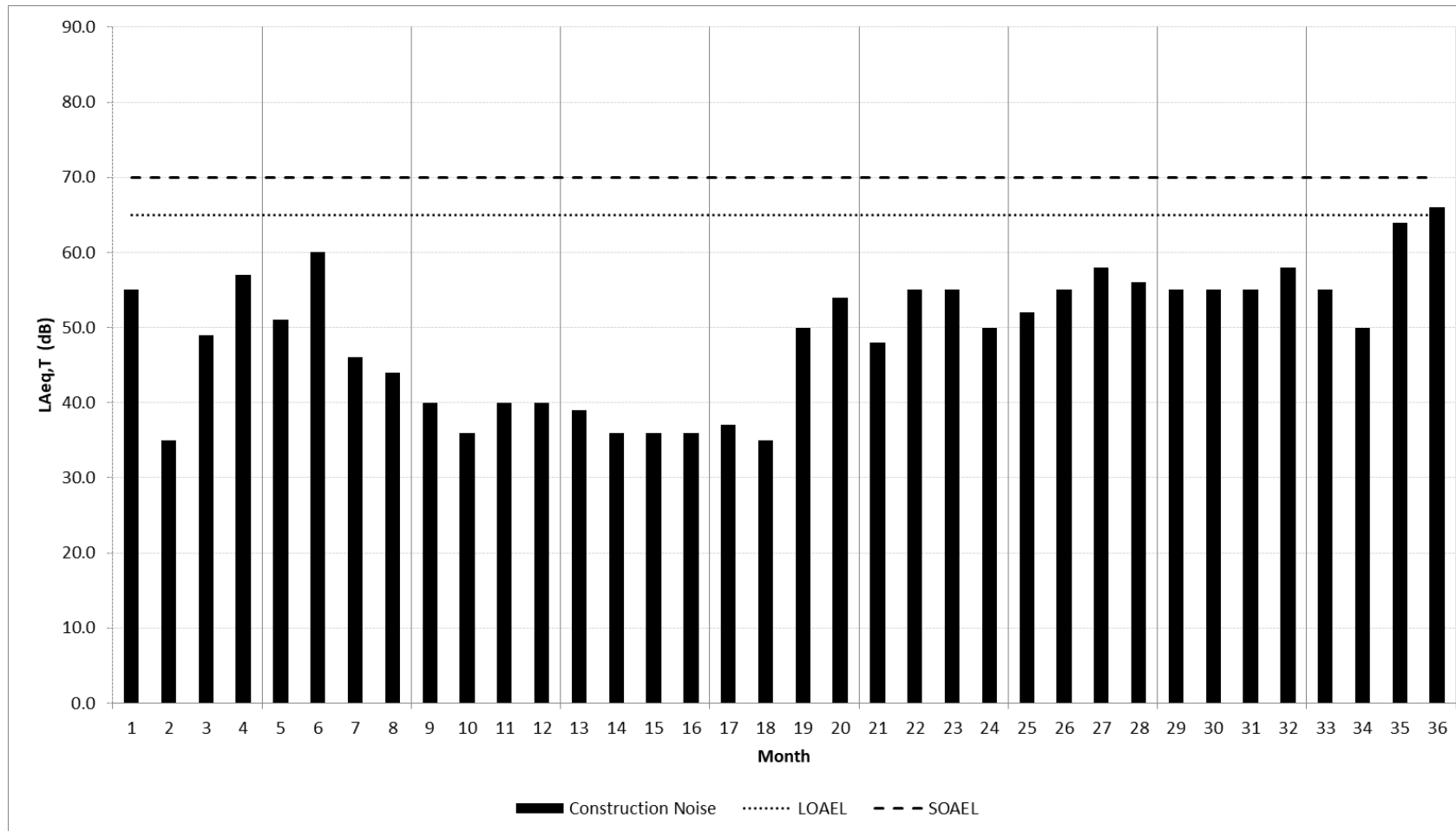




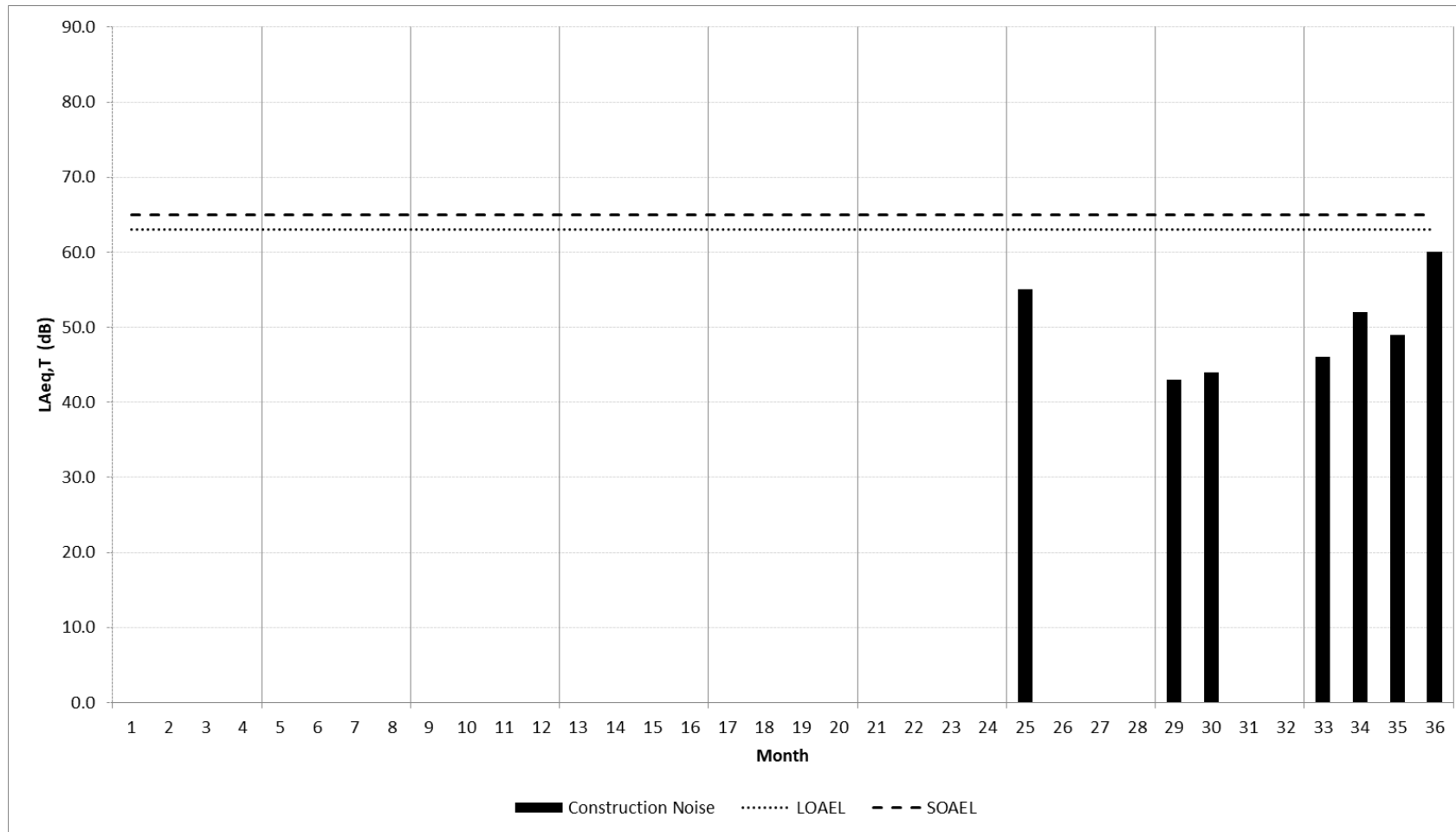
**Figure A.11.3.65: R19 - Brookfield Farm, Cannock Road, Shareshill – Evening/Weekend, Ground Floor**



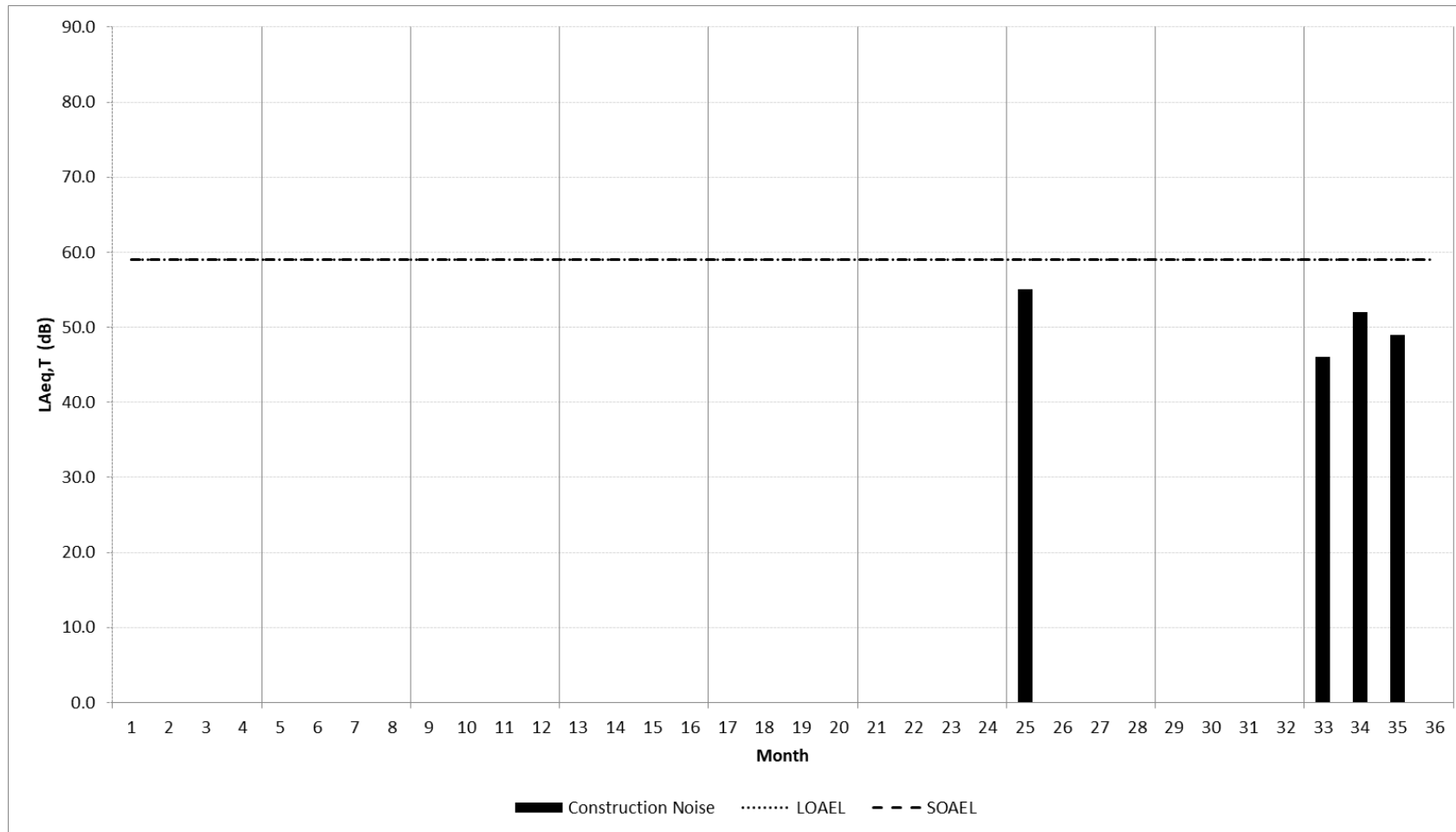
**Figure A.11.3.66: R19 - Brookfield Farm, Cannock Road, Shareshill – Night, Ground Floor**



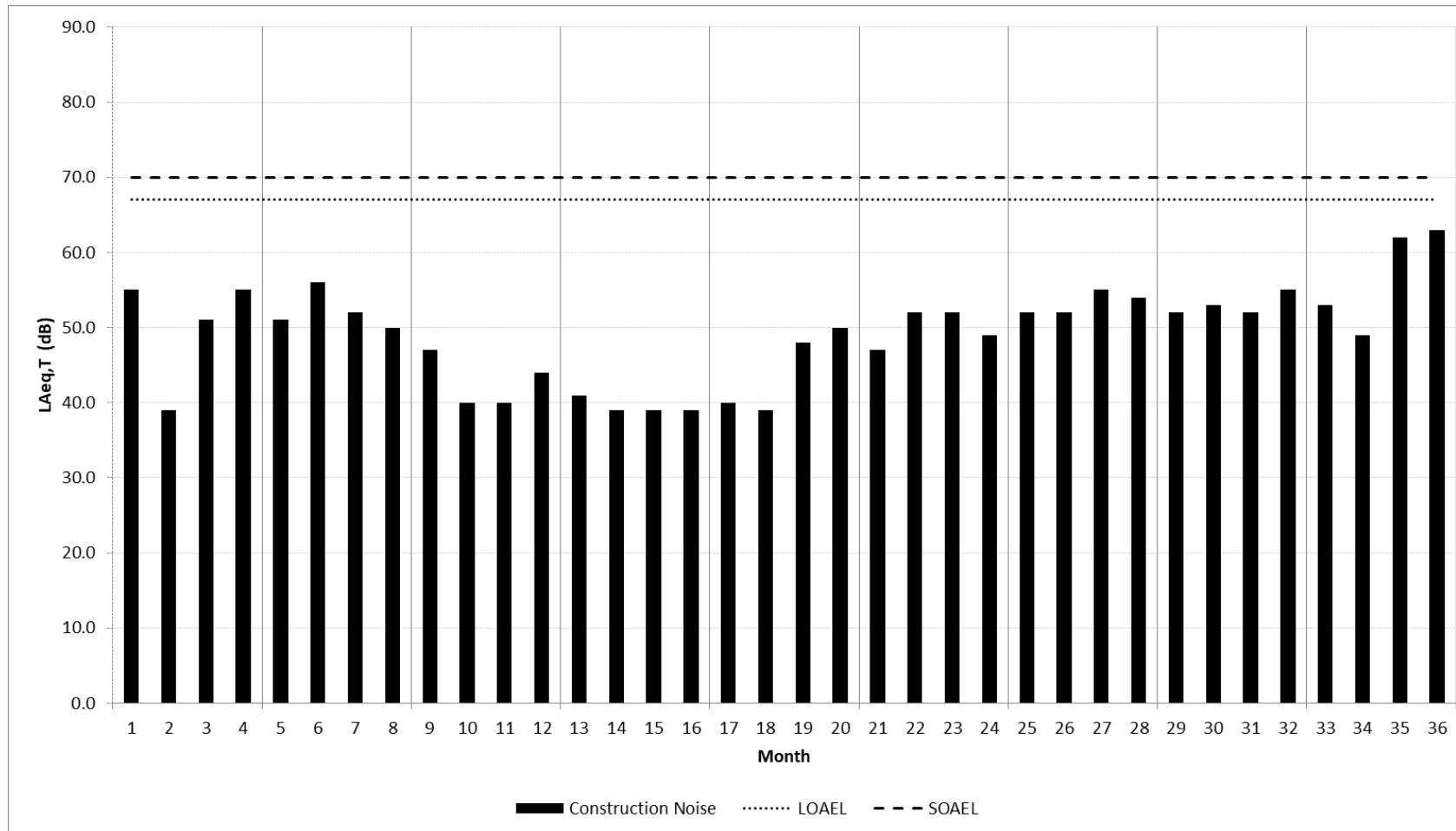
**Figure A.11.3.67: R20 - Wolverhampton Road (South) – Day, Ground Floor**



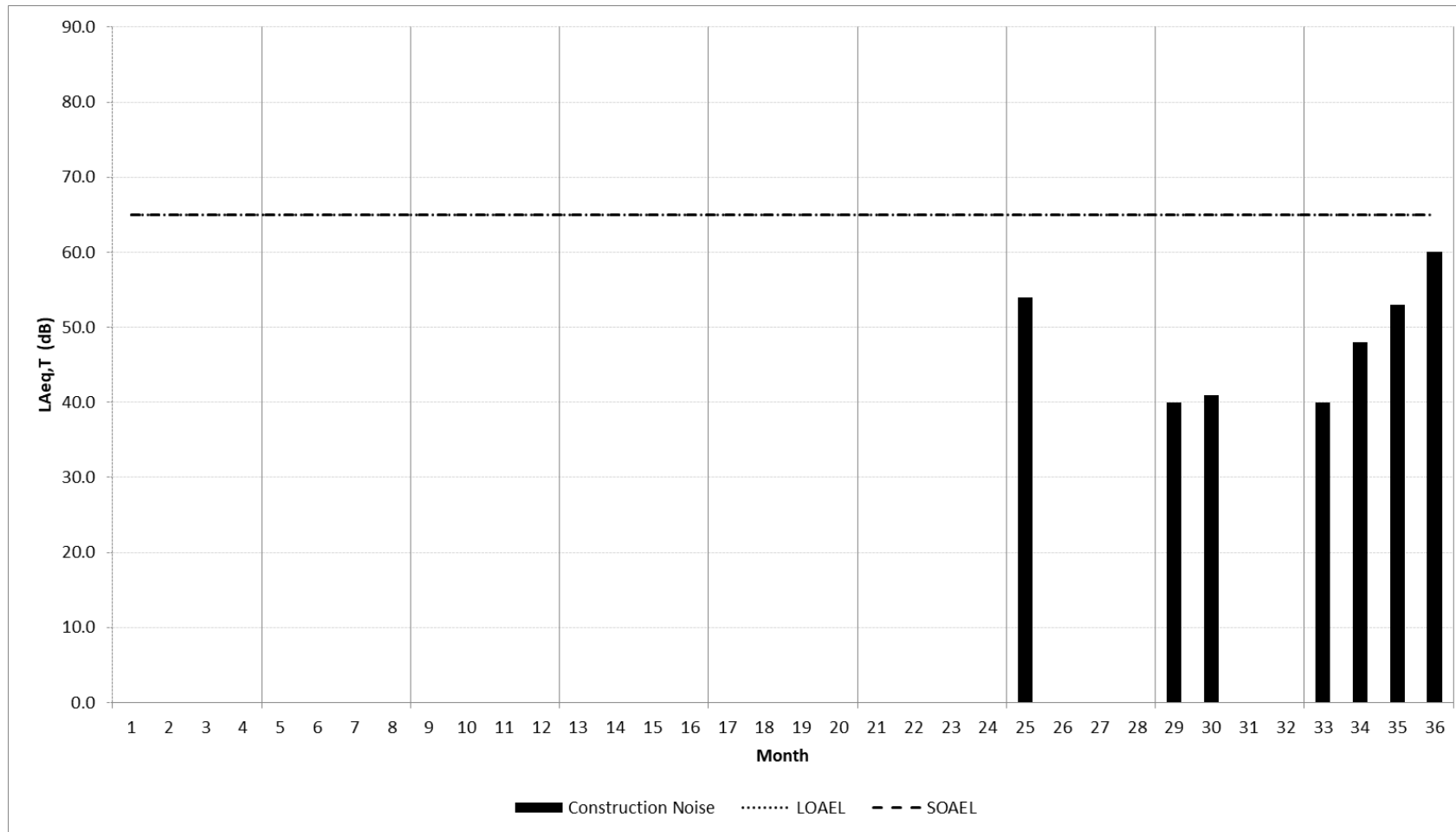
**Figure A.11.3.68: R20 - Wolverhampton Road (South) – Evening/Weekend, Ground Floor**



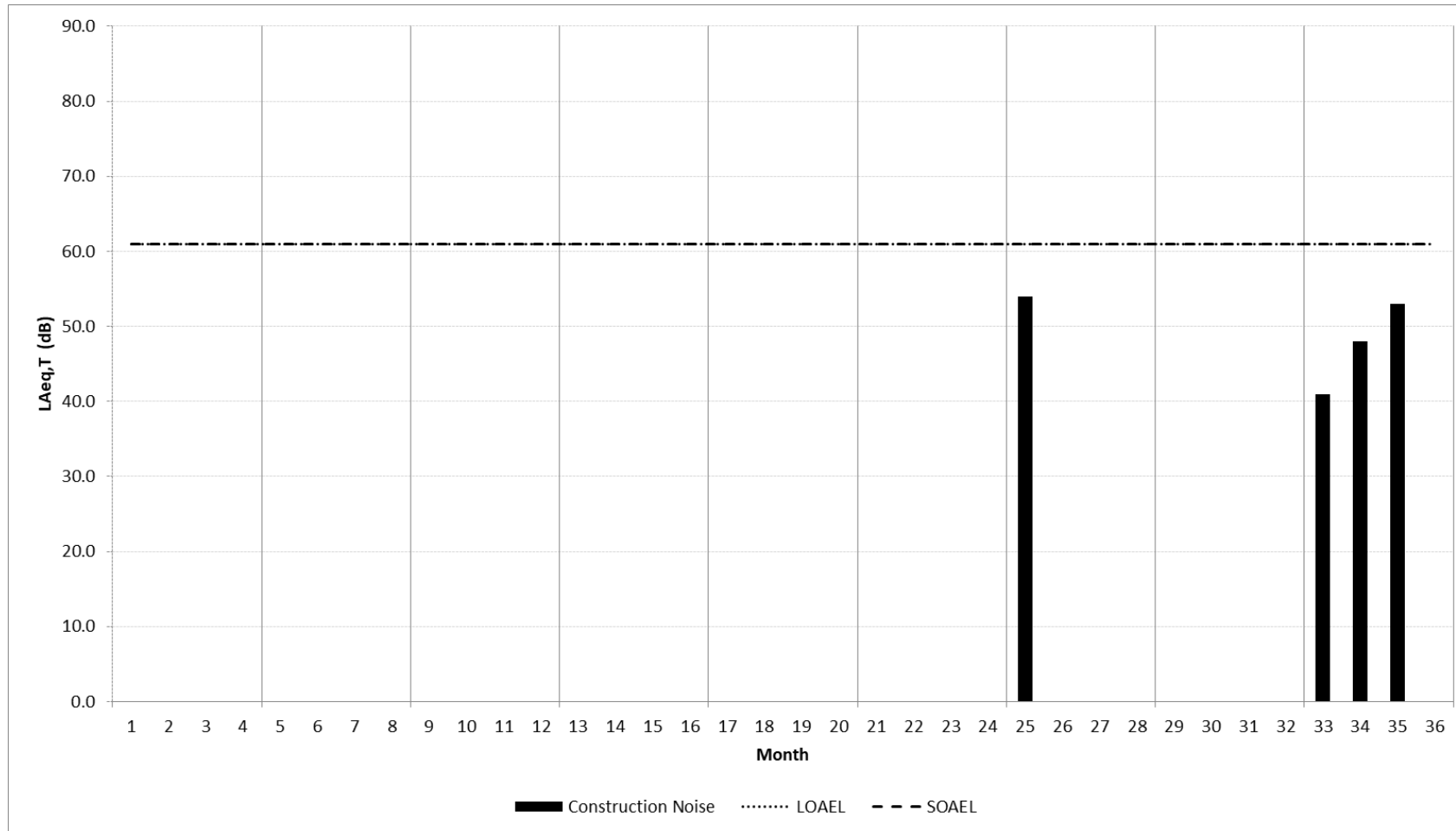
**Figure A.11.3.69: R20 - Wolverhampton Road (South) – Night, Ground Floor**



**Figure A.11.3.70: R21 - Wolverhampton Road (North) – Day, Ground Floor**

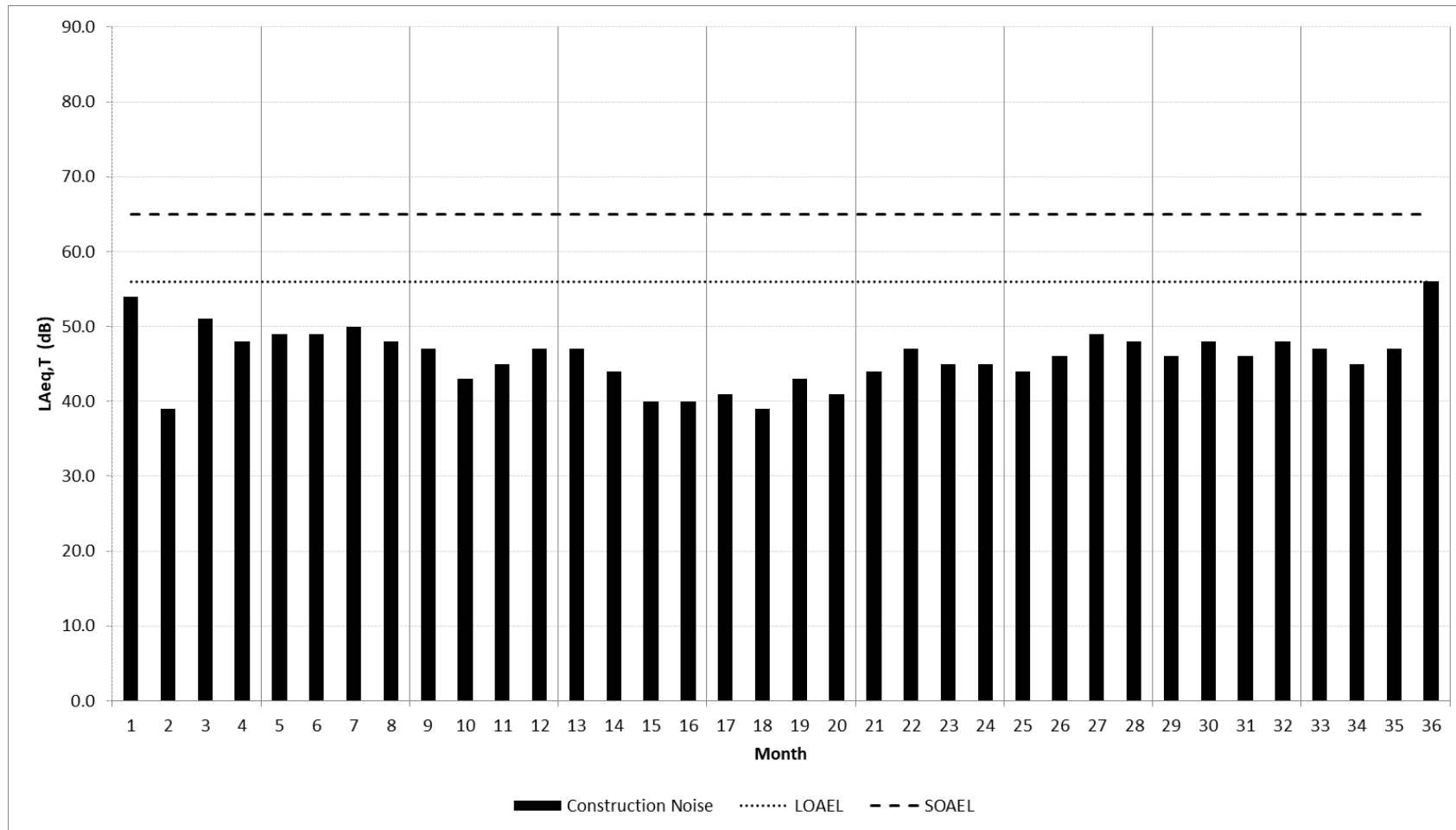


**Figure A.11.3.71: R21 - Wolverhampton Road, (North) – Evening/Weekend, Ground Floor**

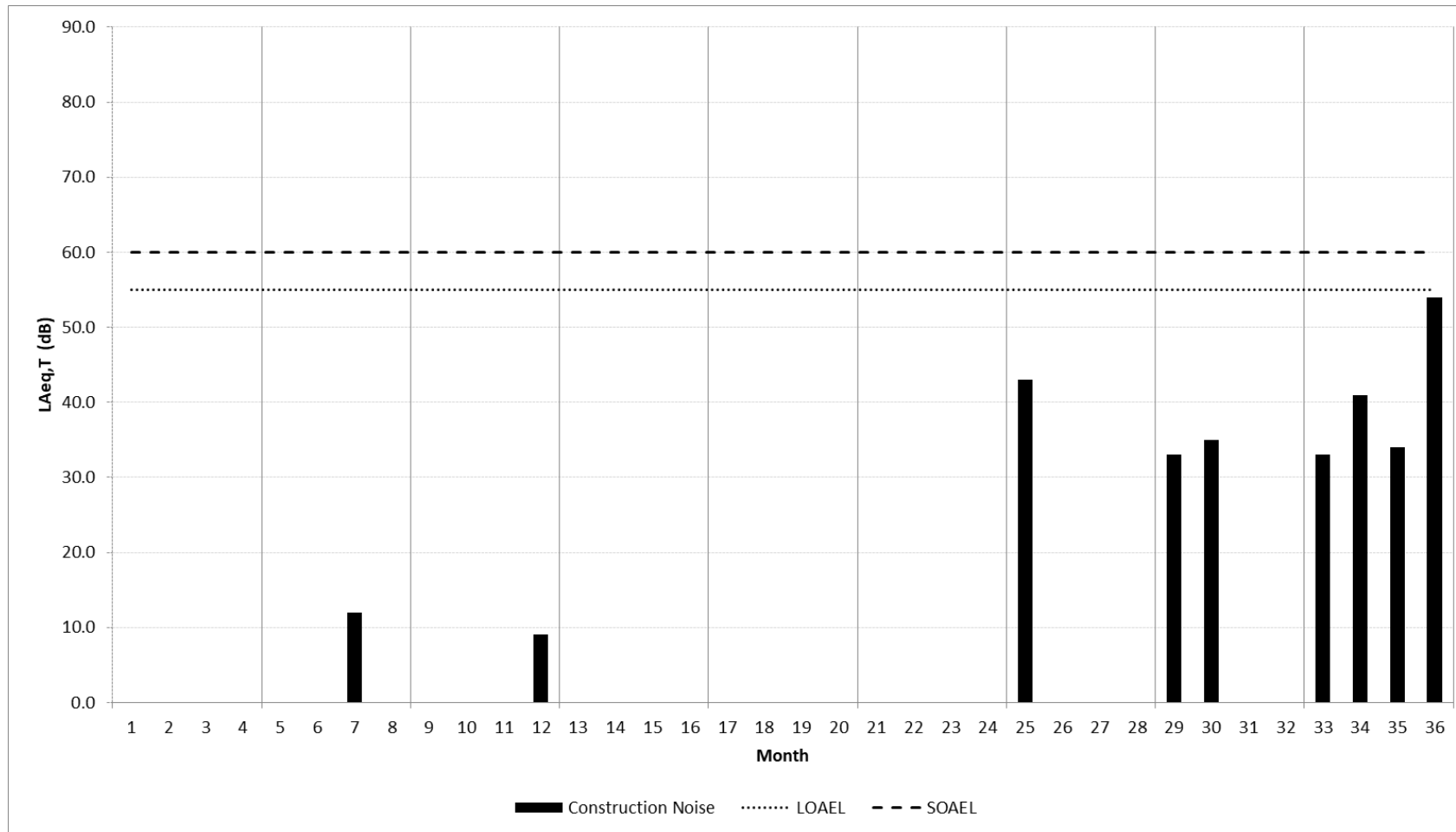


**Figure A.11.3.72: R21 - Wolverhampton Road (North) – Night, First Floor**

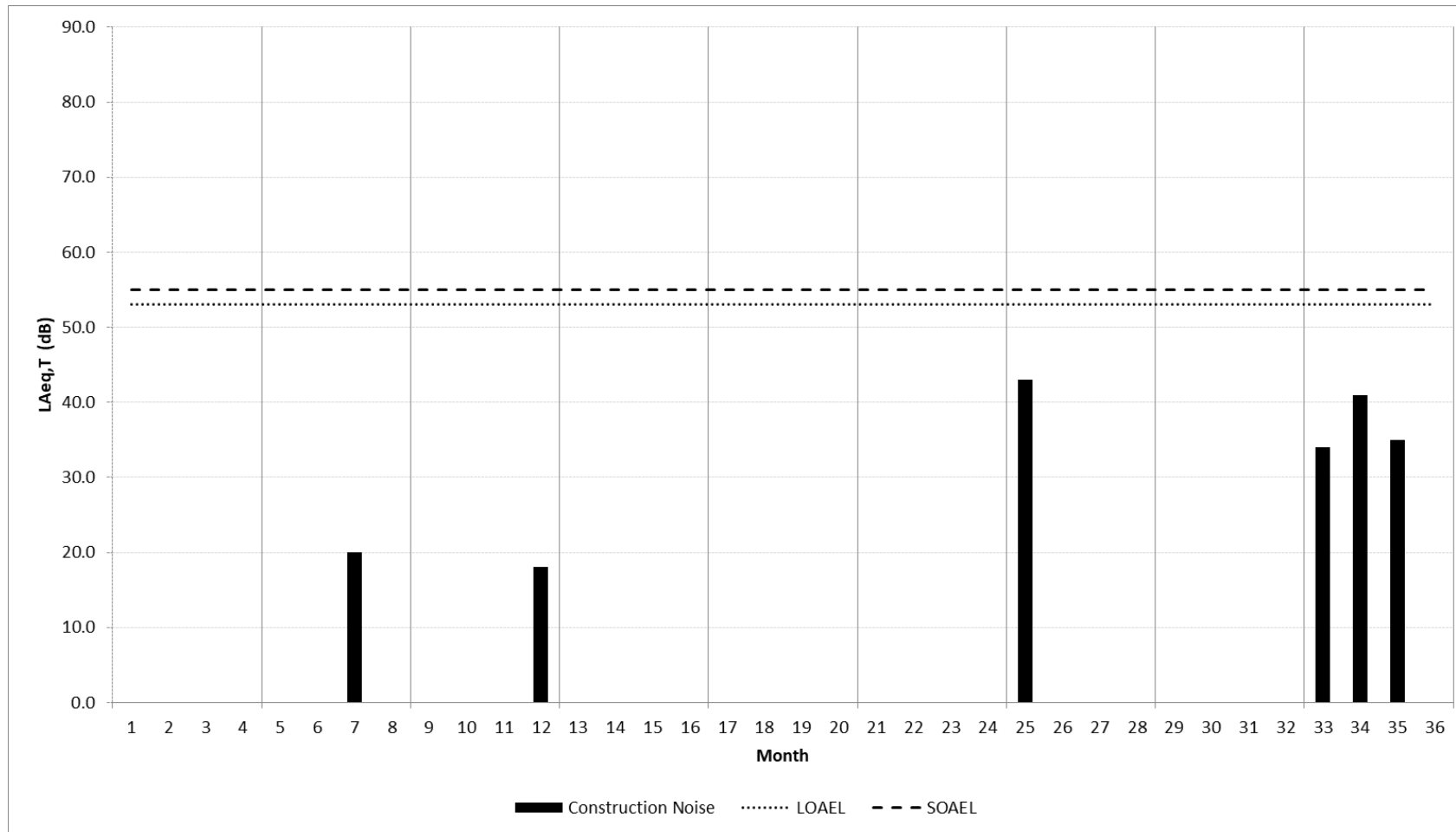




**Figure A.11.3.73: R22 - Mill Lane, Shareshill – Day, Ground Floor**



**Figure A.11.3.74: R22 - Mill Lane, Shareshill – Evening/Weekend, Ground Floor**



**Figure A.11.3.75: R22 - Mill Lane, Shareshill – Night, First Floor**