

**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

July 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>
2	July 2020	DCO Application - Update to new DMRB

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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 Baseline 2019 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.

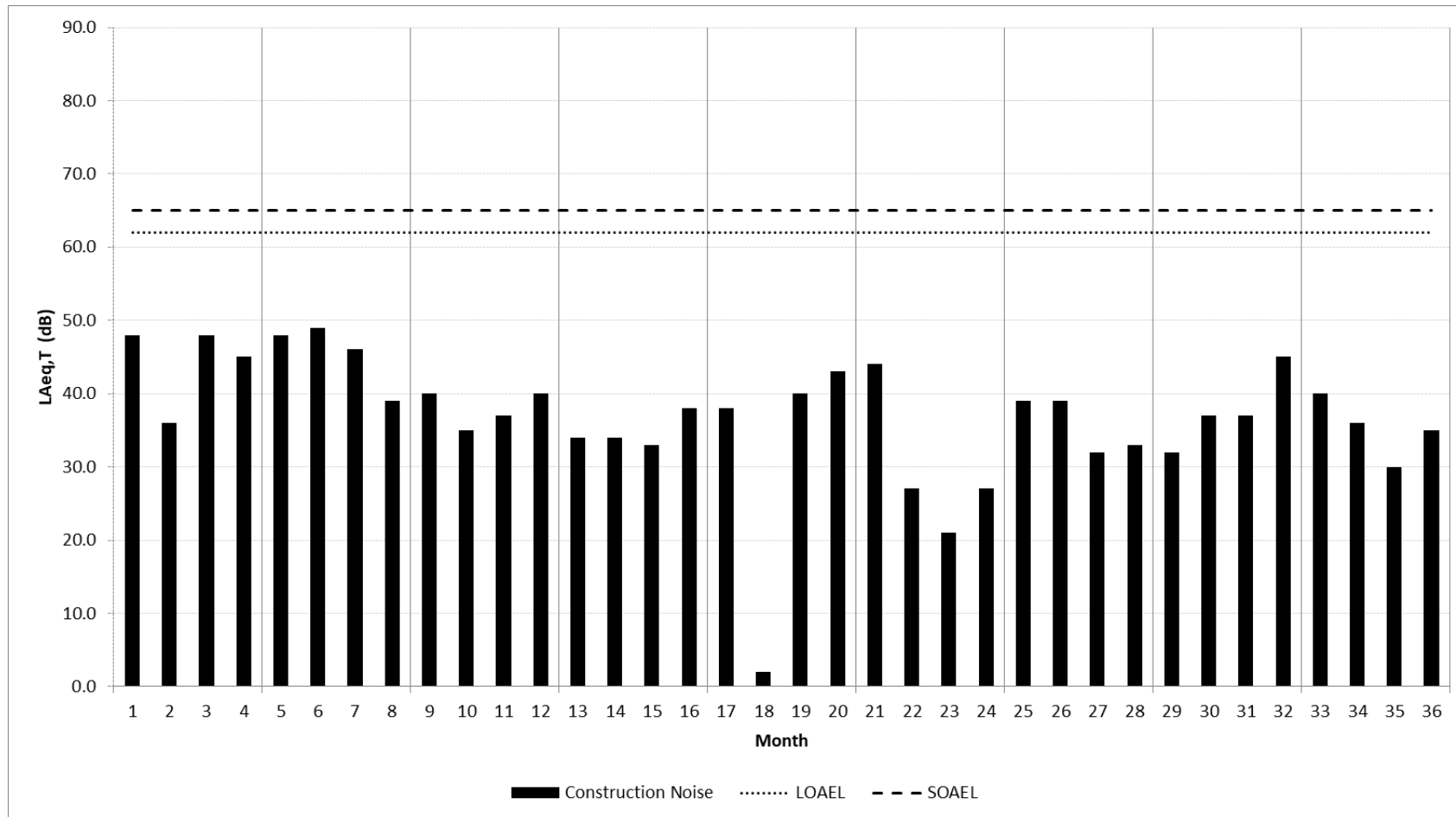
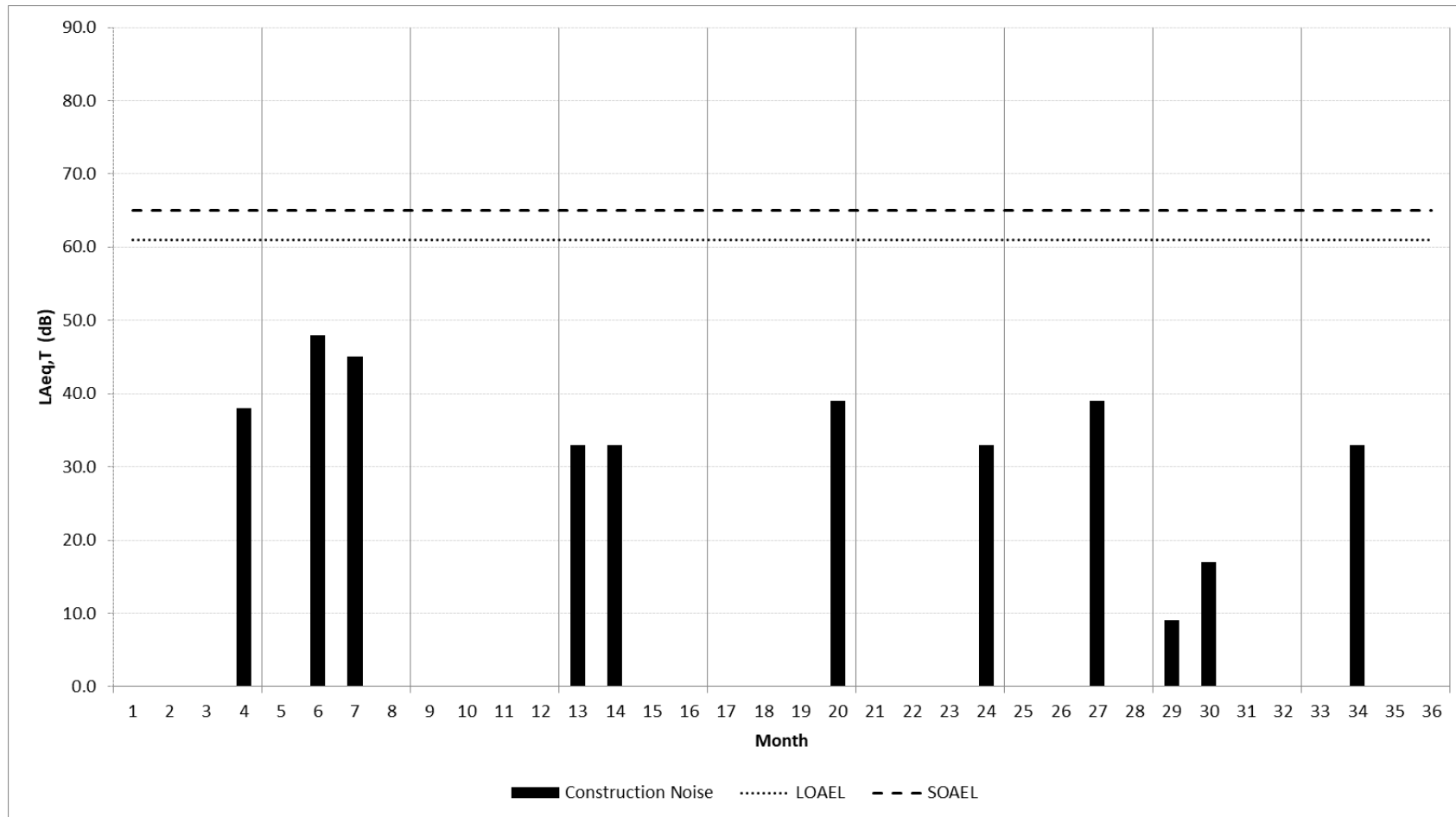


Figure A.11.3.1: R01 - Moseley Old Hall Lane, Featherstone – Day, Ground Floor





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

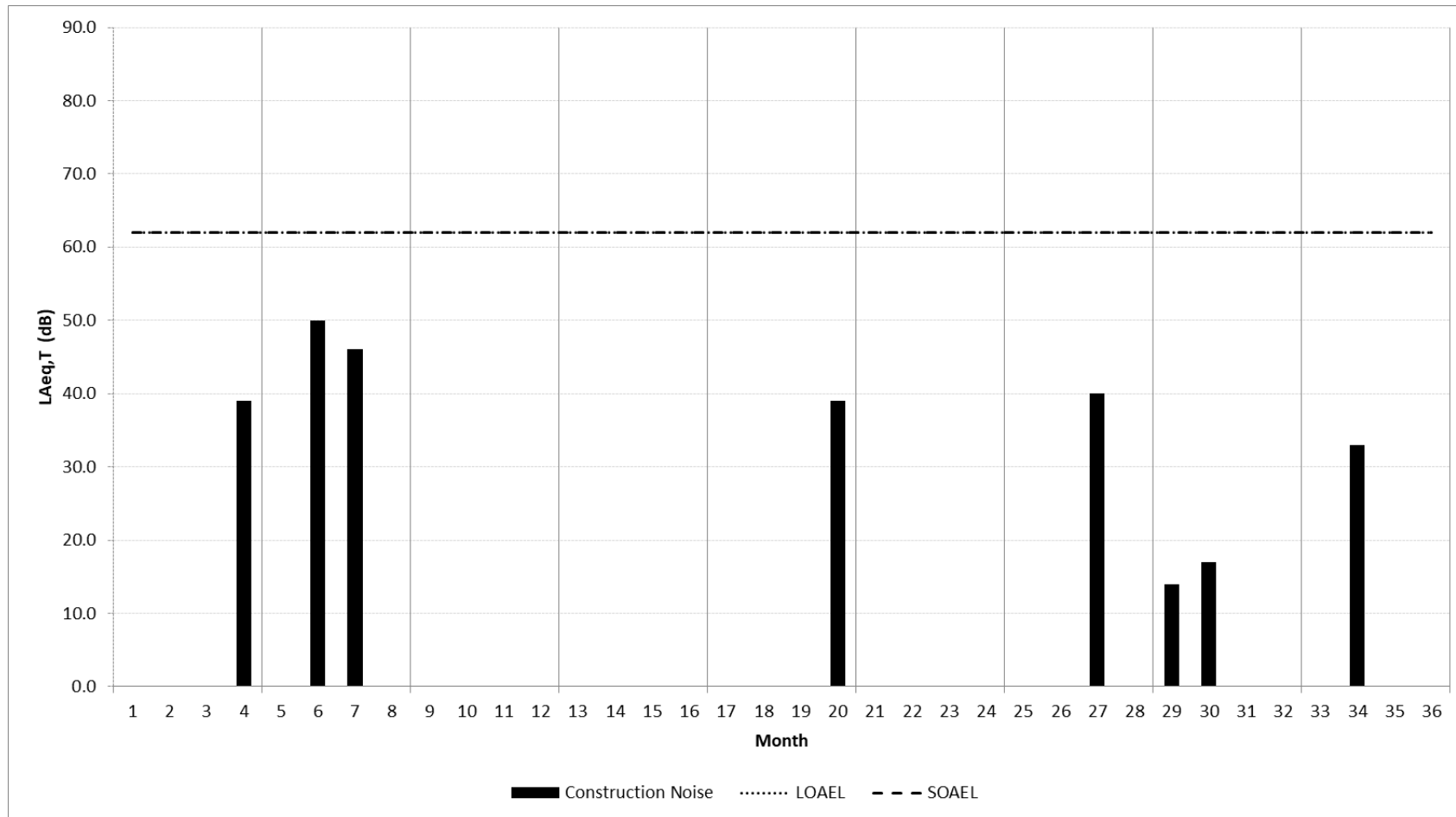
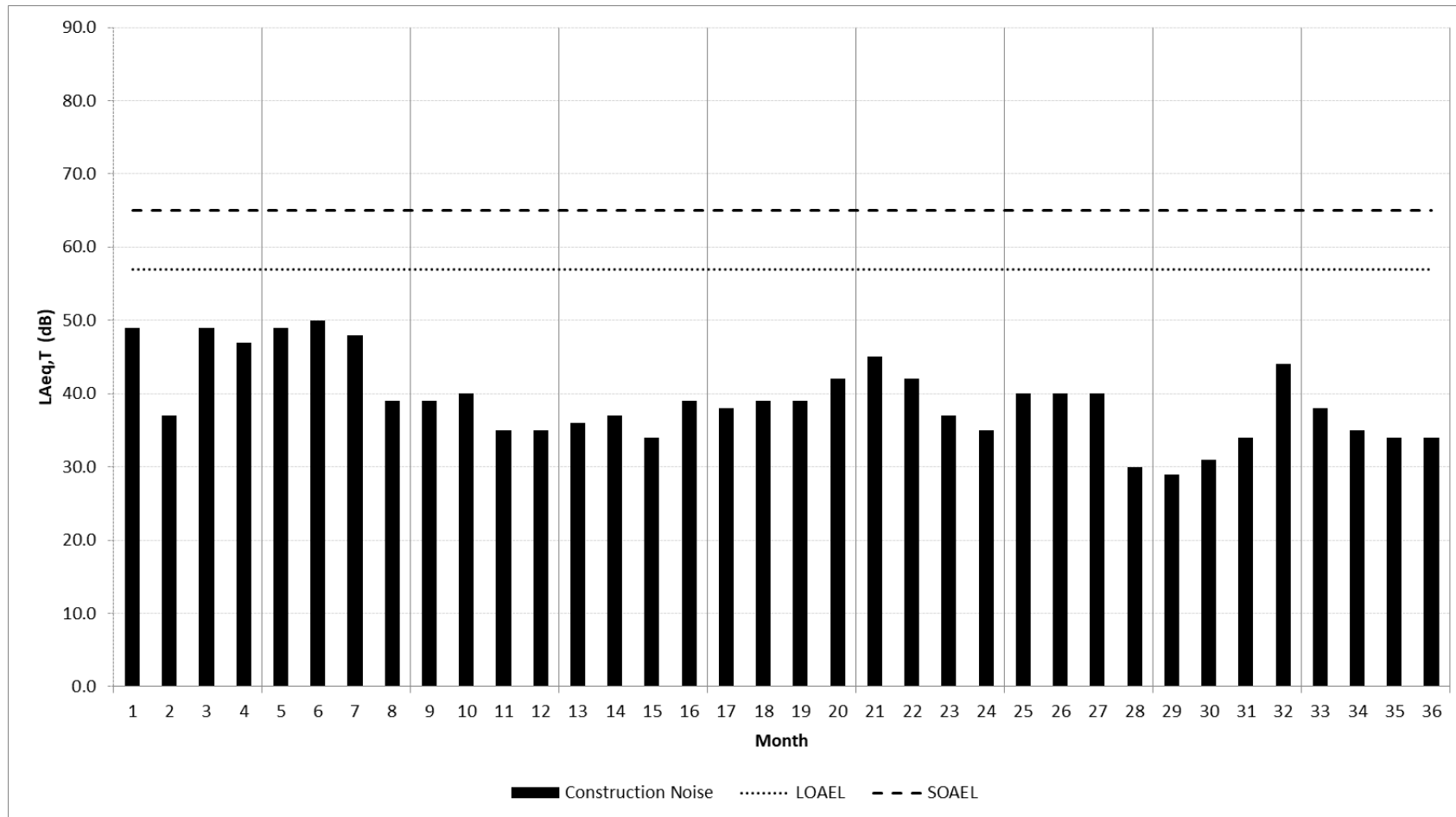
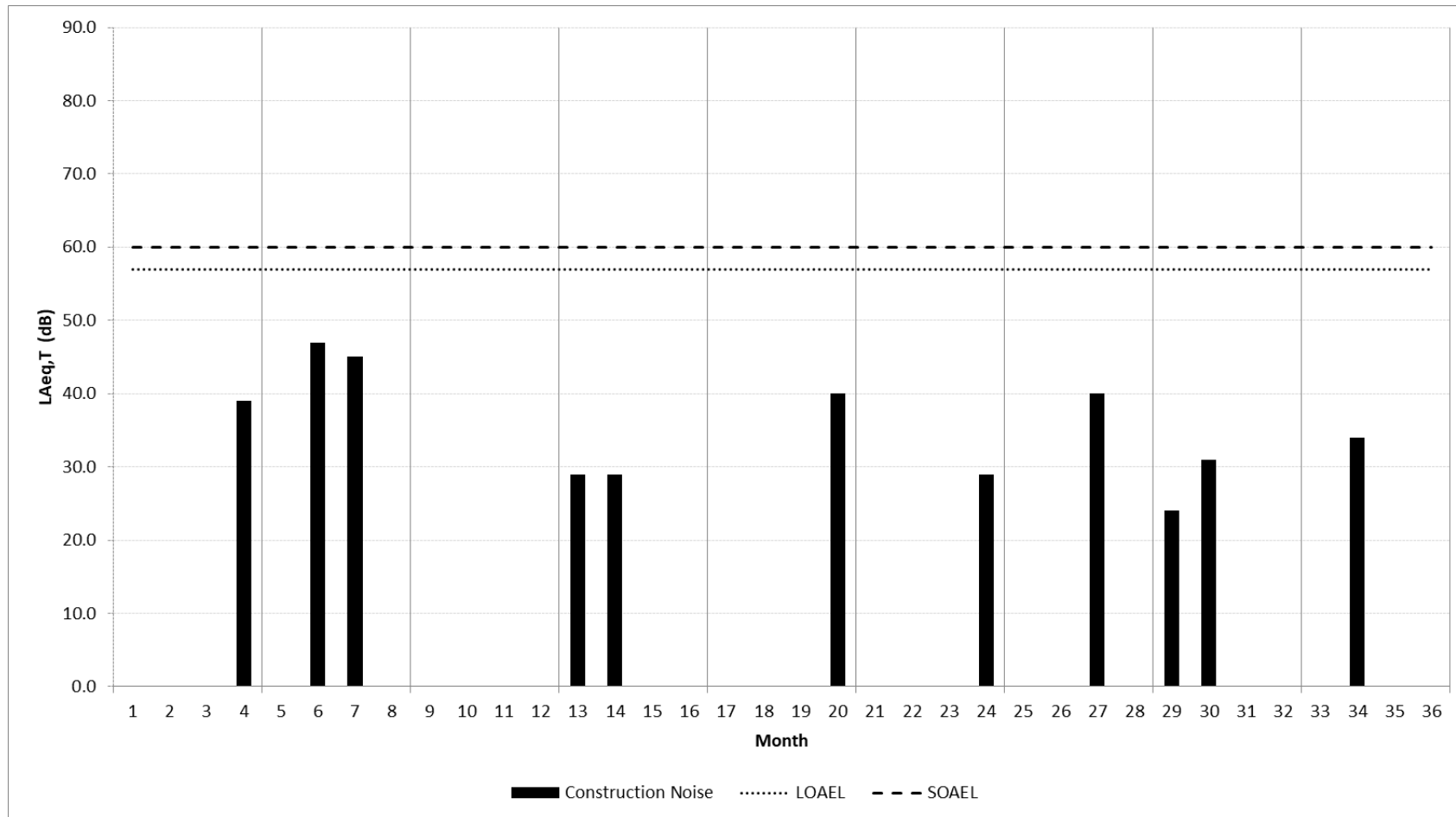


Figure A.11.3.3: R01 - Moseley Old Hall Lane, Featherstone – Night, First Floor



**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**

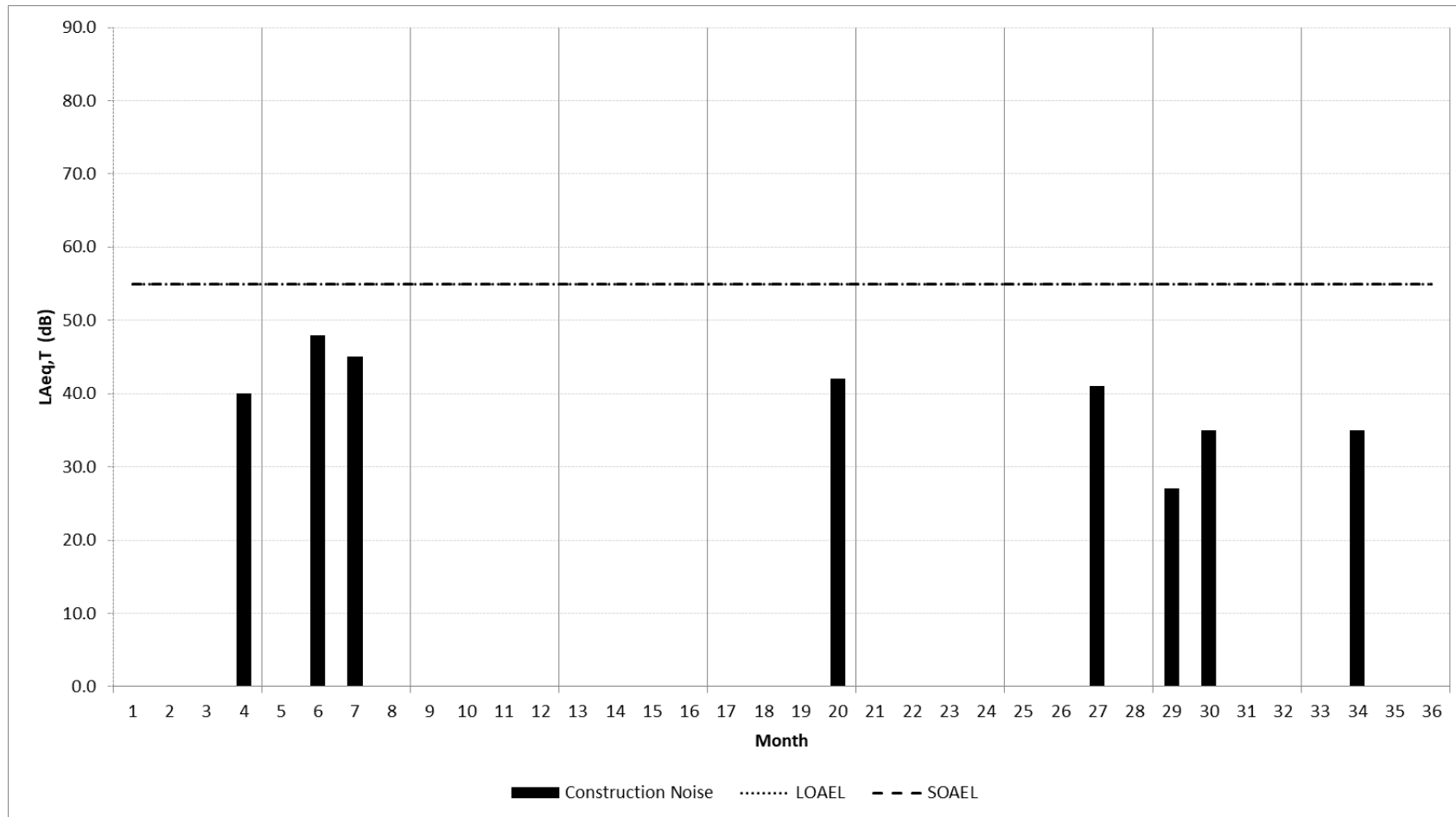
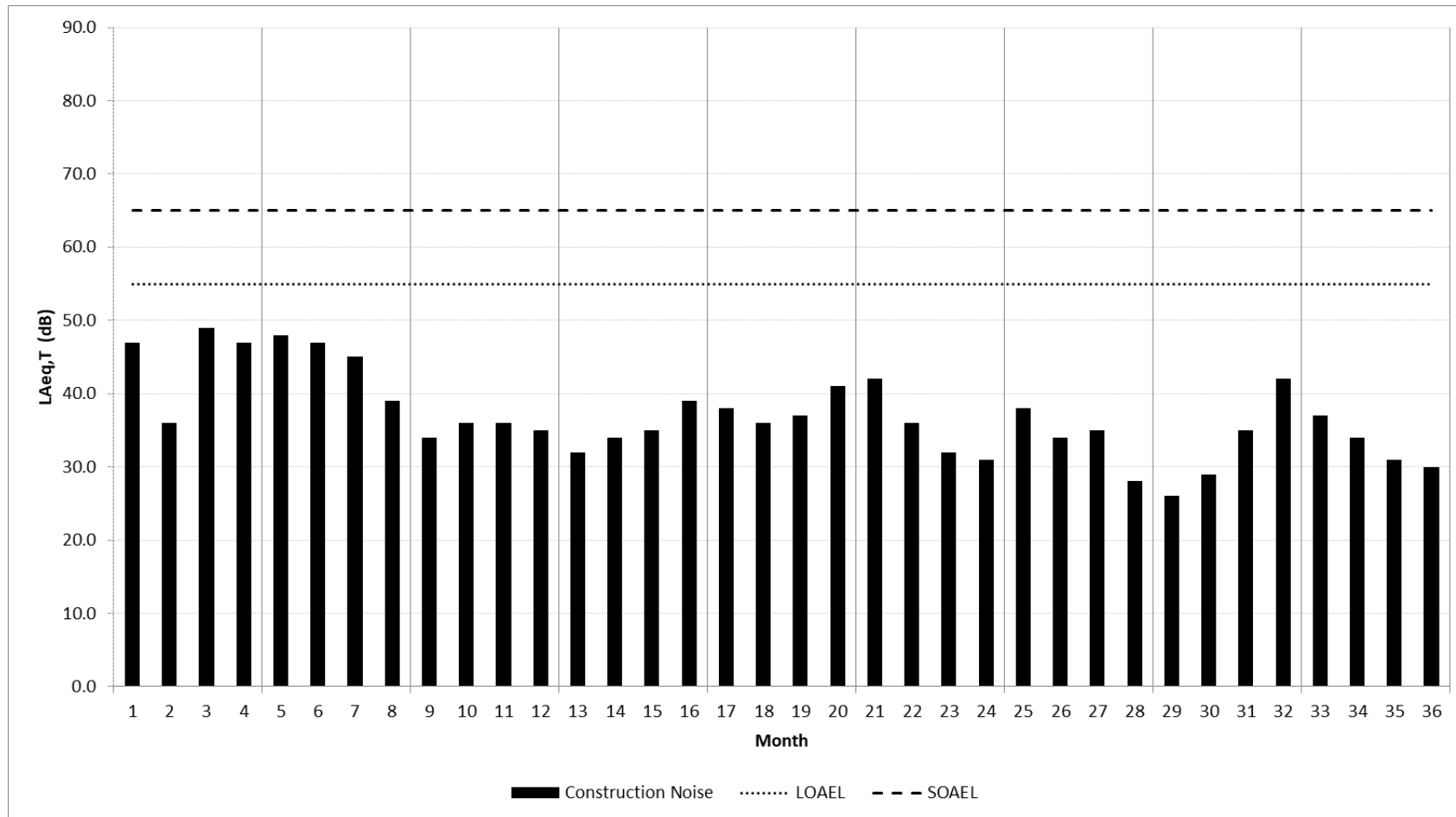


Figure A.11.3.6: R02 - Penderell Close, Featherstone – Night, First Floor



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

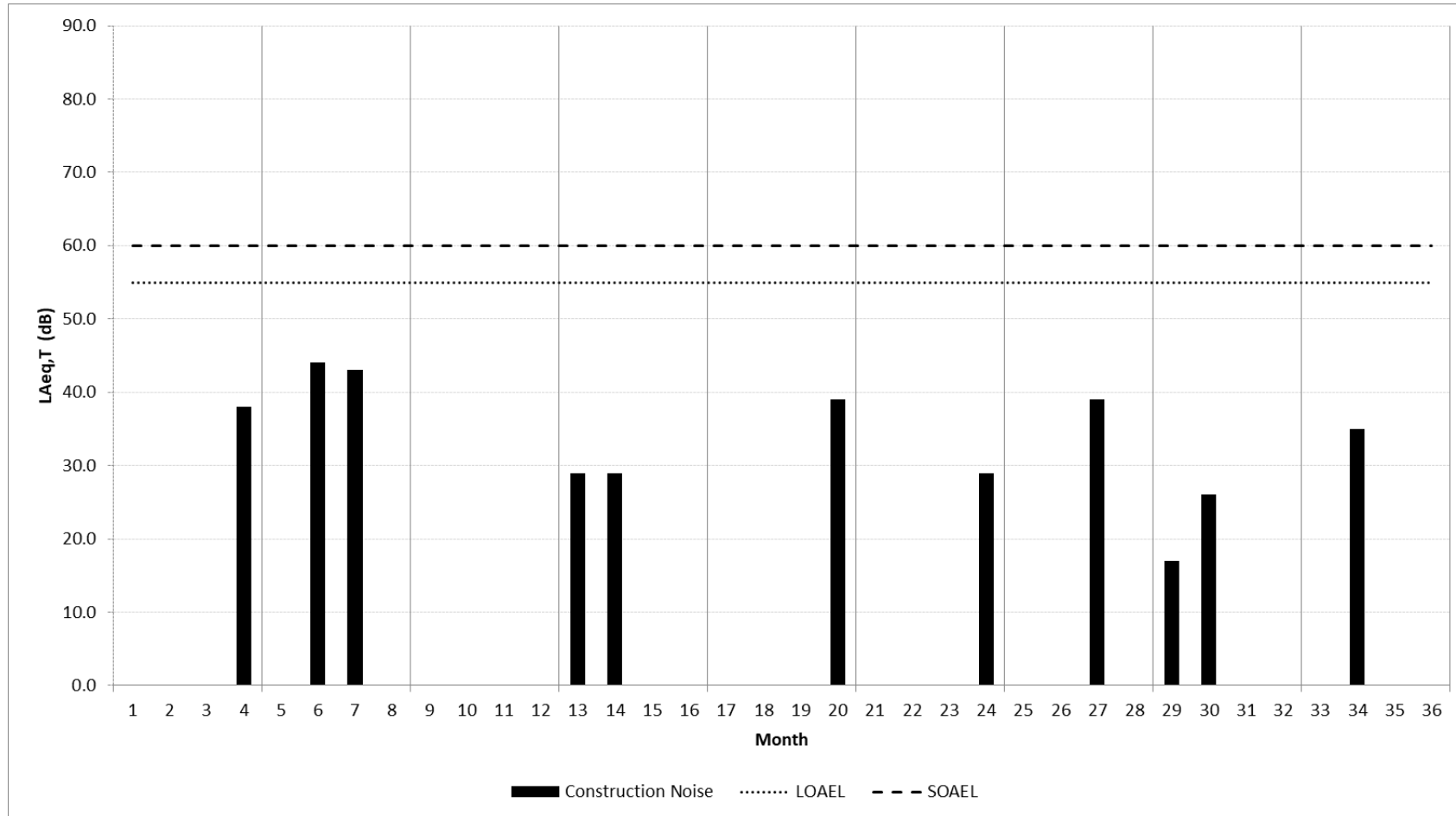


Figure A.11.3.8: R03 - Jackson Close, Featherstone – Evening/Weekend, Ground Floor

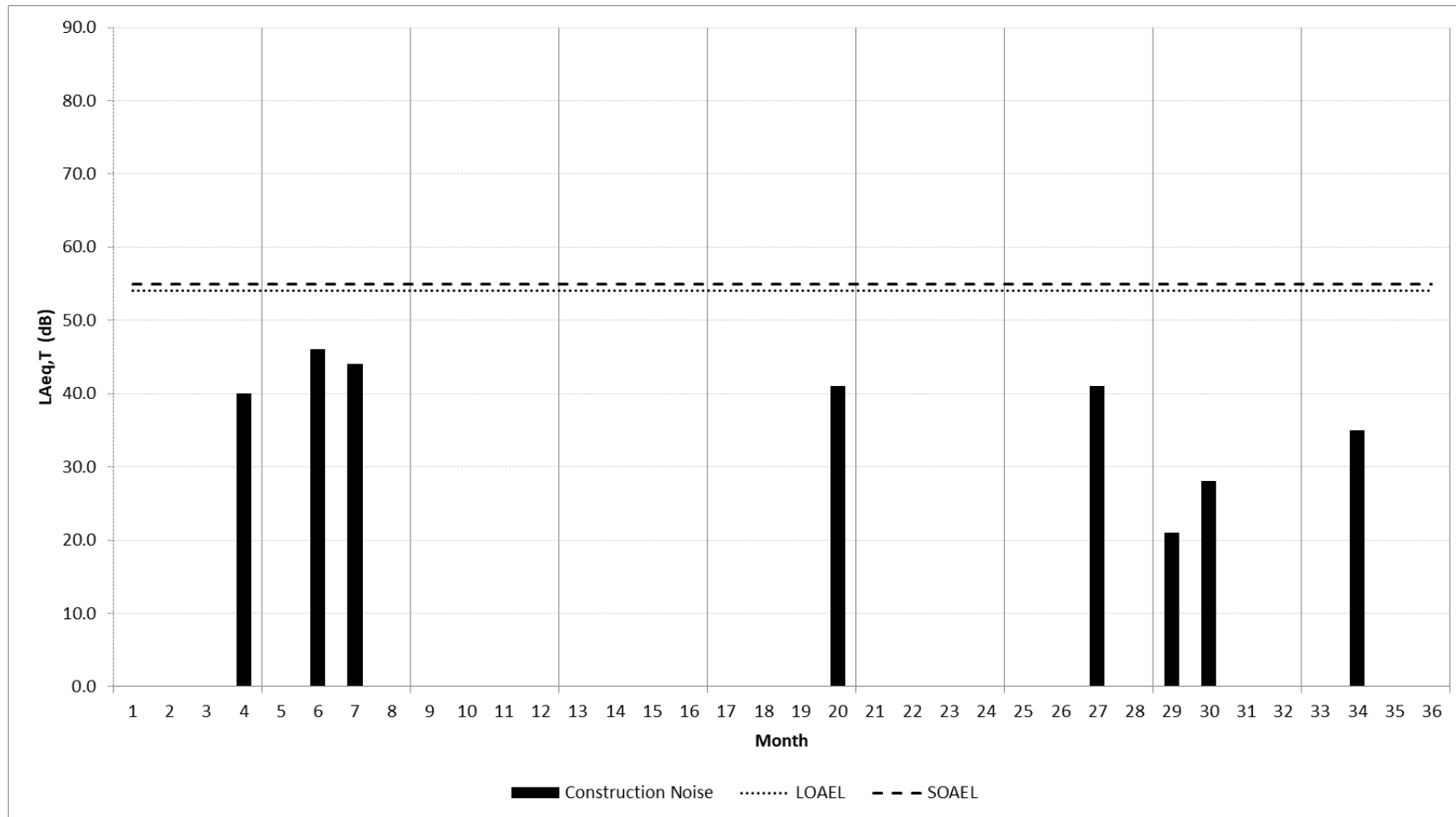
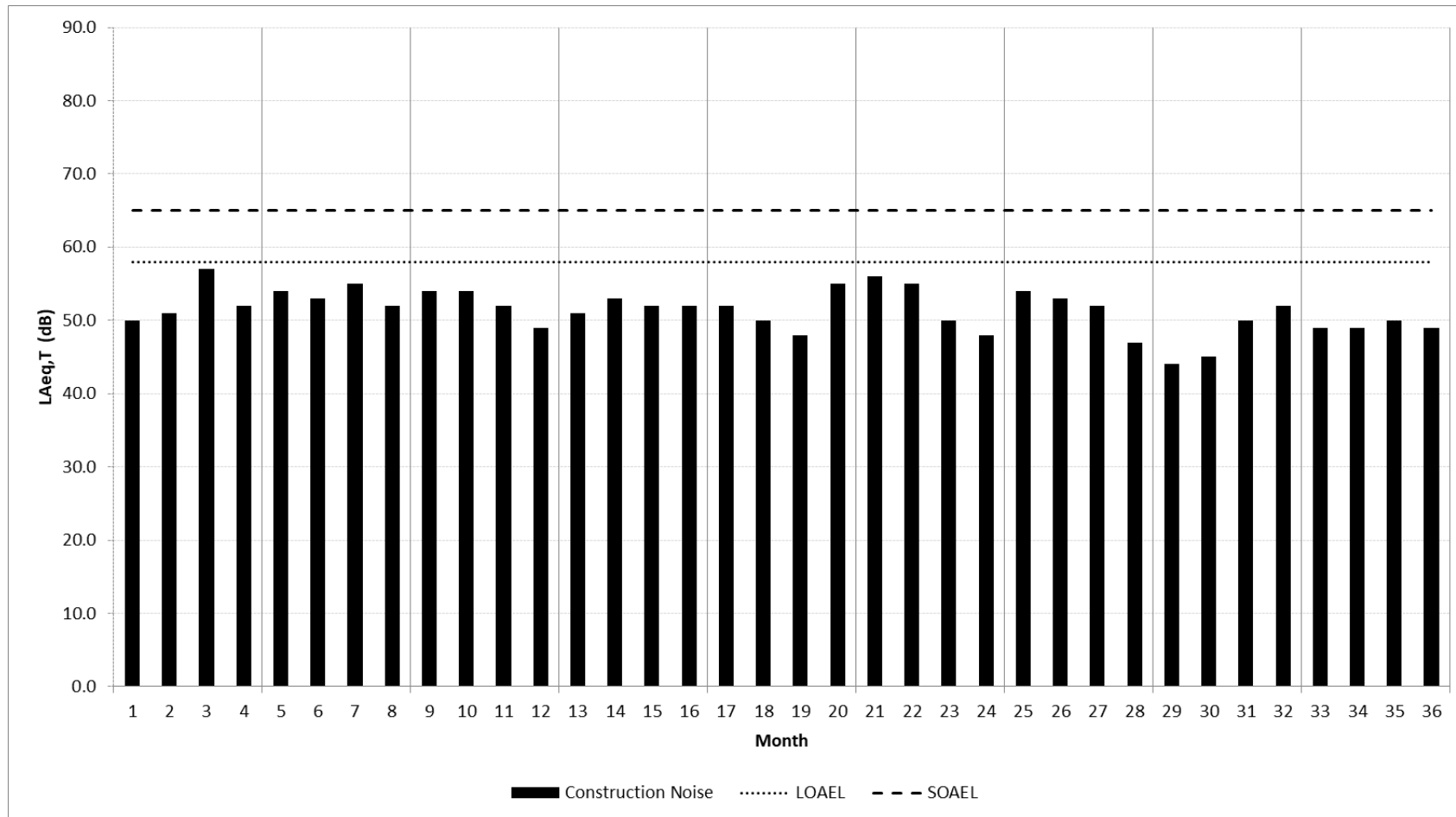
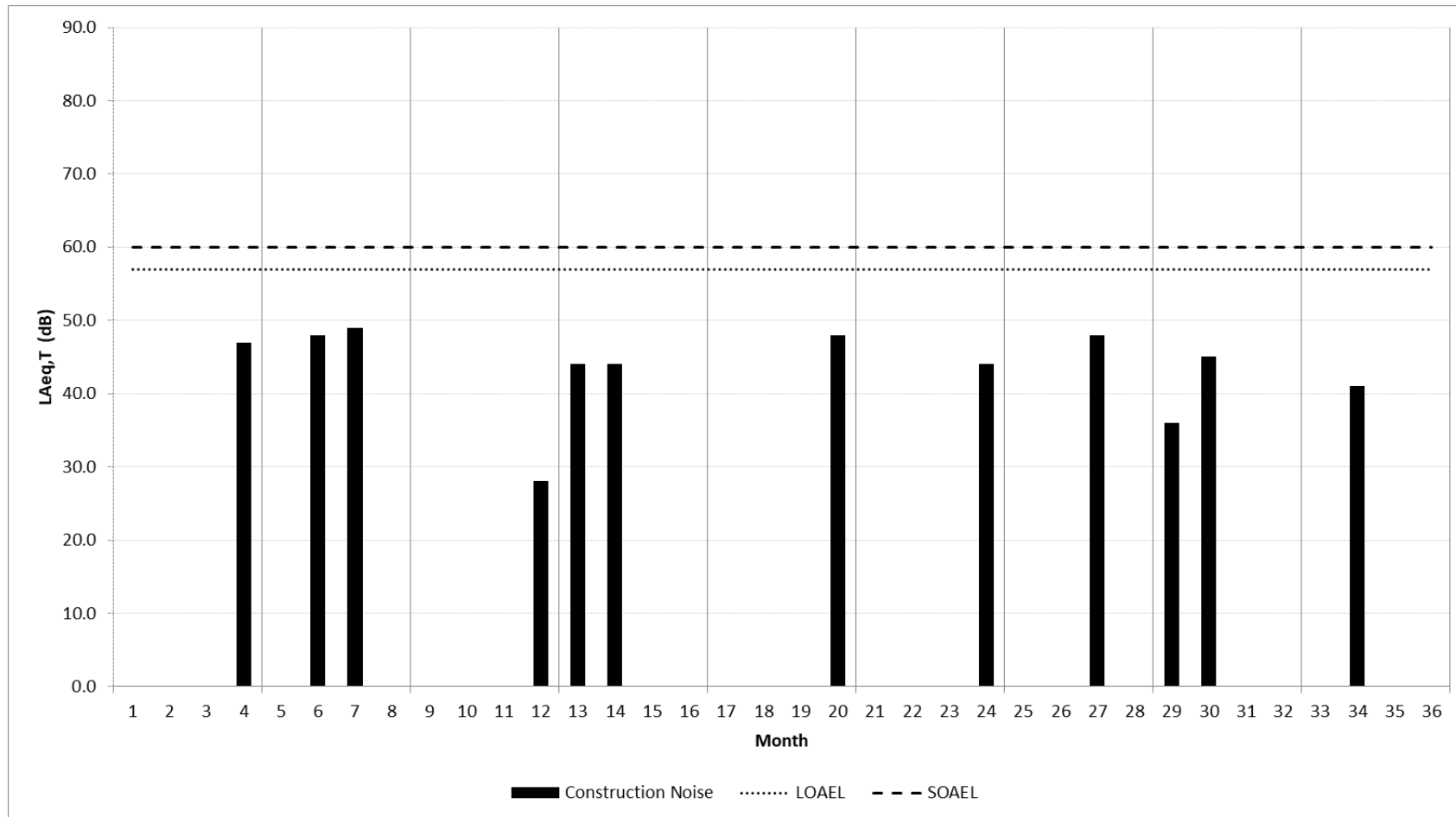


Figure A.11.3.9: R03 - Jackson Close, Featherstone – Night, First Floor

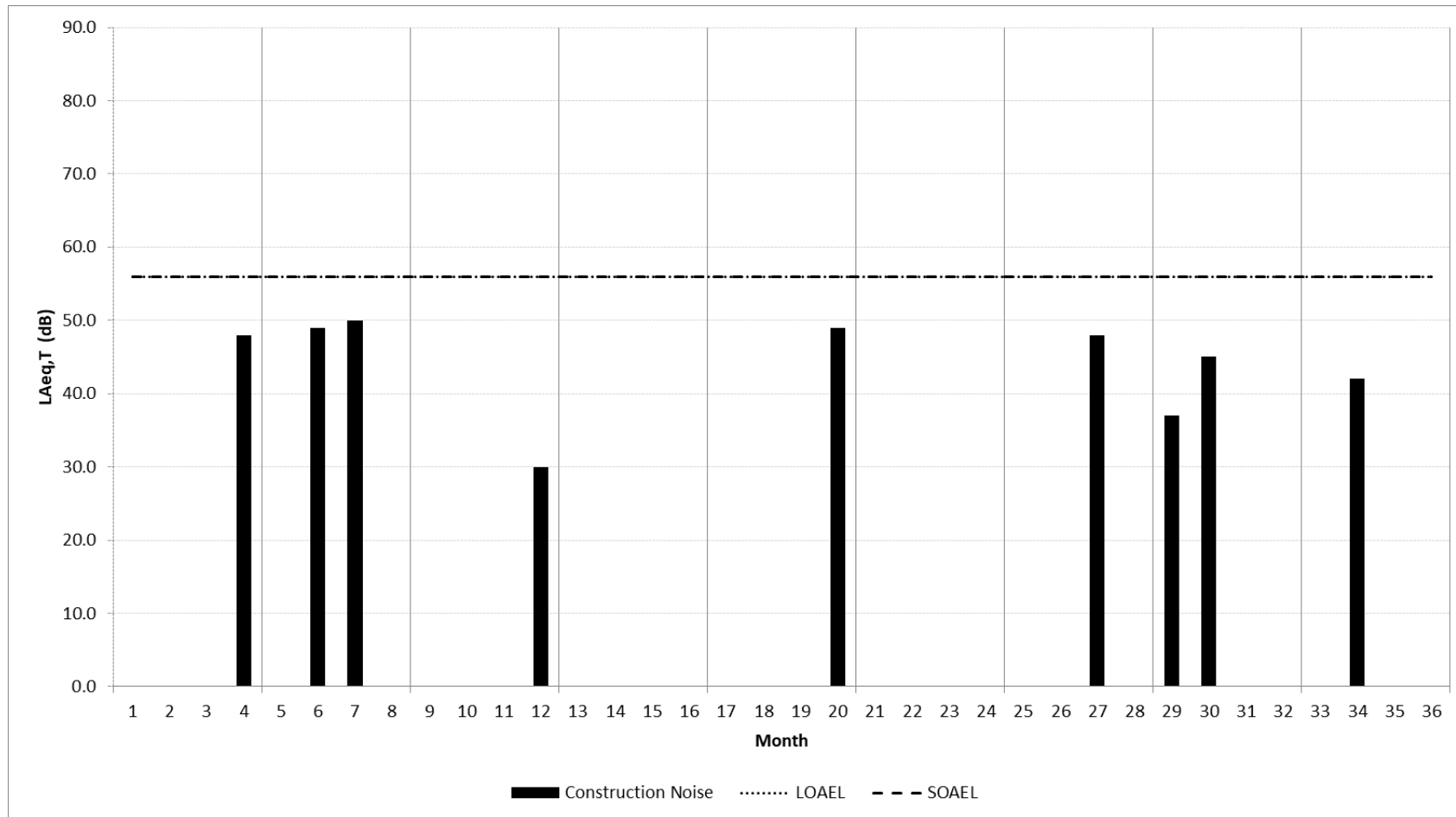




**Figure A.11.3.10: R04 - South View Close, Featherstone (South) – Day, Ground Floor**



**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**

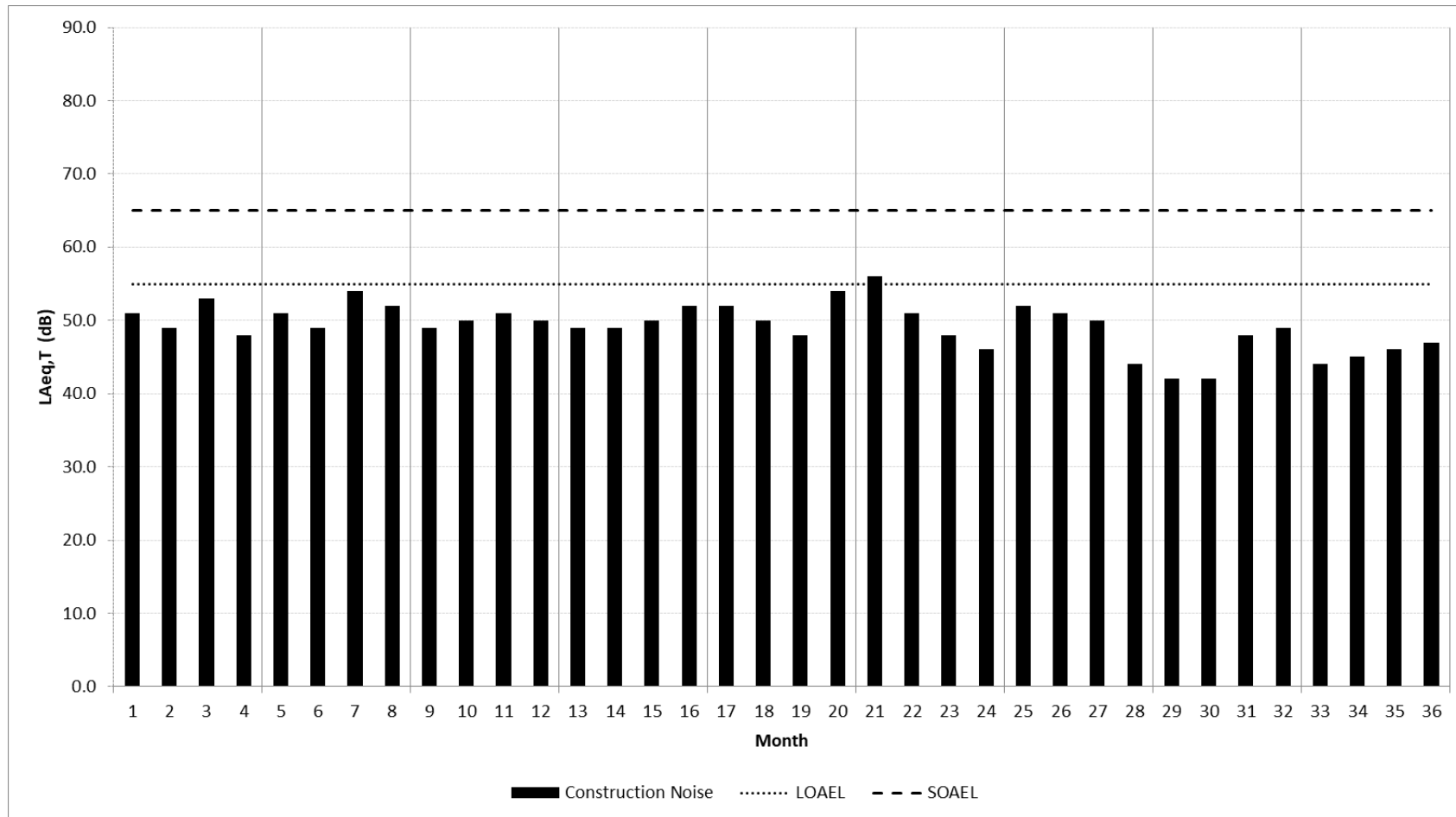
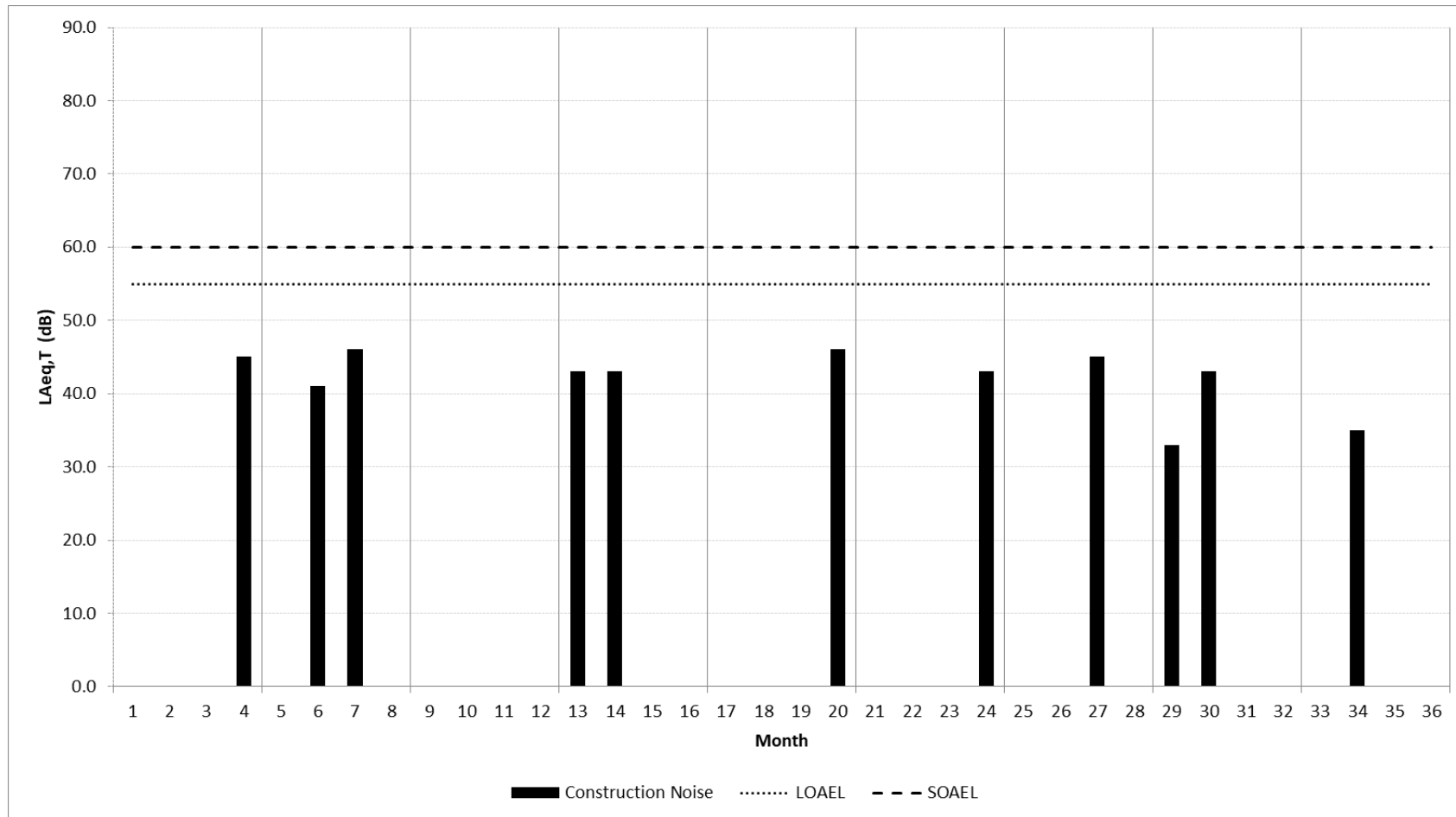
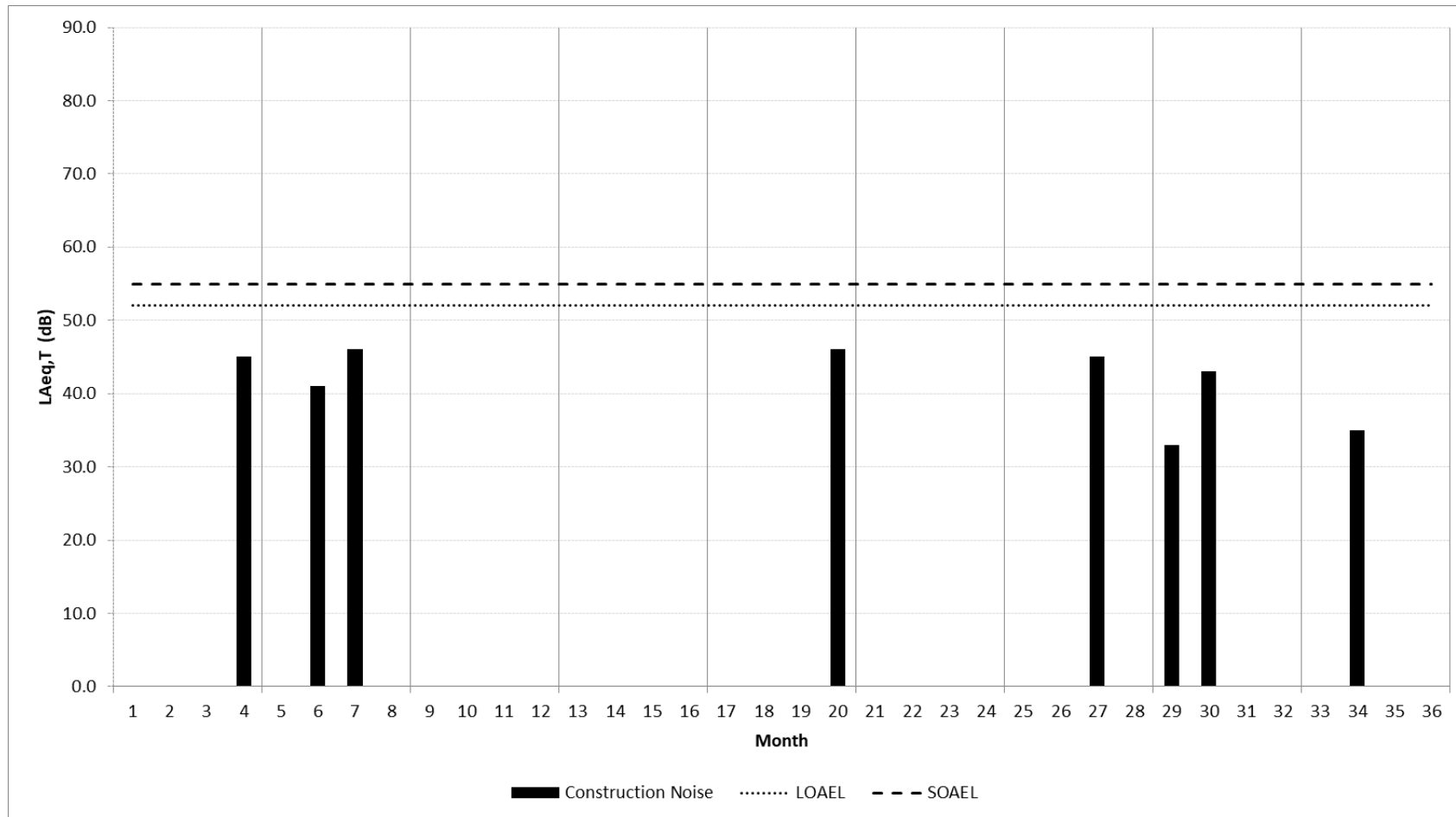


Figure A.11.3.13: R05 - South View Close, Featherstone (North) – Day, Ground Floor



**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**

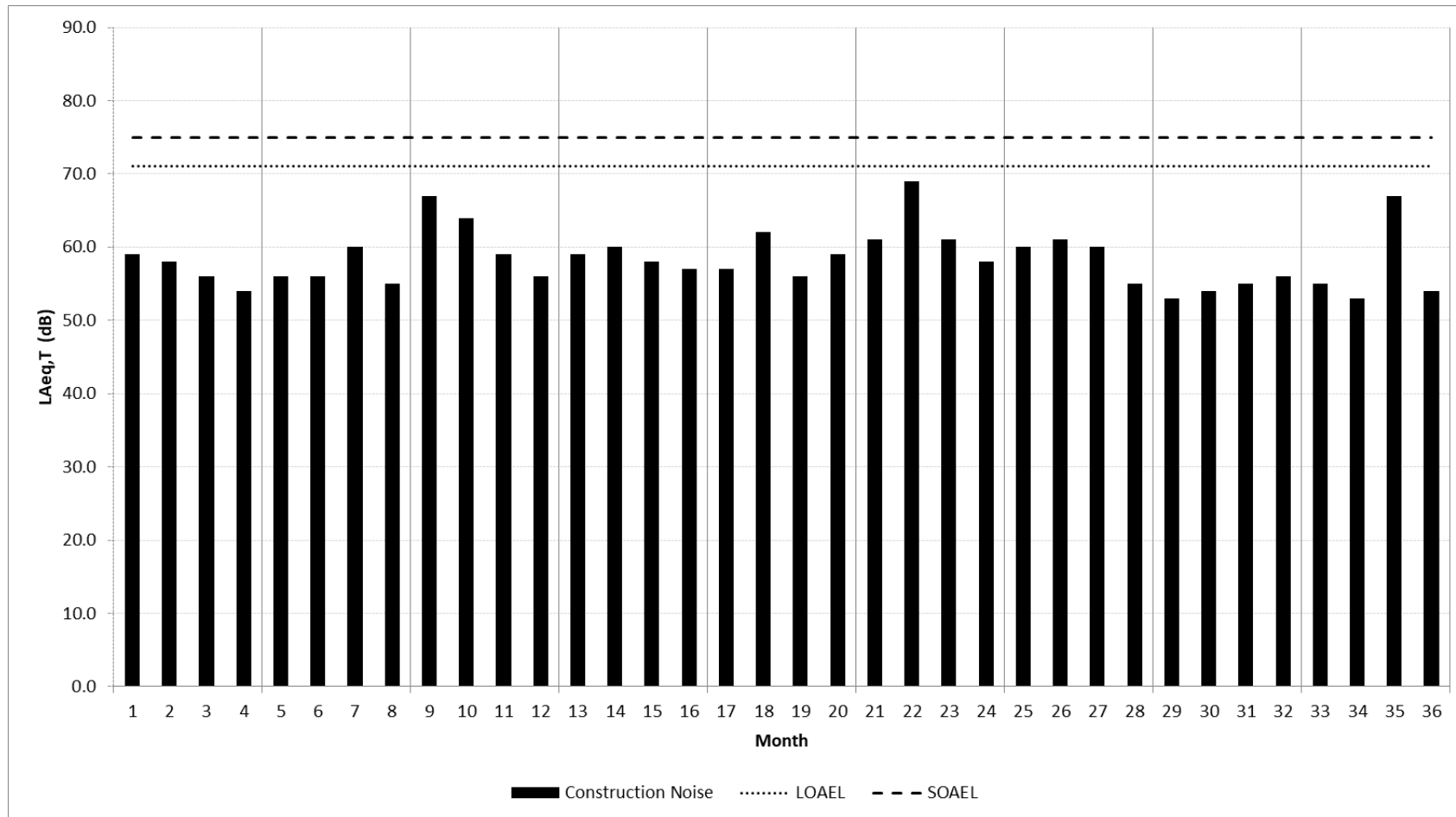
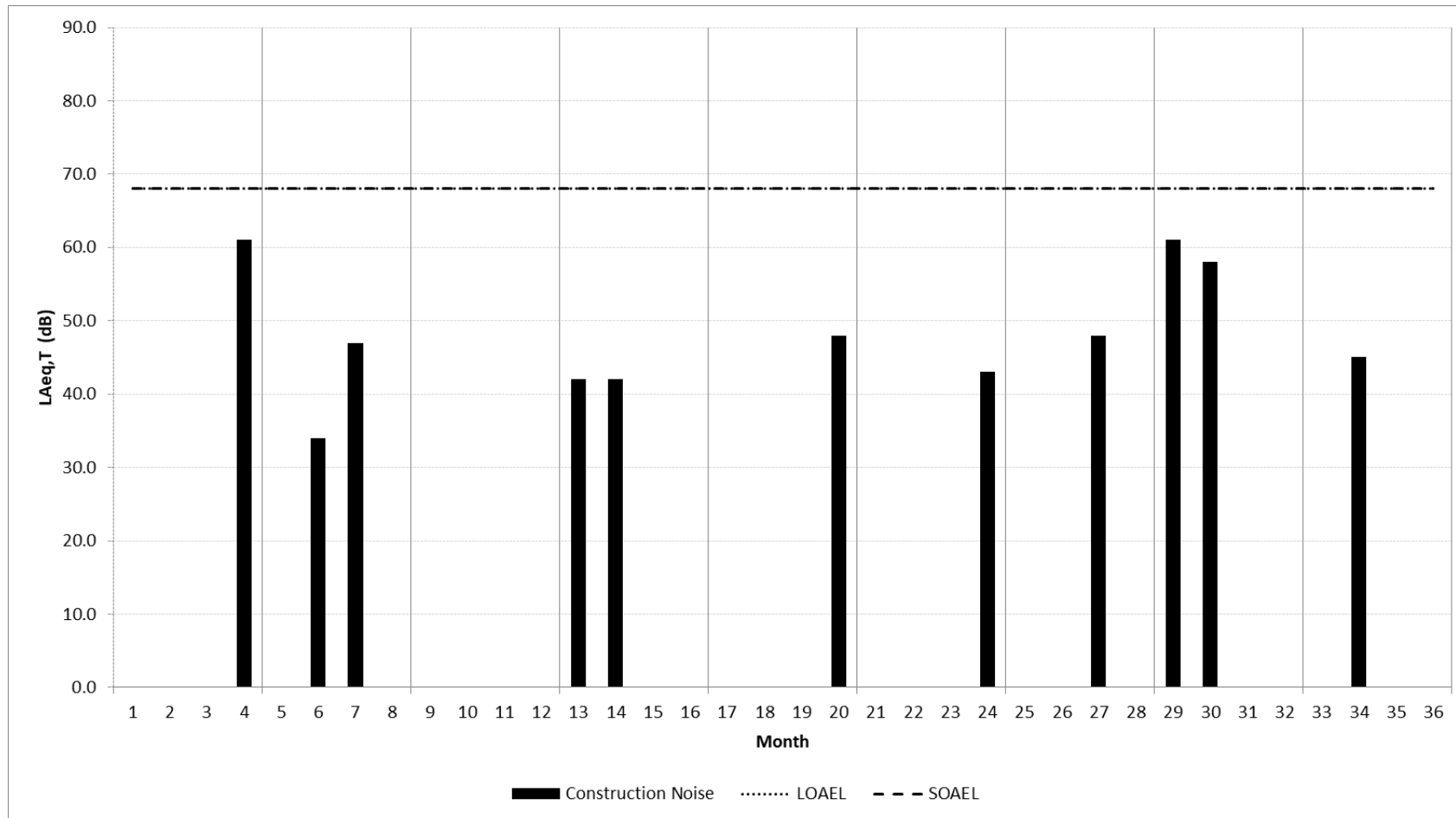
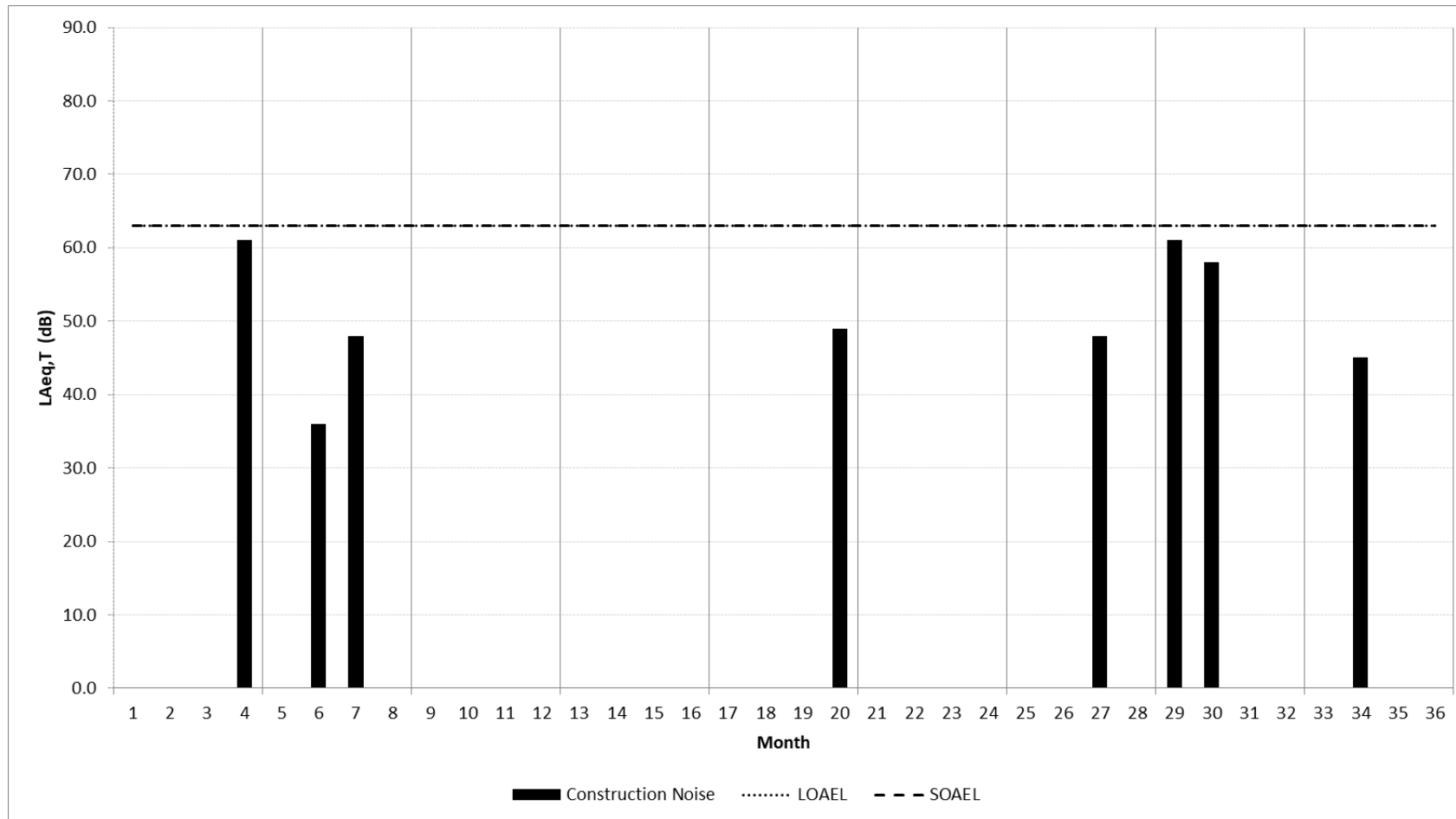


Figure A.11.3.16: R06 - Cannock Road, Featherstone (South) – Day, Ground Floor



**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**

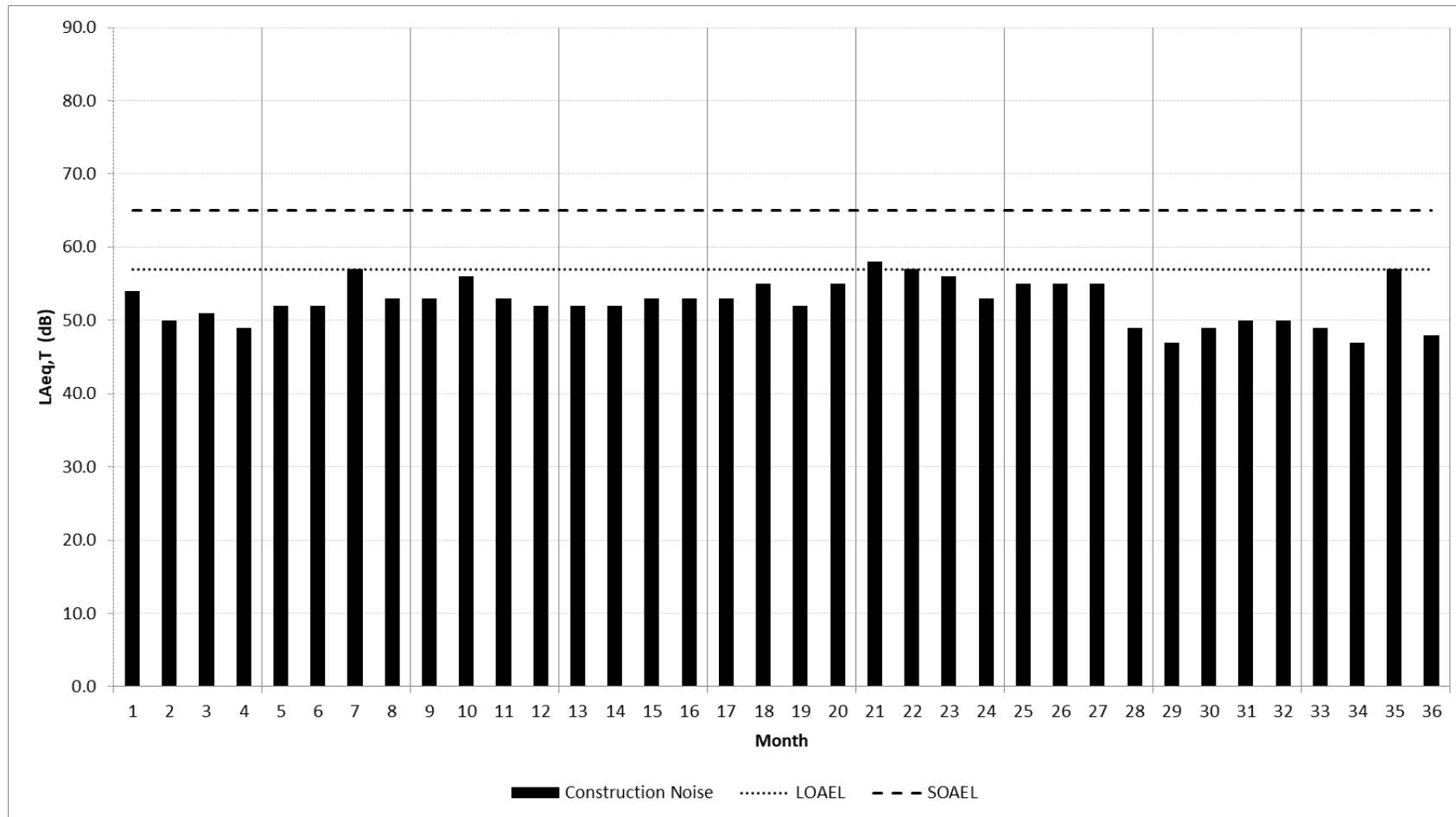
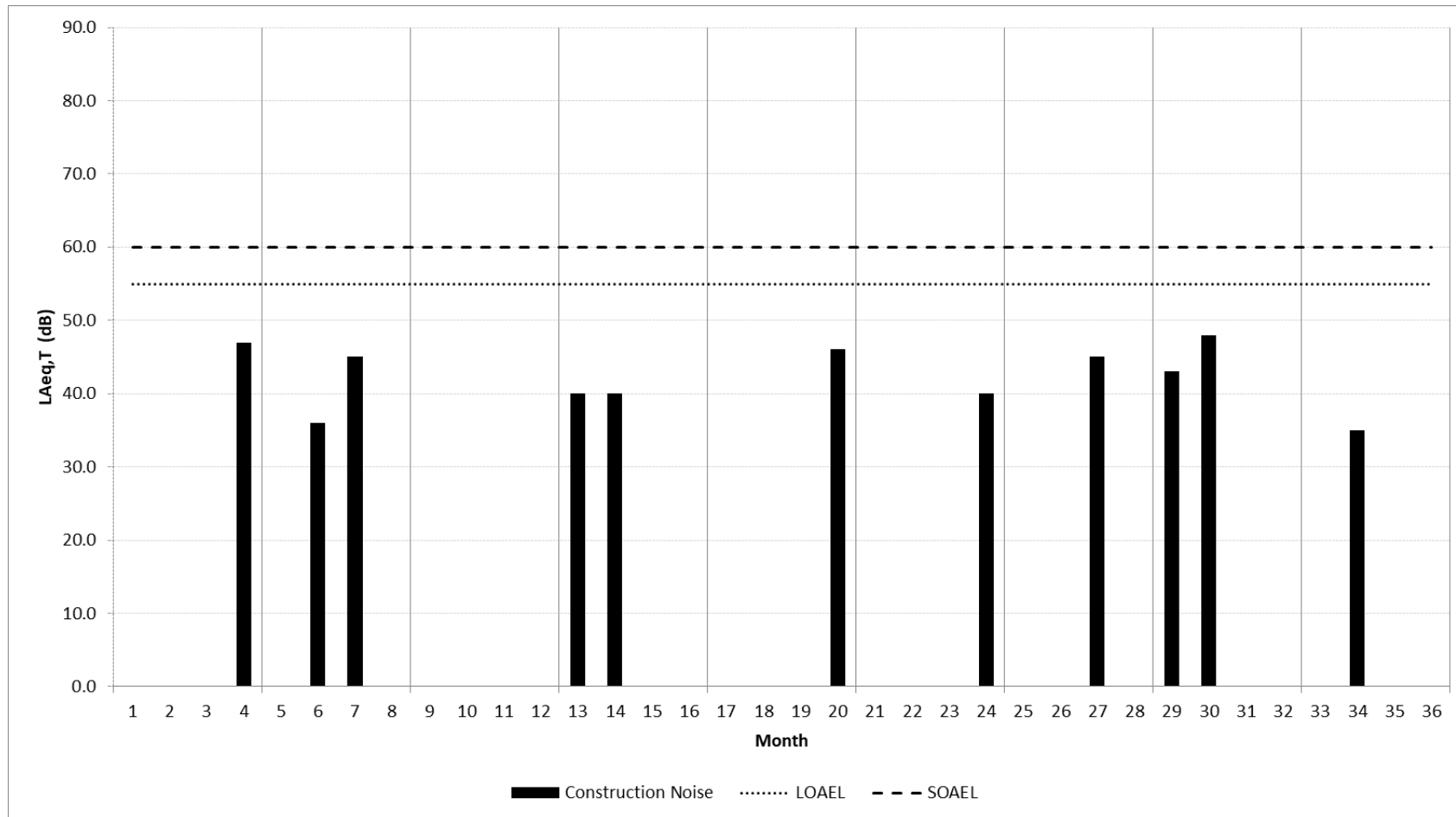
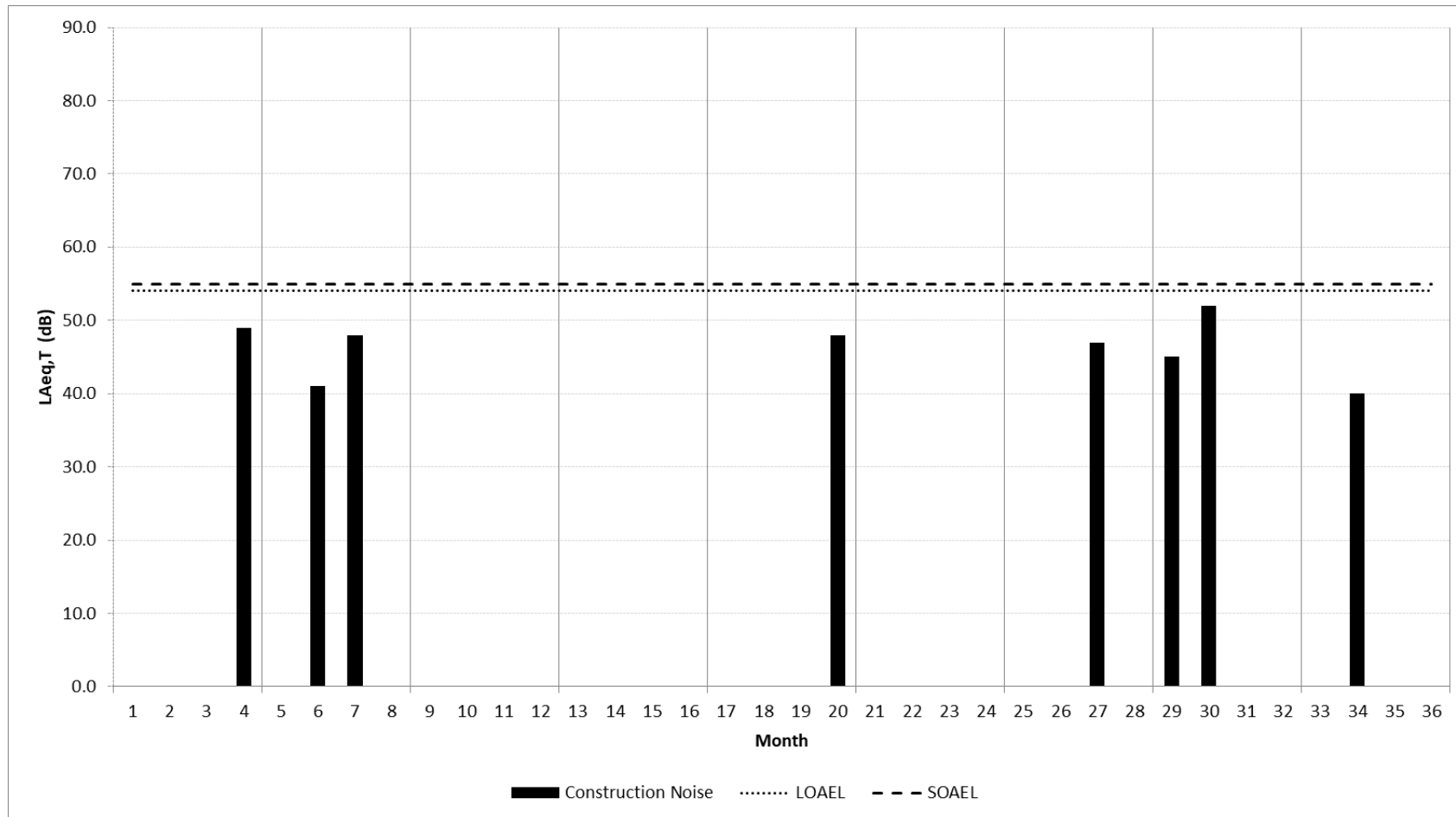


Figure A.11.3.19: R07 - South Crescent, Featherstone – Day, Ground Floor



**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**

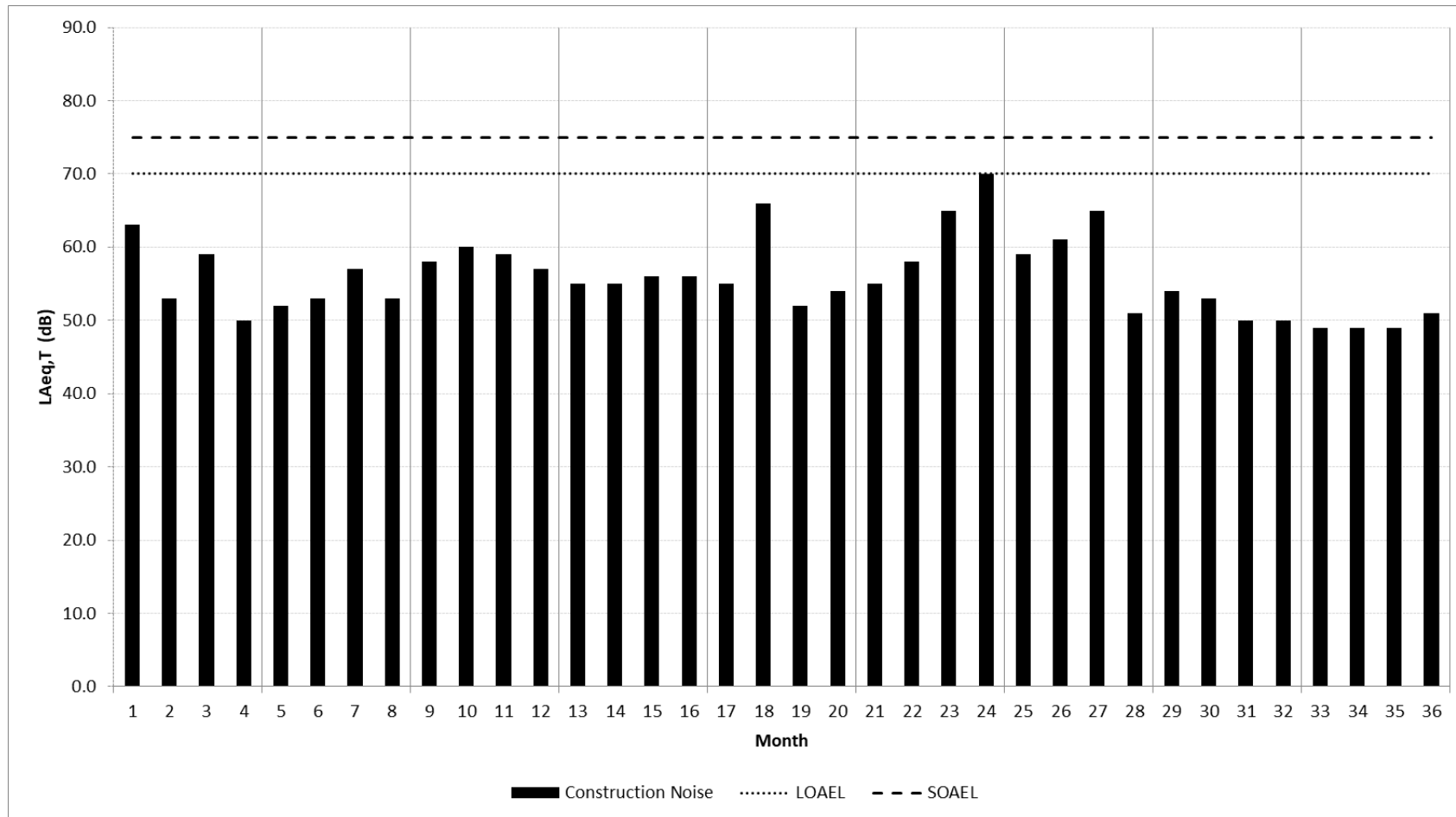
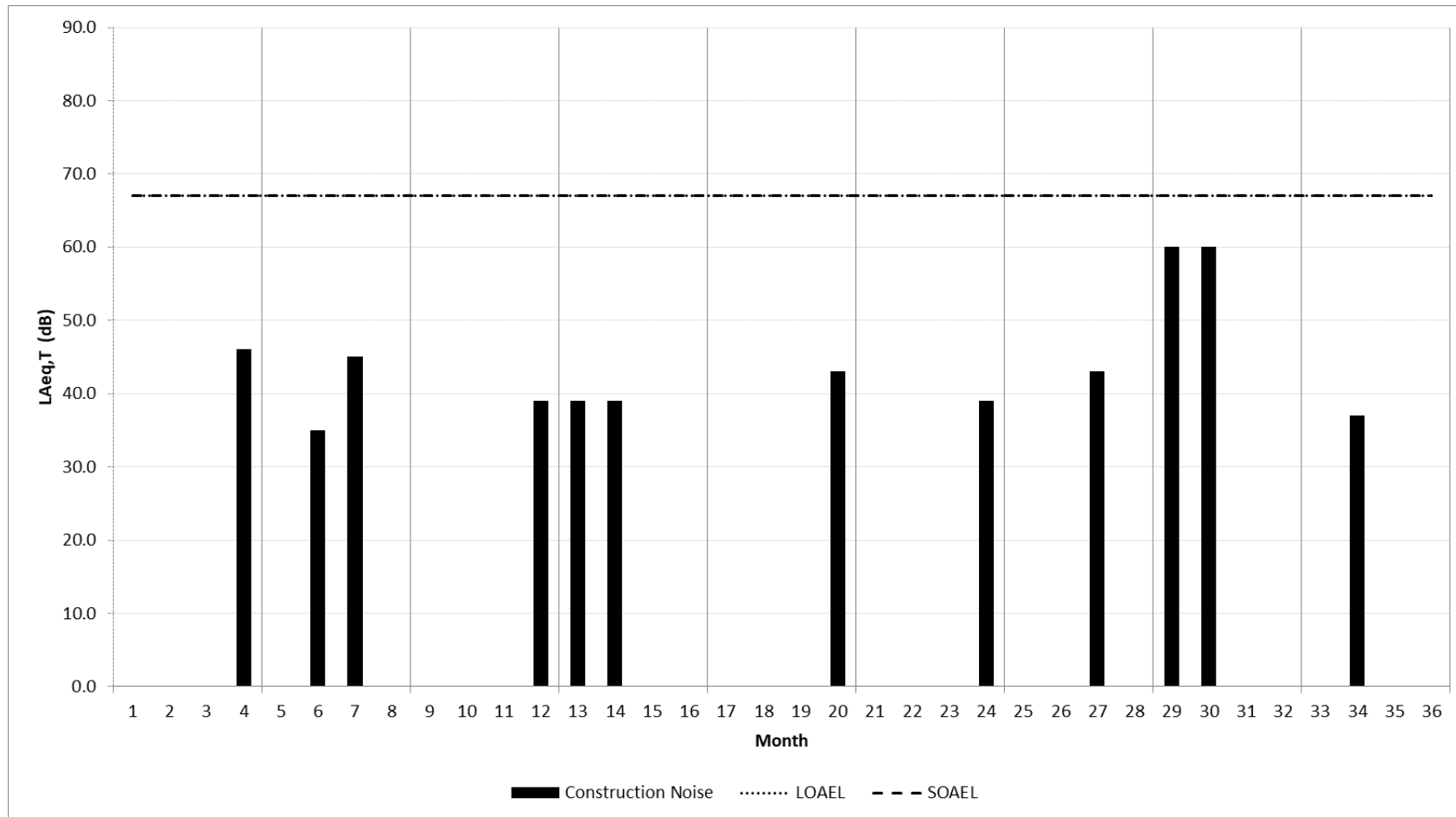


Figure A.11.3.22: R08 - Cannock Road, Featherstone (Central) – Day, Ground Floor



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

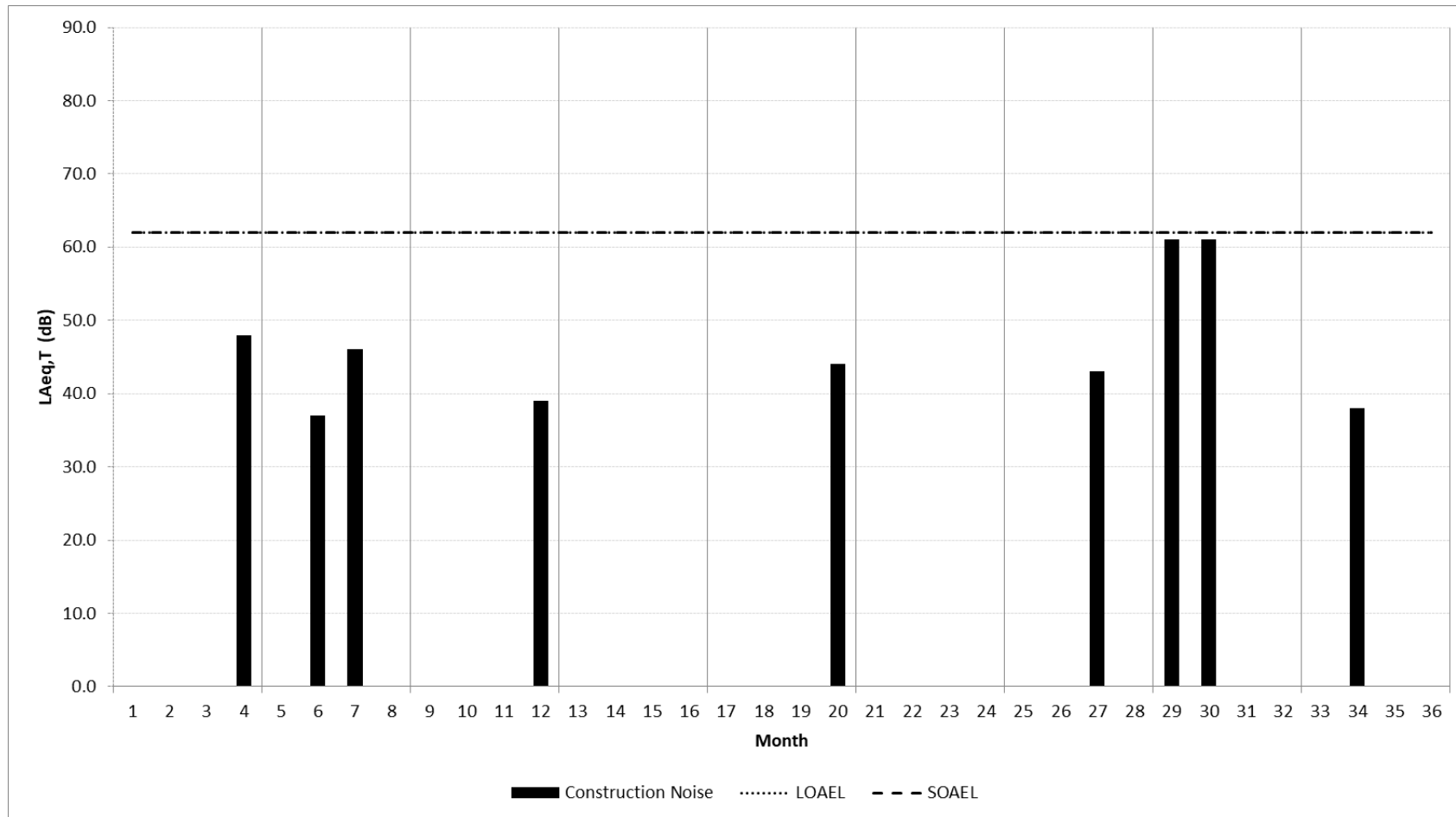


Figure A.11.3.24: R08 - Cannock Road, Featherstone (Central) – Night, First Floor

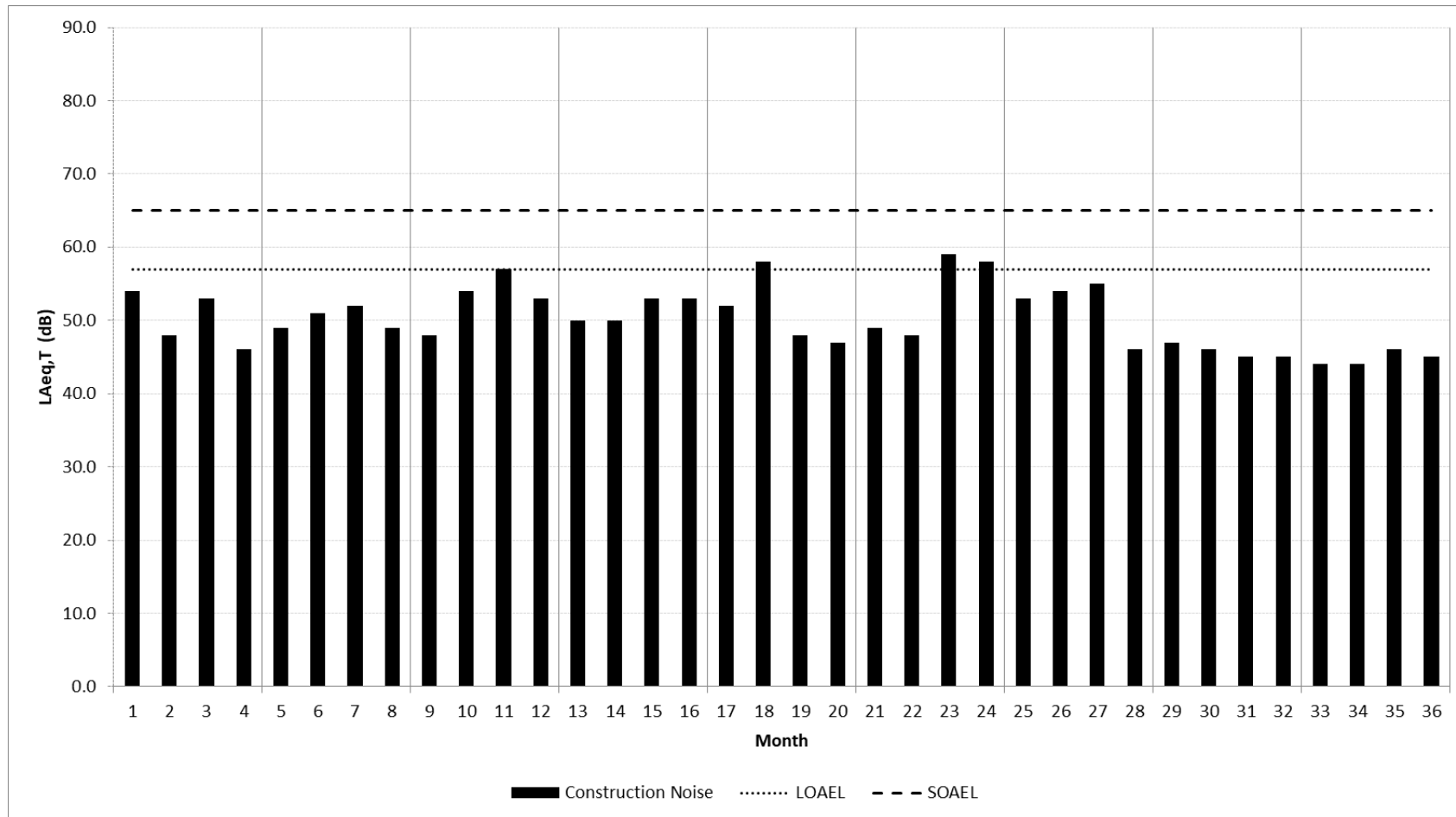


Figure A.11.3.25: R09 - Olde Hall Road, Featherstone – Day, Ground Floor



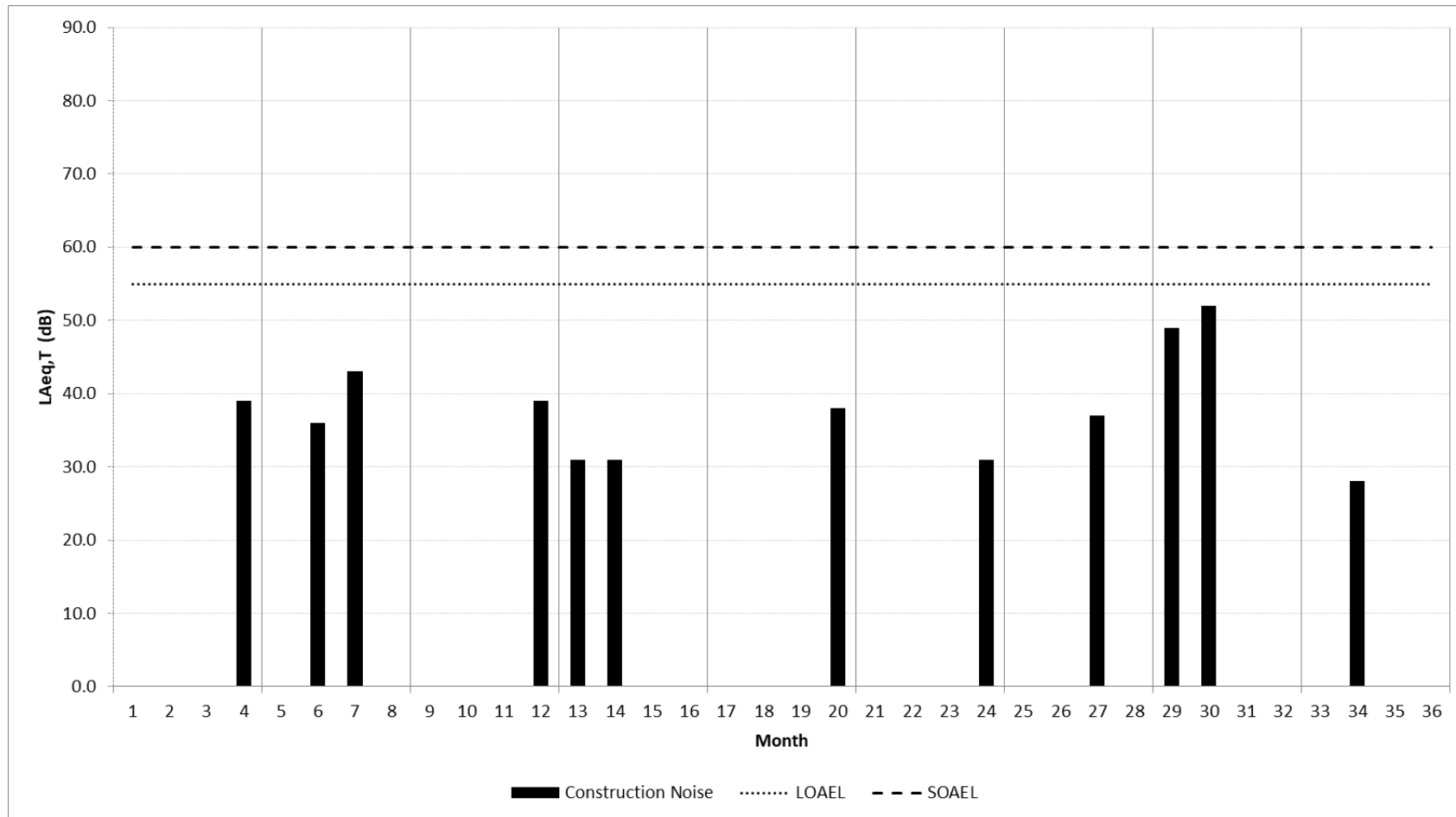
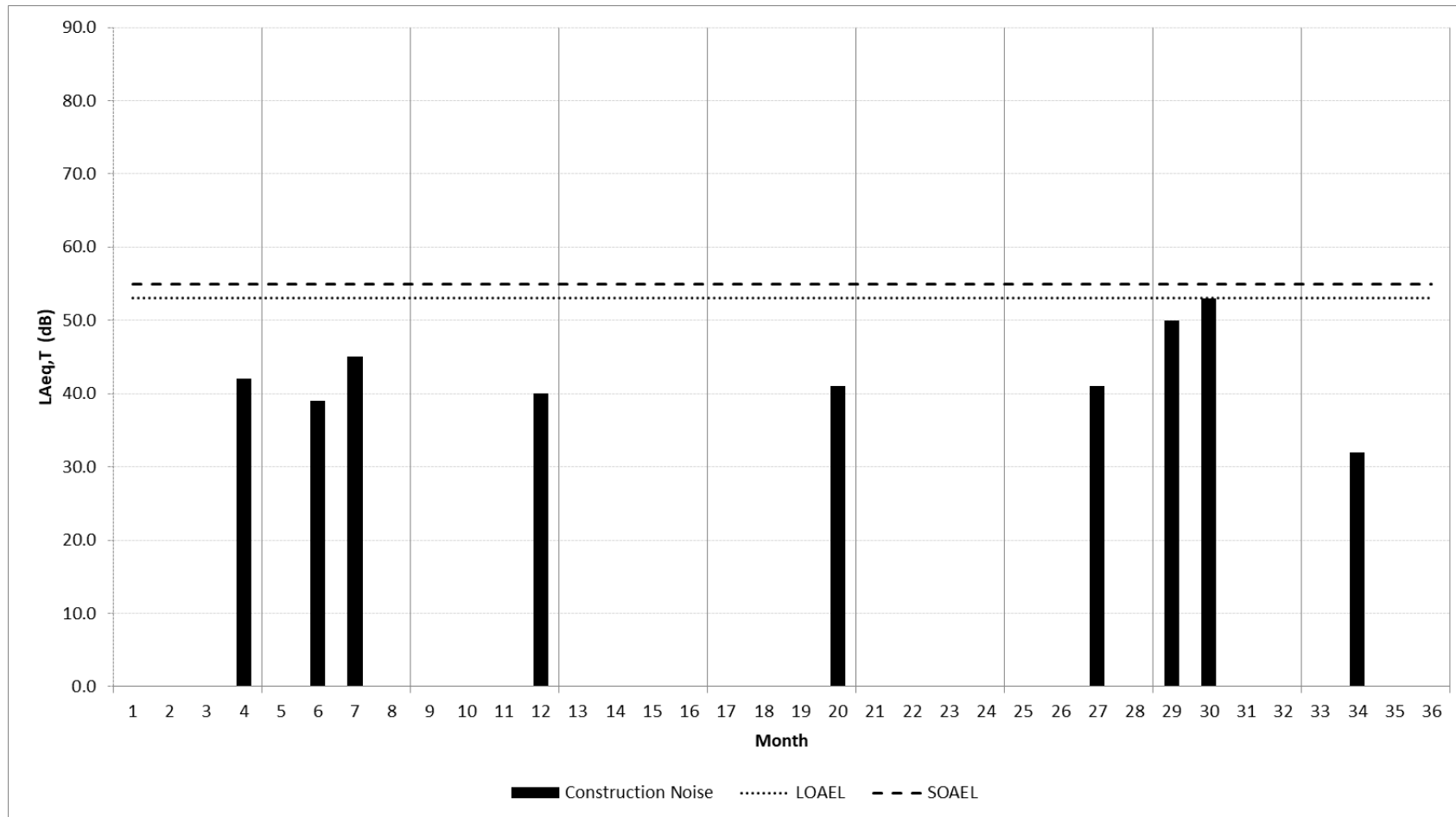


Figure A.11.3.26: R09 - Olde Hall Road, Featherstone – Evening/Weekend, Ground Floor



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

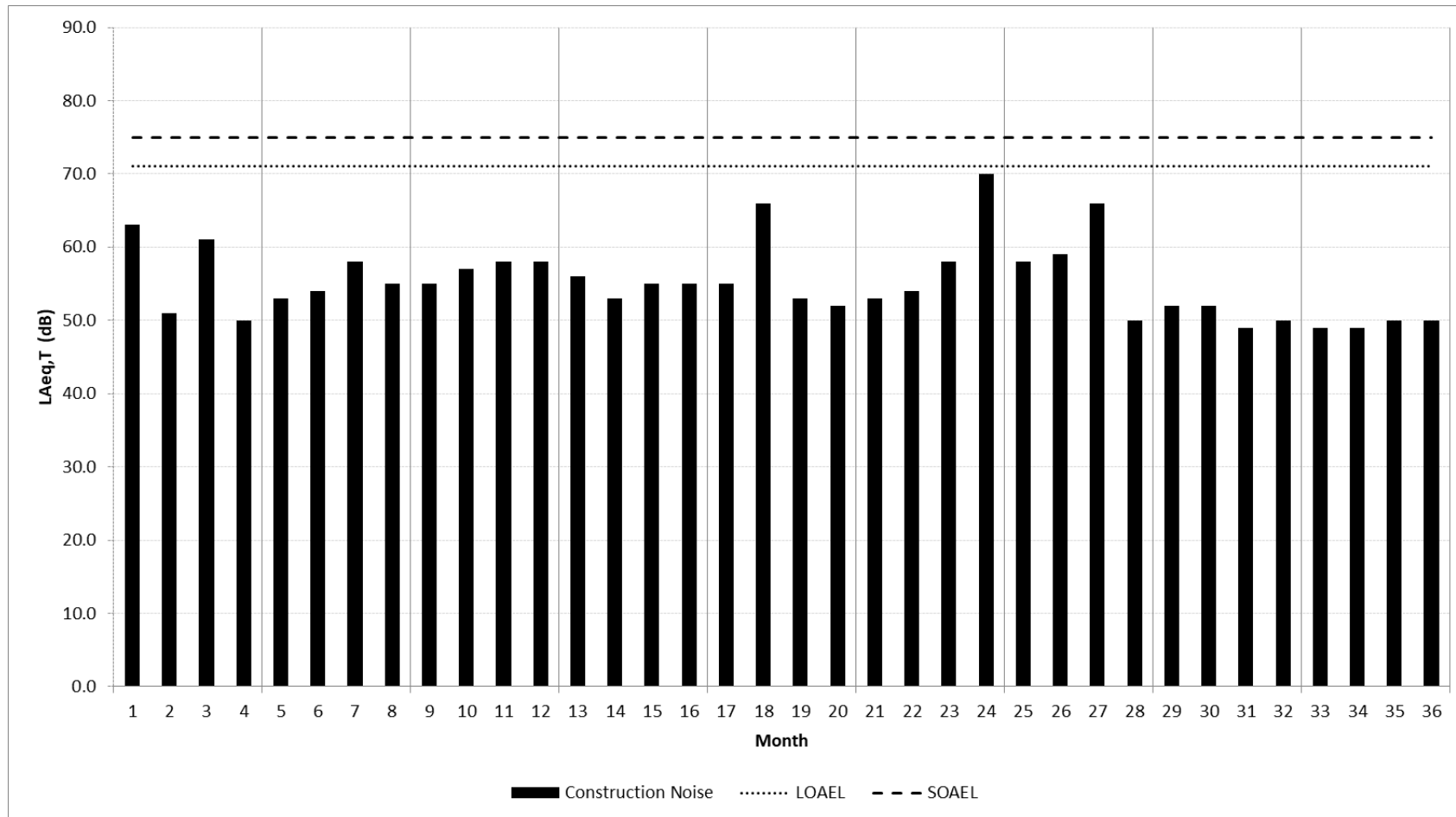
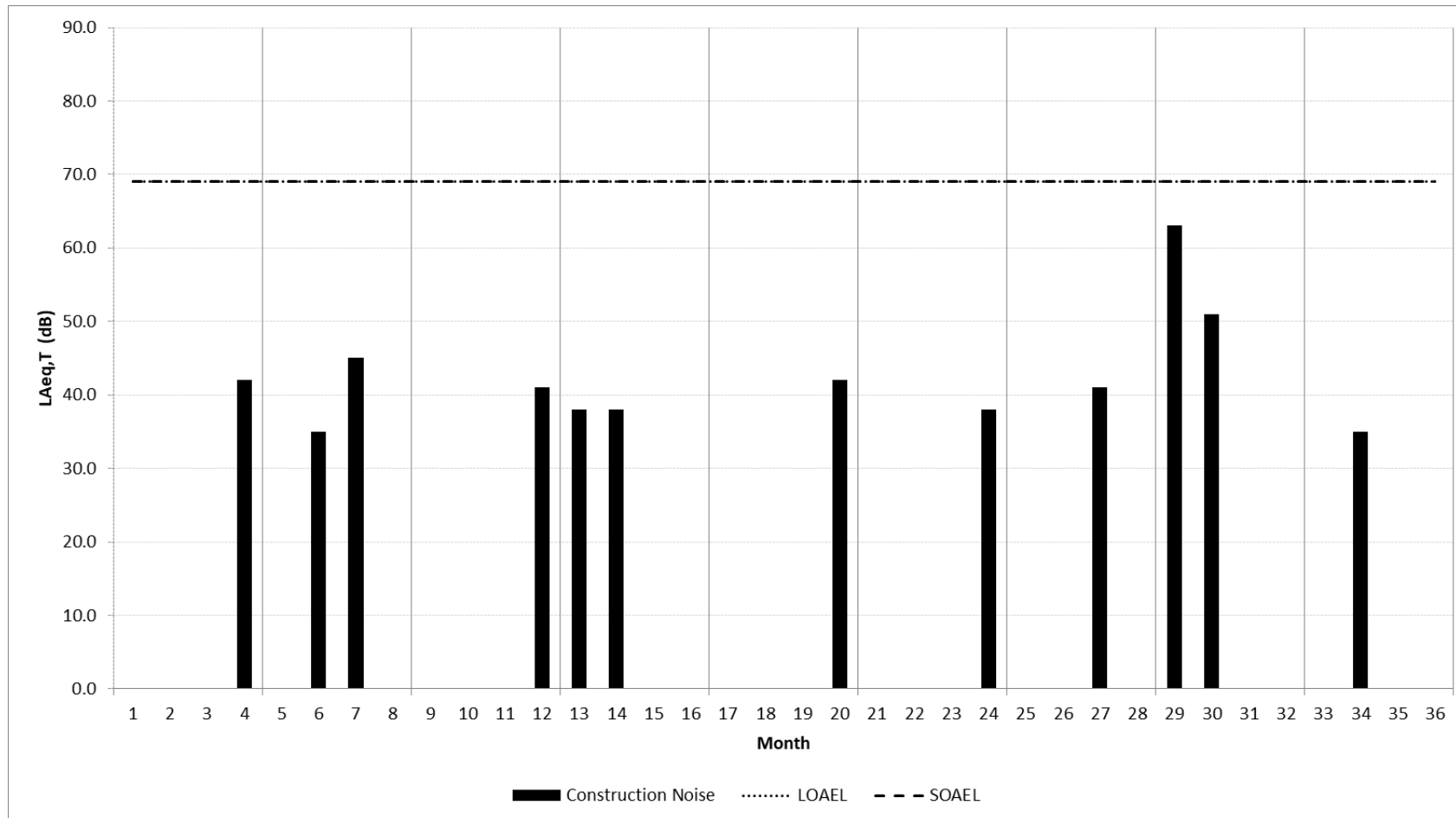


Figure A.11.3.28: R10 - Cannock Road, Featherstone (North) – Day, Ground Floor



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

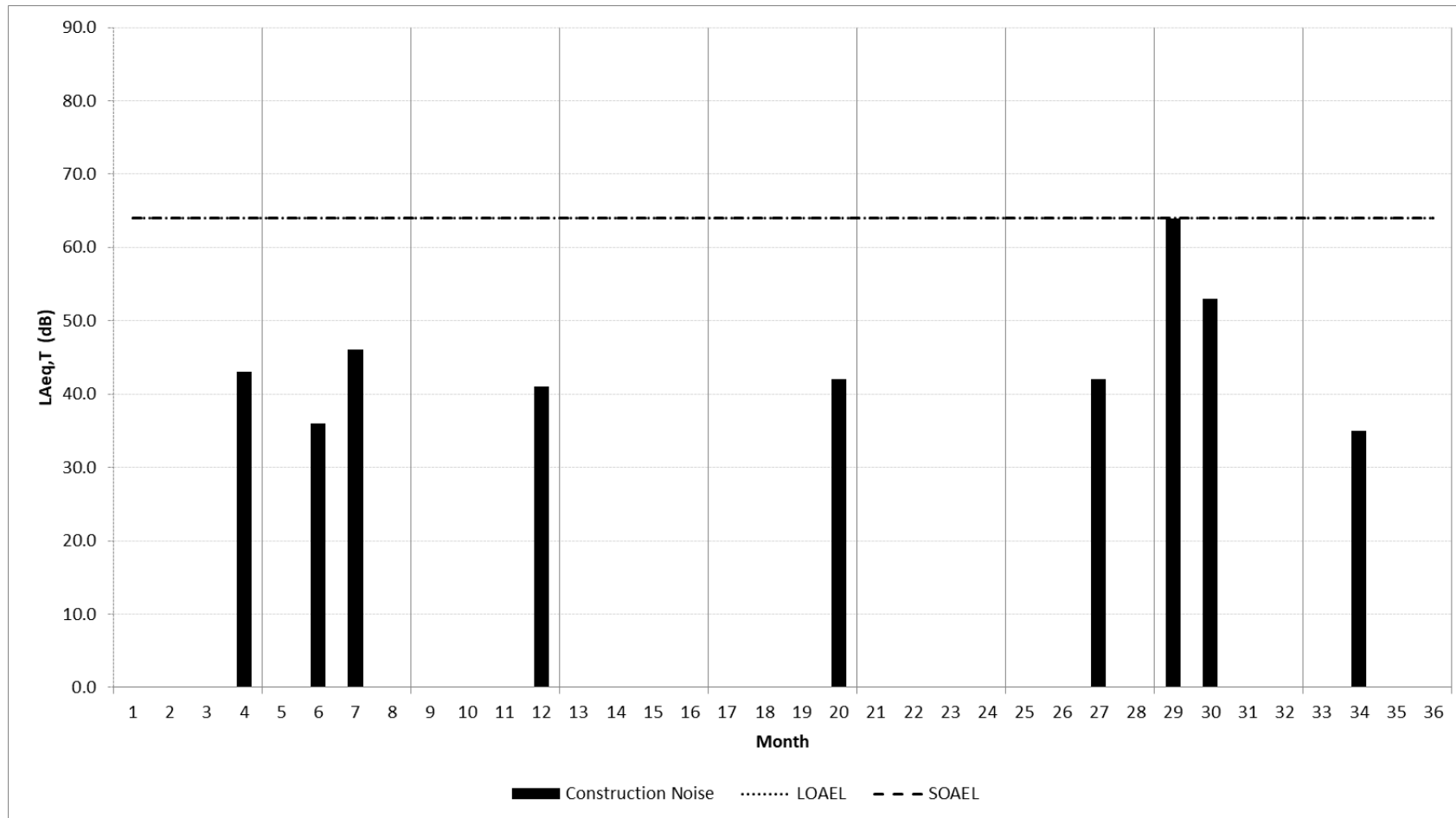


Figure A.11.3.30: R10 - Cannock Road, Featherstone (North) – Night, First Floor

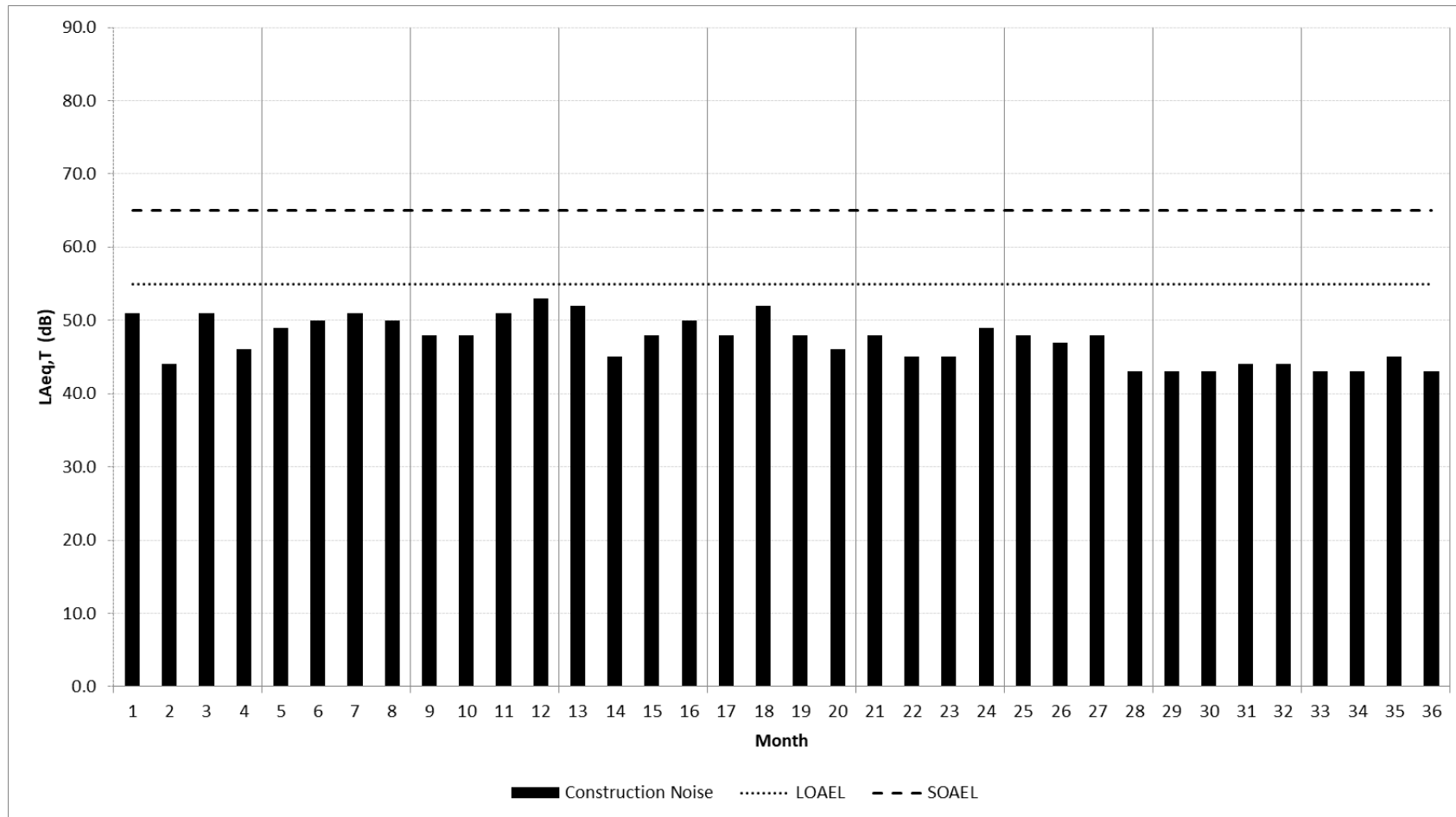
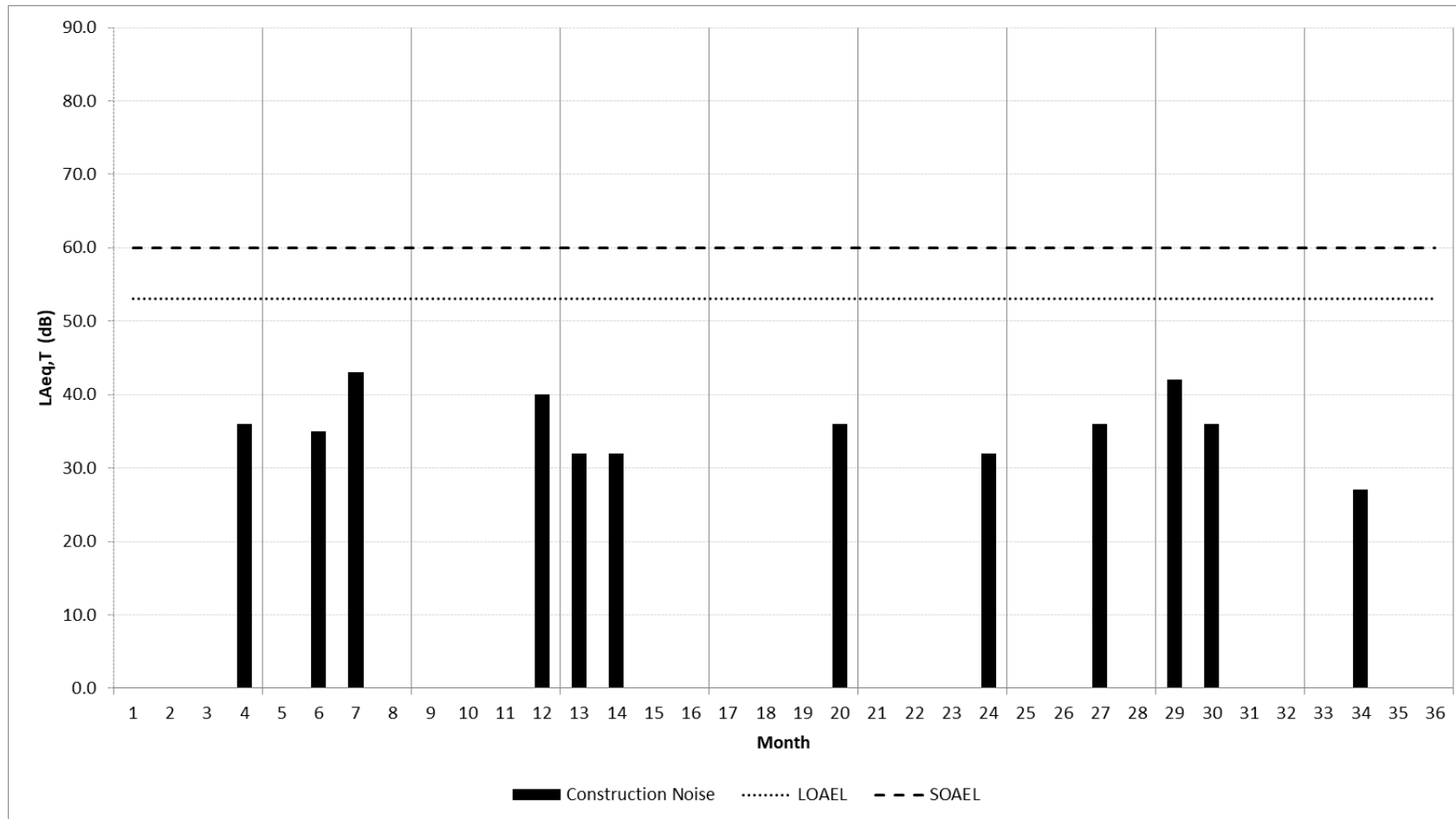


Figure A.11.3.31: R11 - Hilton Road, Featherstone – Day, Ground Floor



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

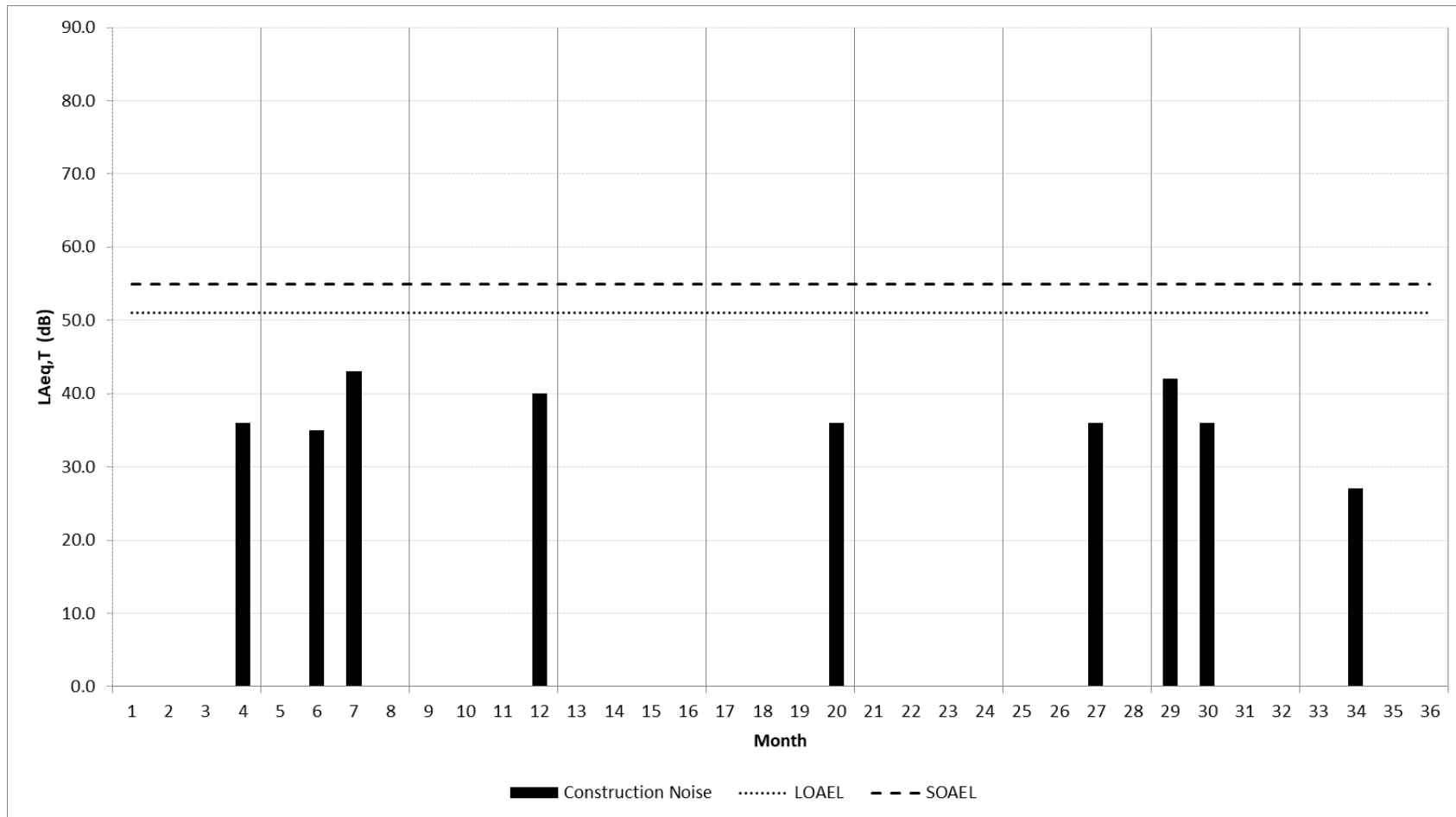


Figure A.11.3.33: R11 - Hilton Road, Featherstone – Night, Ground Floor



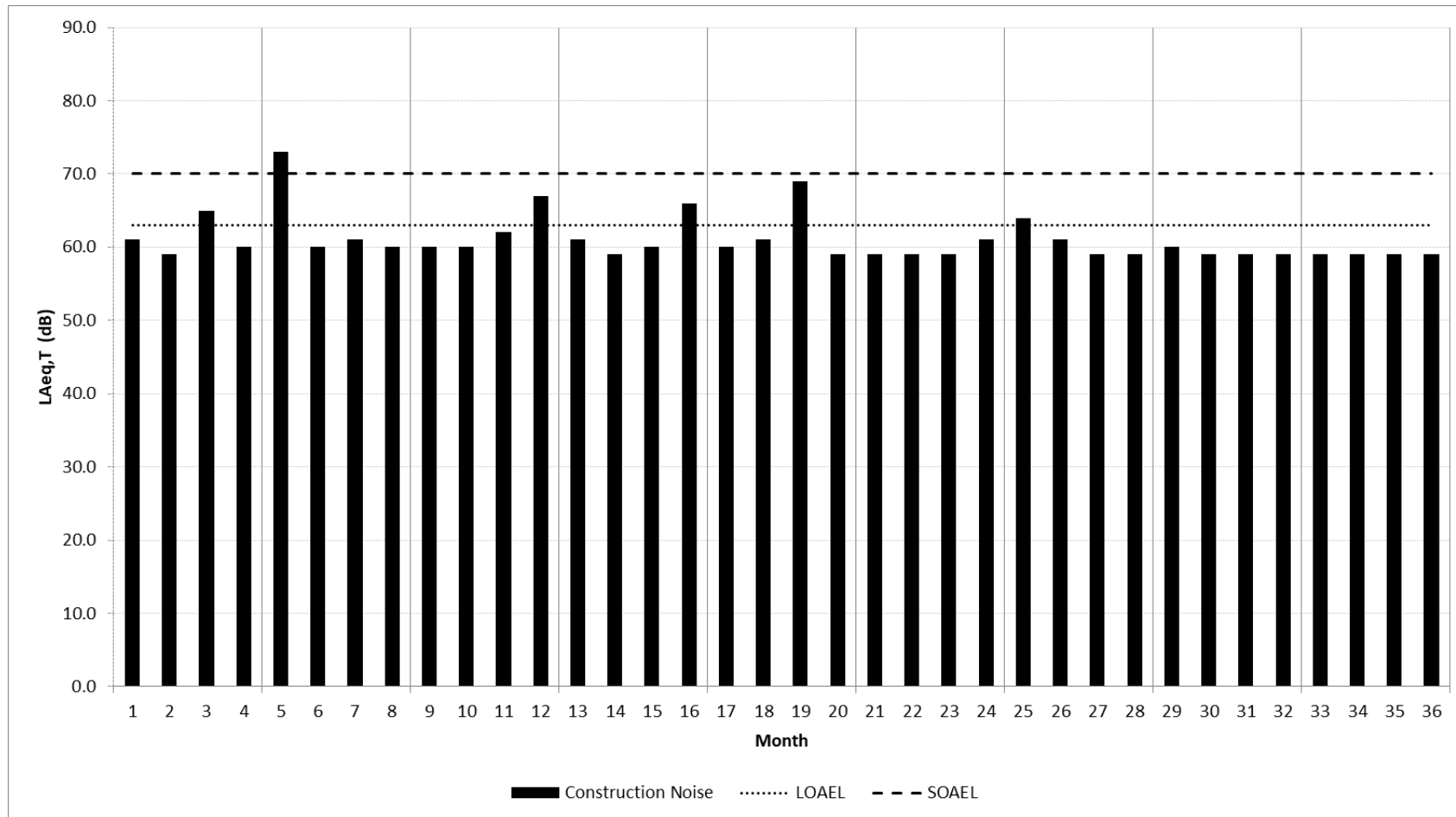


Figure A.11.3.34: R12 - Dark Lane, Featherstone – Day, Ground Floor

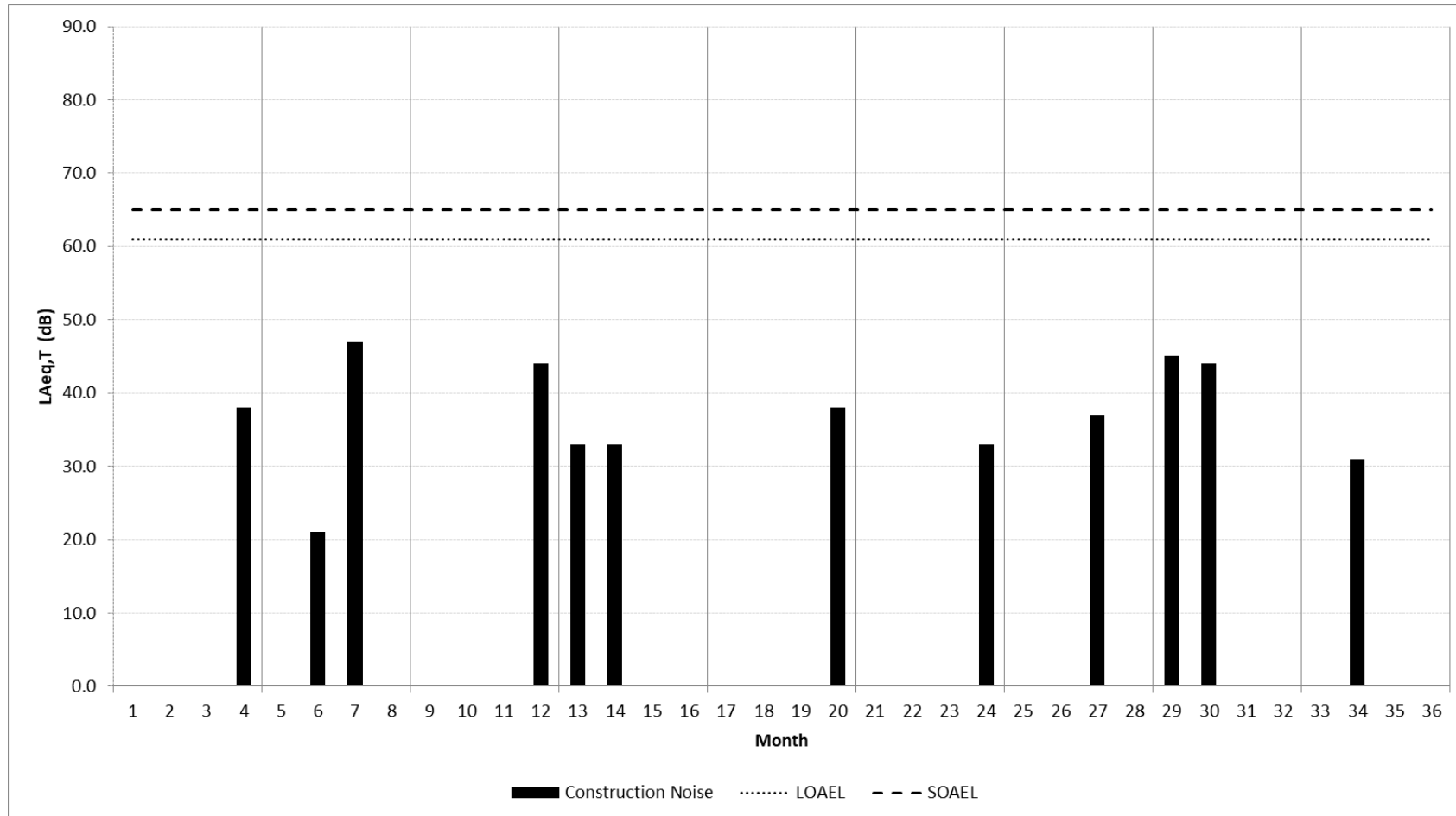


Figure A.11.3.35: R12 - Dark Lane, Featherstone – Evening/Weekend, Ground Floor

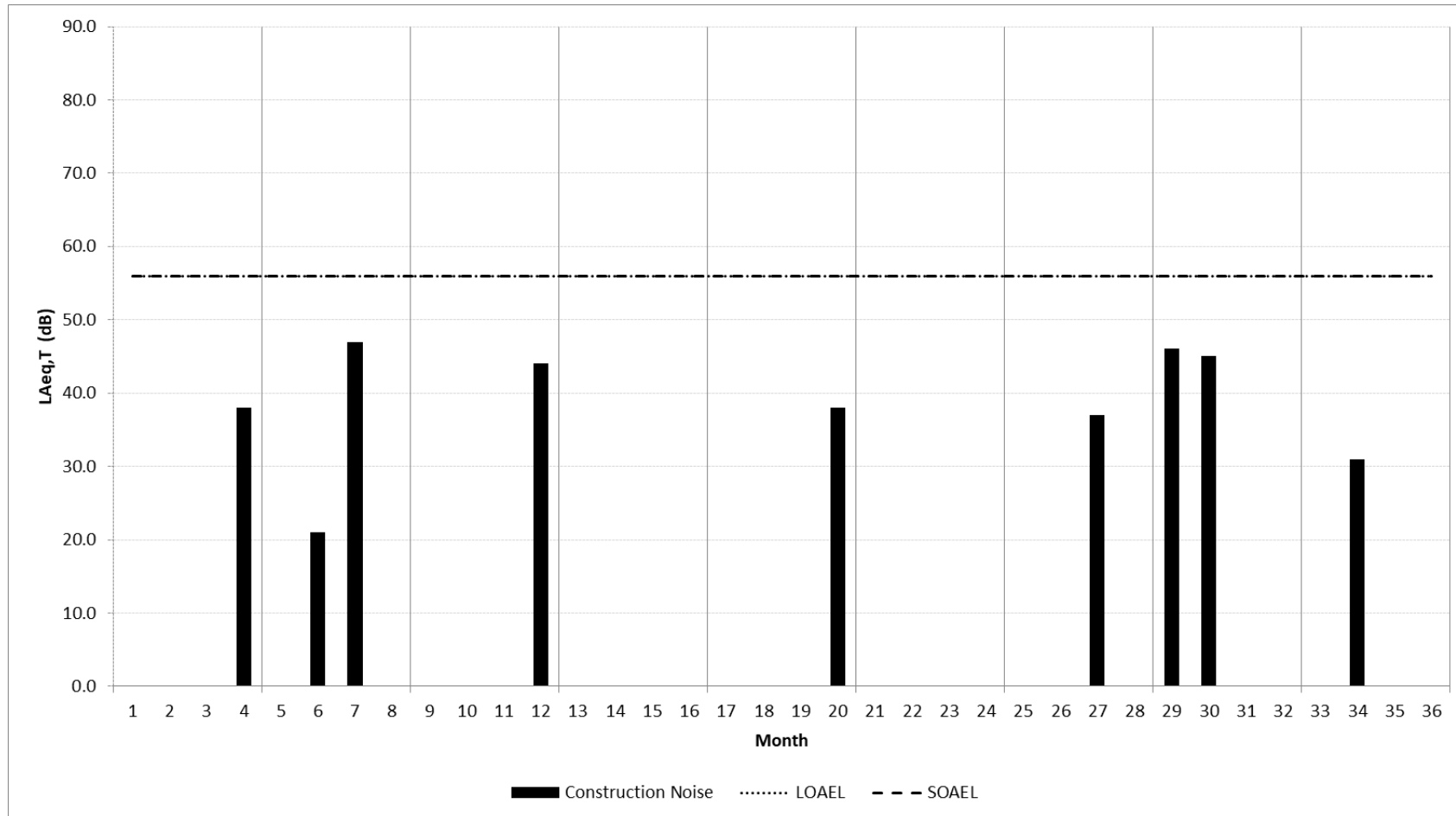


Figure A.11.3.36: R12 - Dark Lane, Featherstone – Night, First Floor

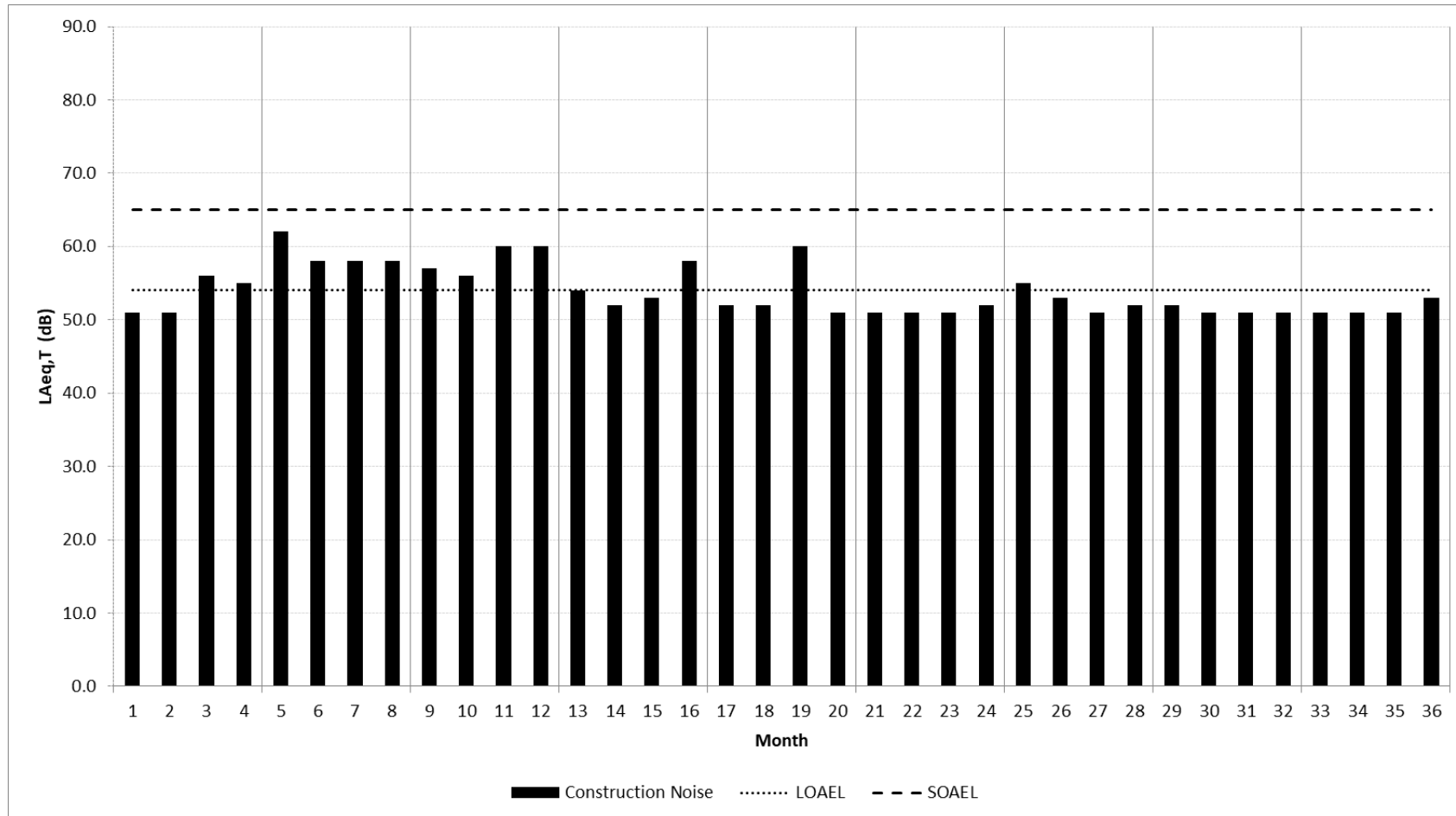
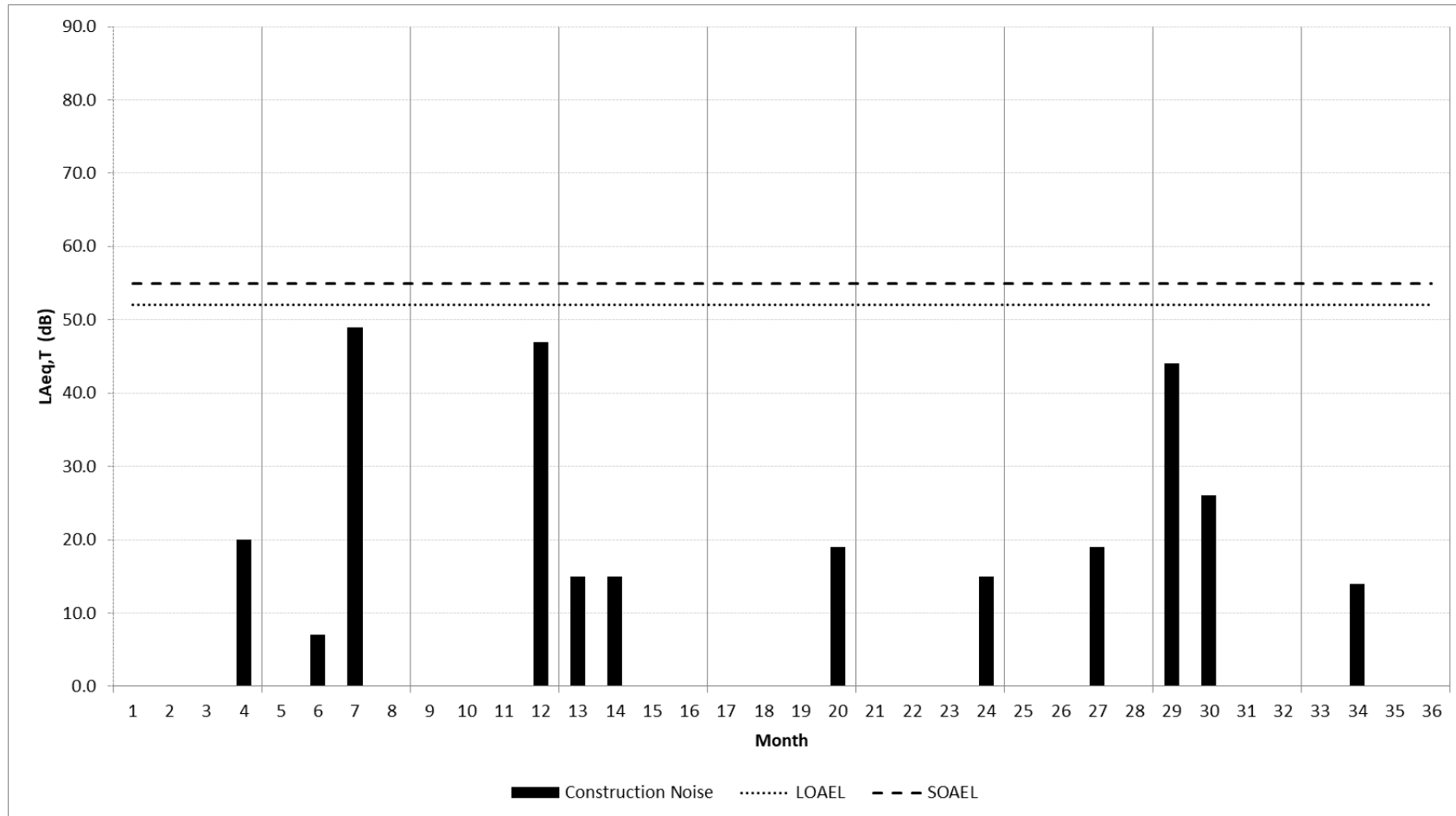


Figure A.11.3.37: R13 - Park Road, Featherstone – Day, Ground Floor



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

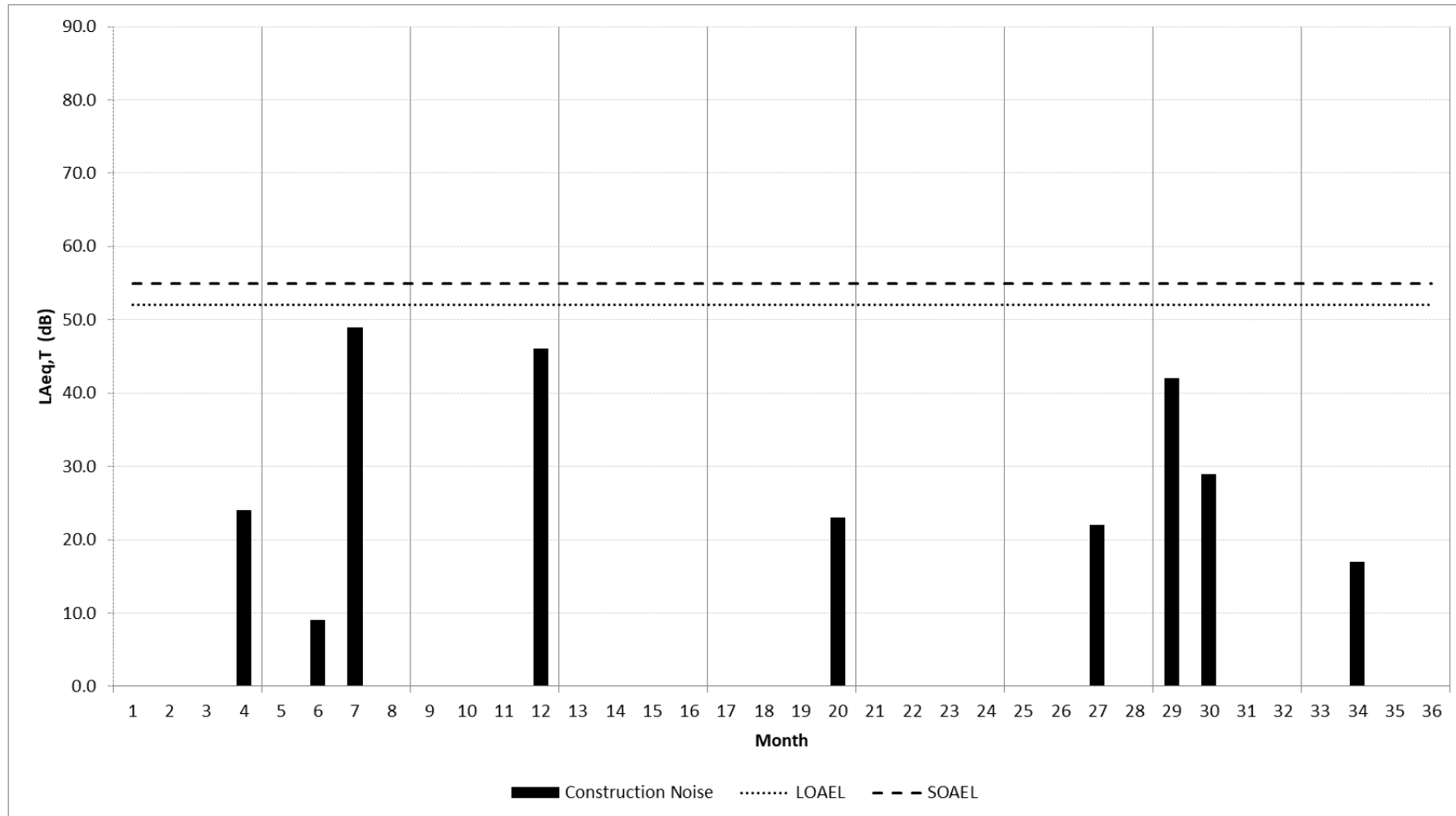


Figure A.11.3.39: R13 - Park Road, Featherstone – Night, First Floor

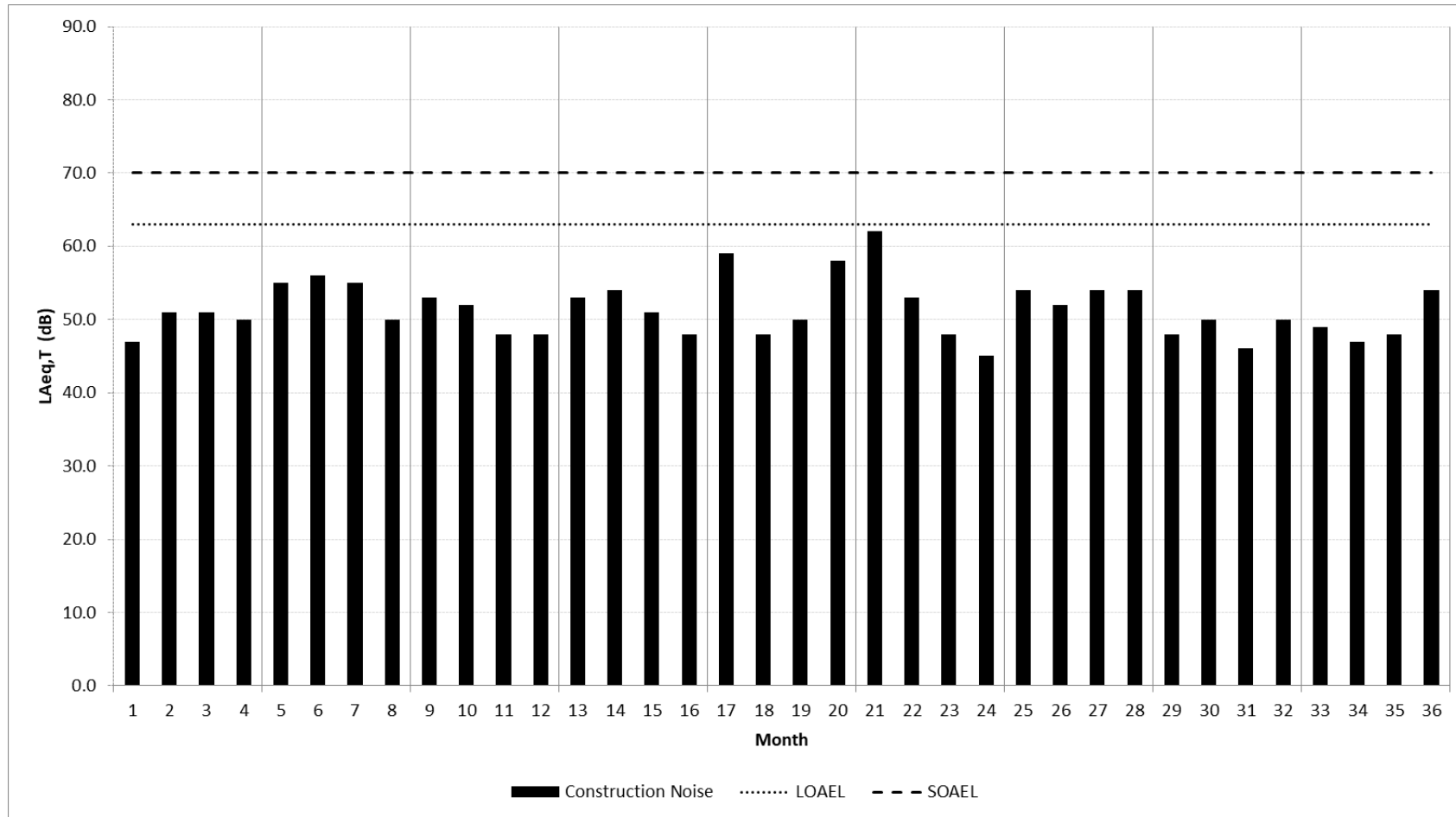


Figure A.11.3.40: R14 - Tower House Farm, Hilton Lane, Hilton – Day, Ground Floor

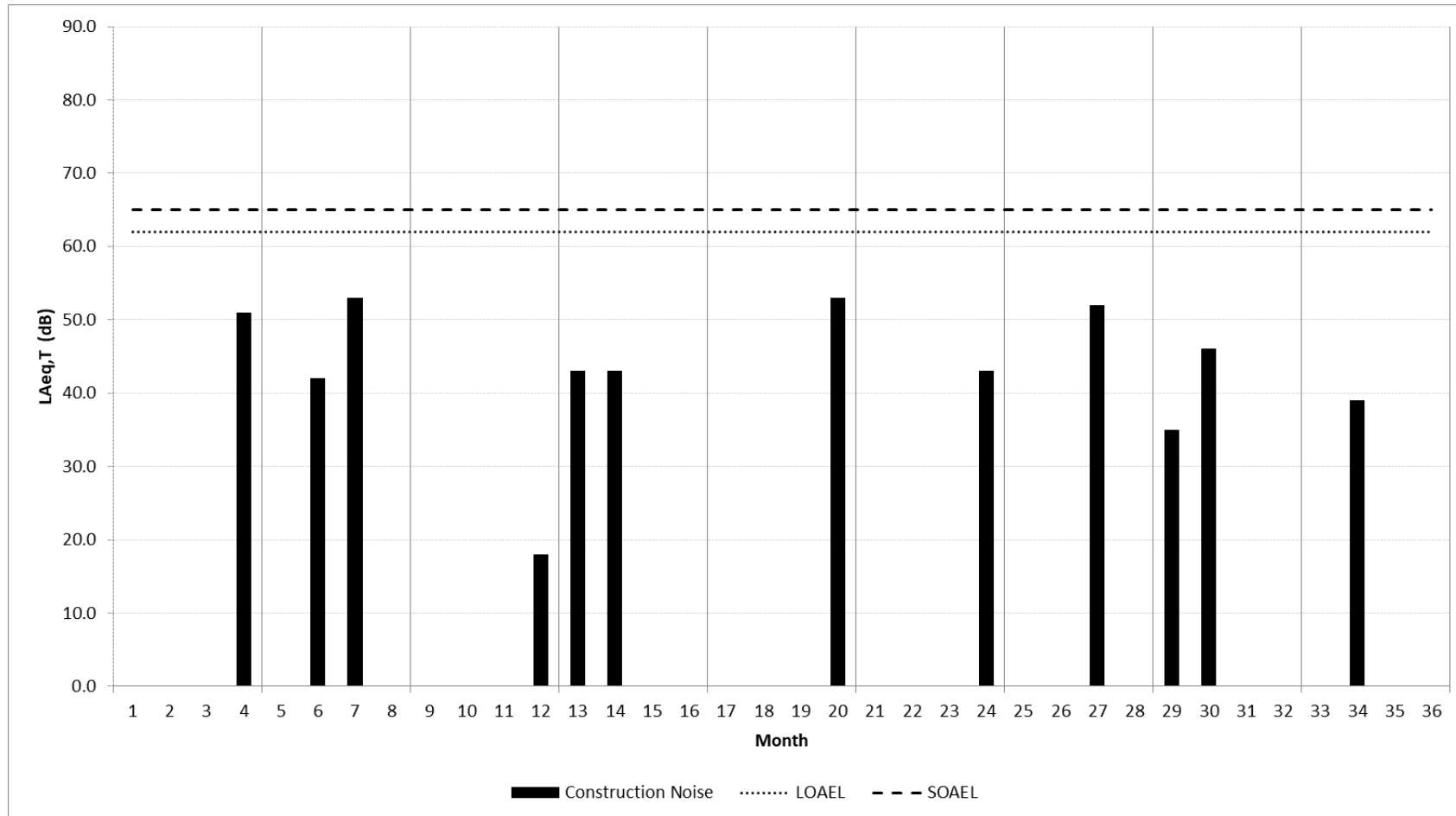


Figure A.11.3.41: R14 - Tower House Farm, Hilton Lane, Hilton – Evening/Weekend, Ground Floor



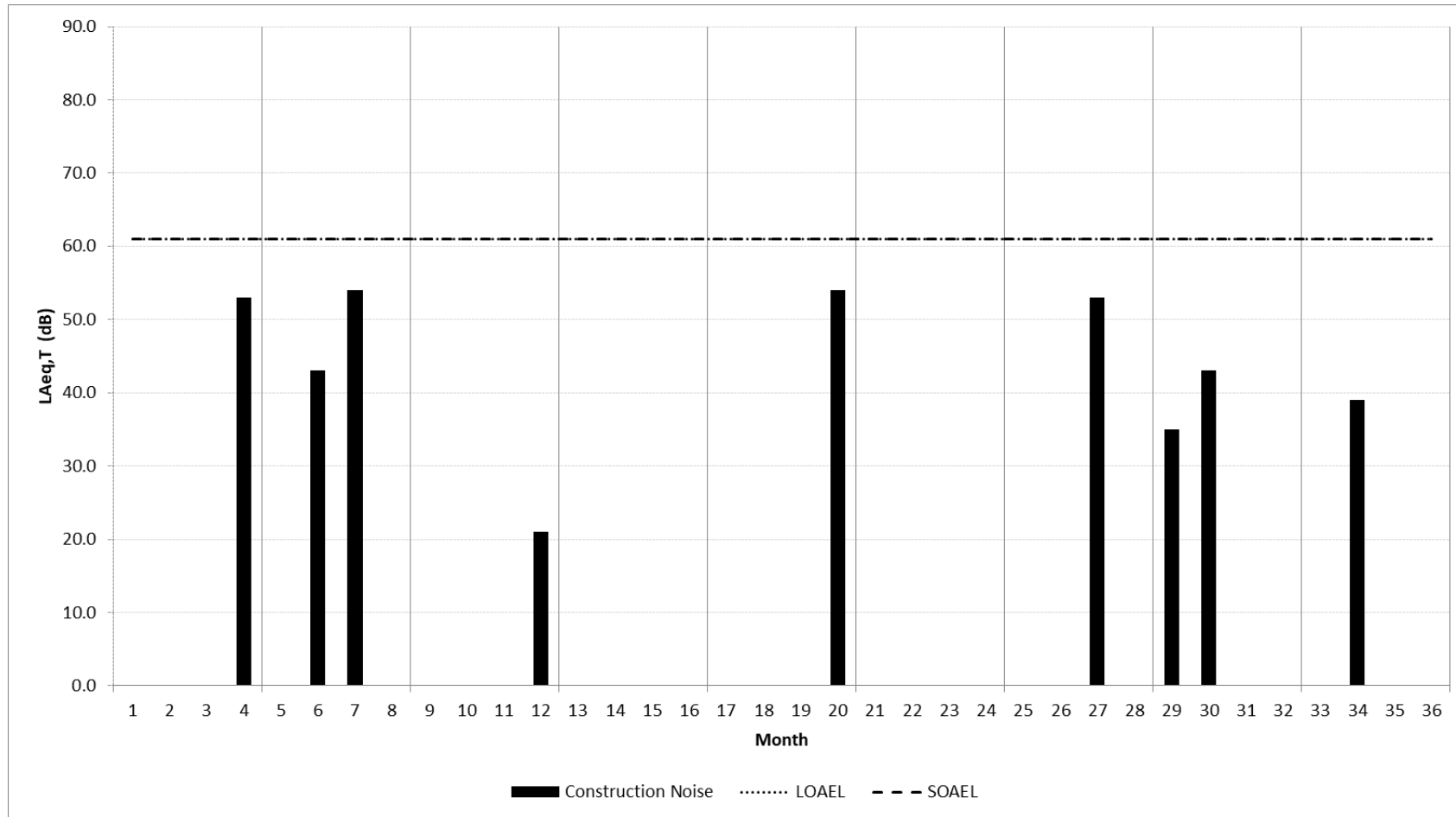


Figure A.11.3.42: R14 - Tower House Farm, Hilton Lane, Hilton – Night, First Floor

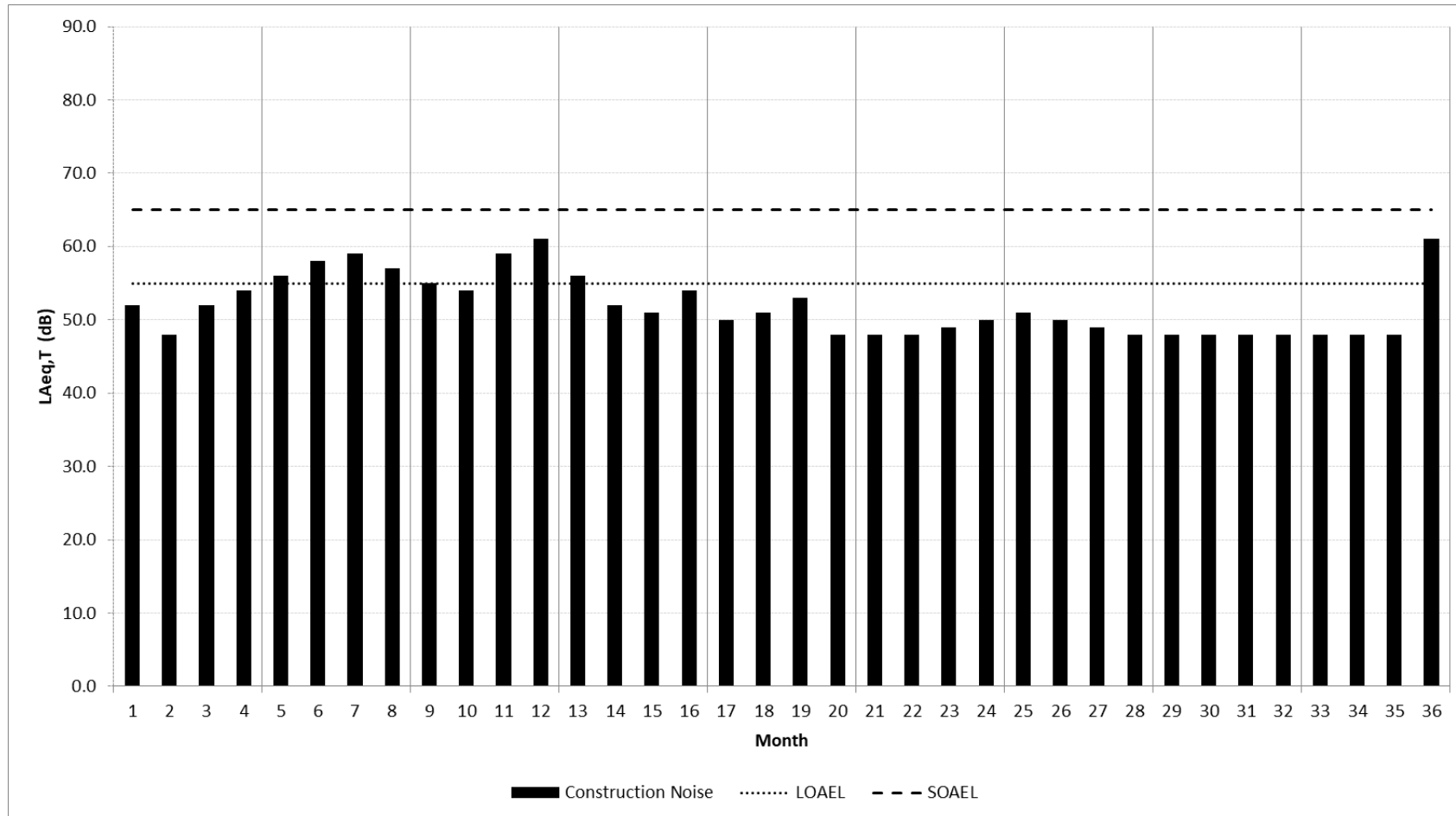
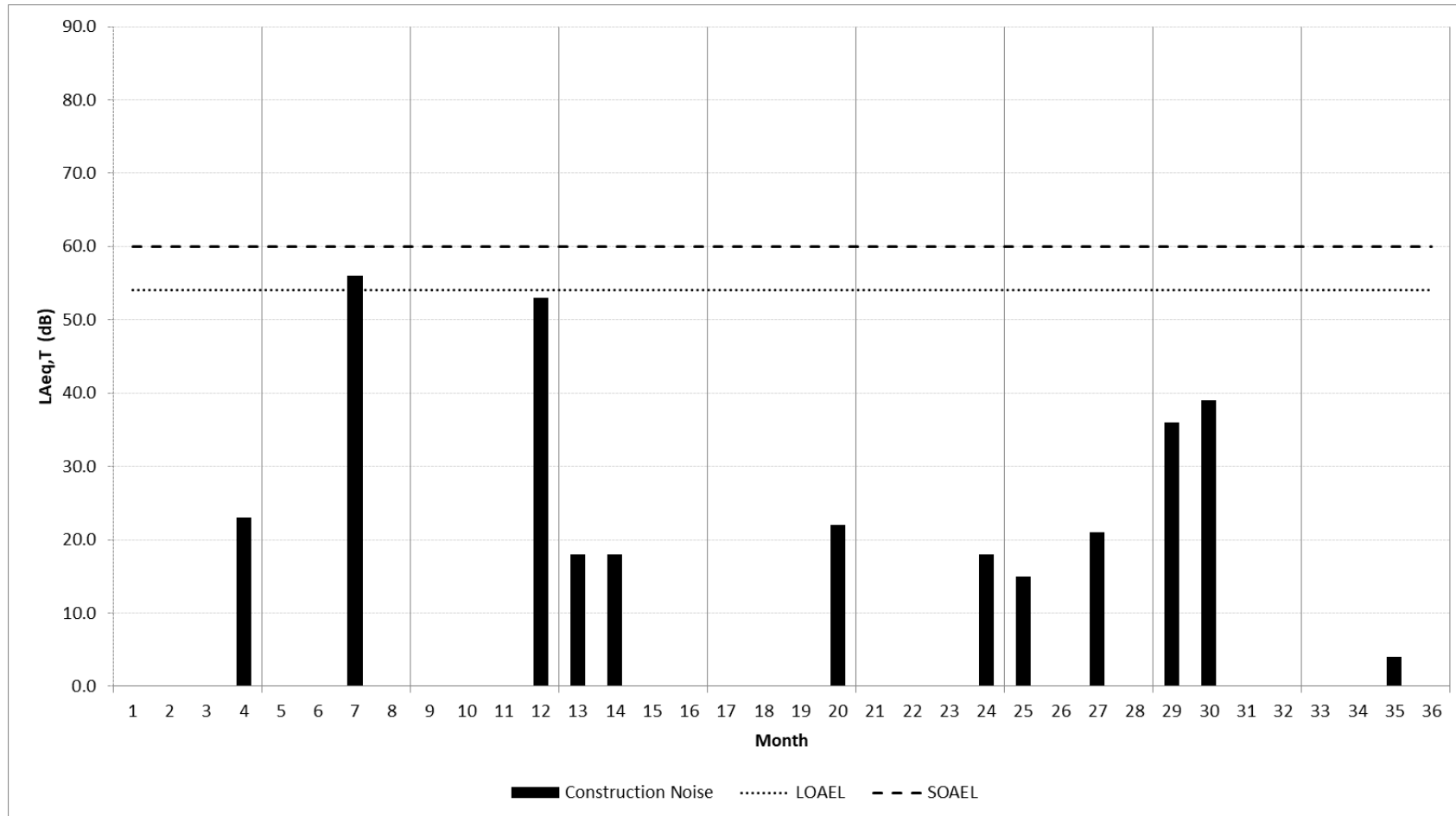
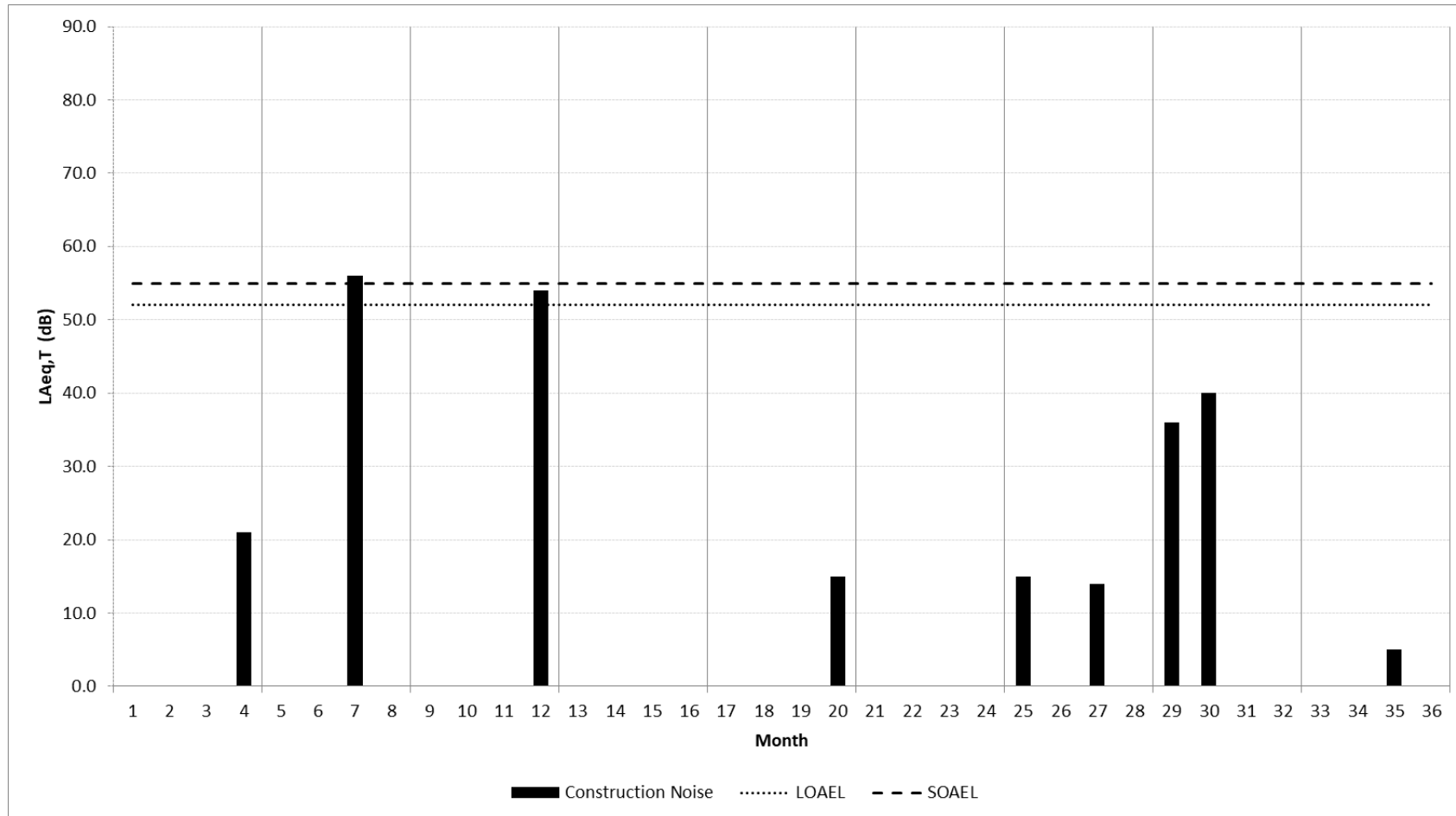


Figure A.11.3.43: R15A - The Shrubby, Hilton Lane, Hilton (Facing Scheme) - Day, Ground Floor



**Figure A.11.3.44: R15A - The Shrubby, 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**

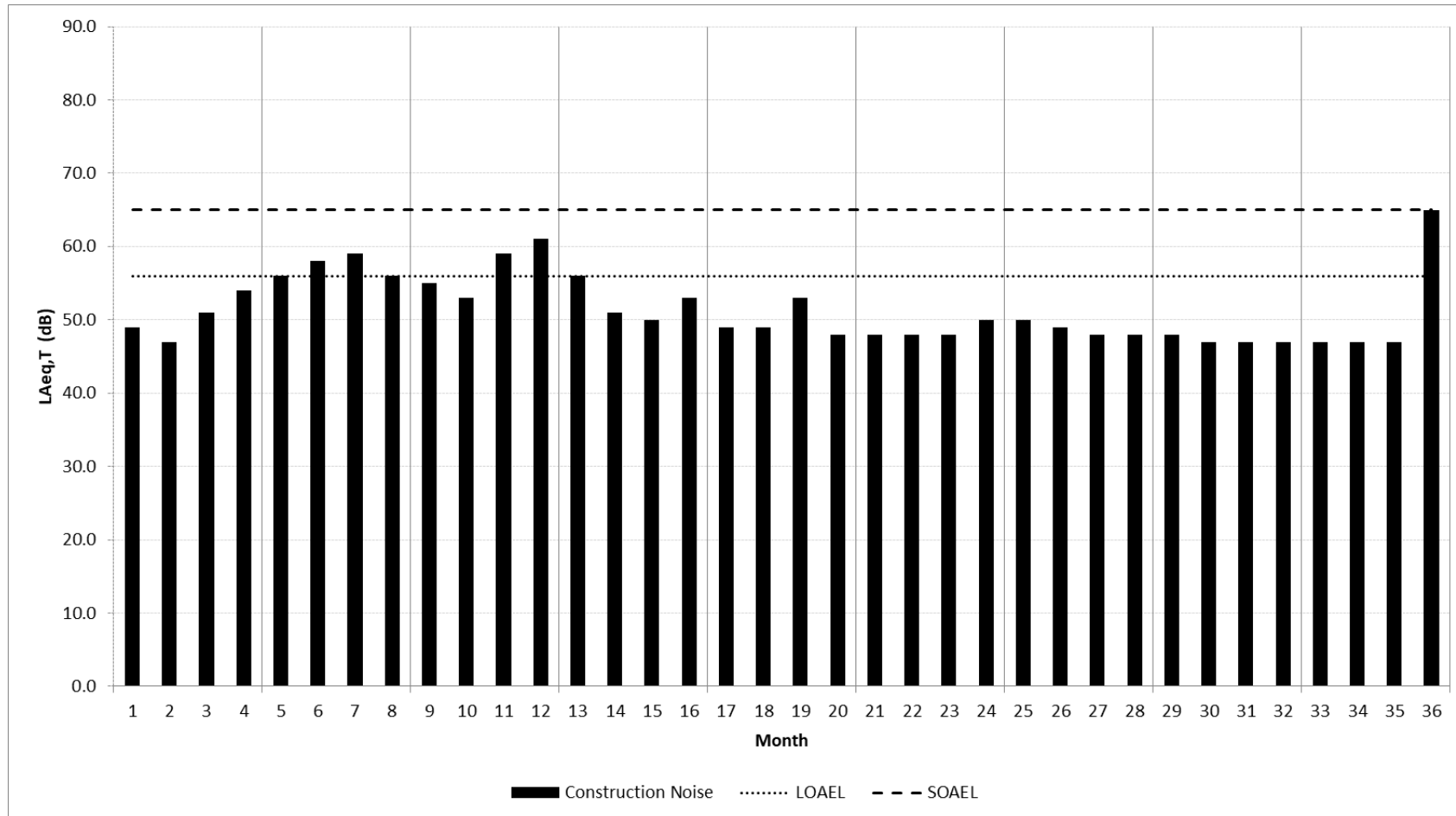


Figure A.11.3.46: R15B - The Shrubby, Hilton Lane, Hilton (Facing Hilton Lane) - Day, Ground Floor

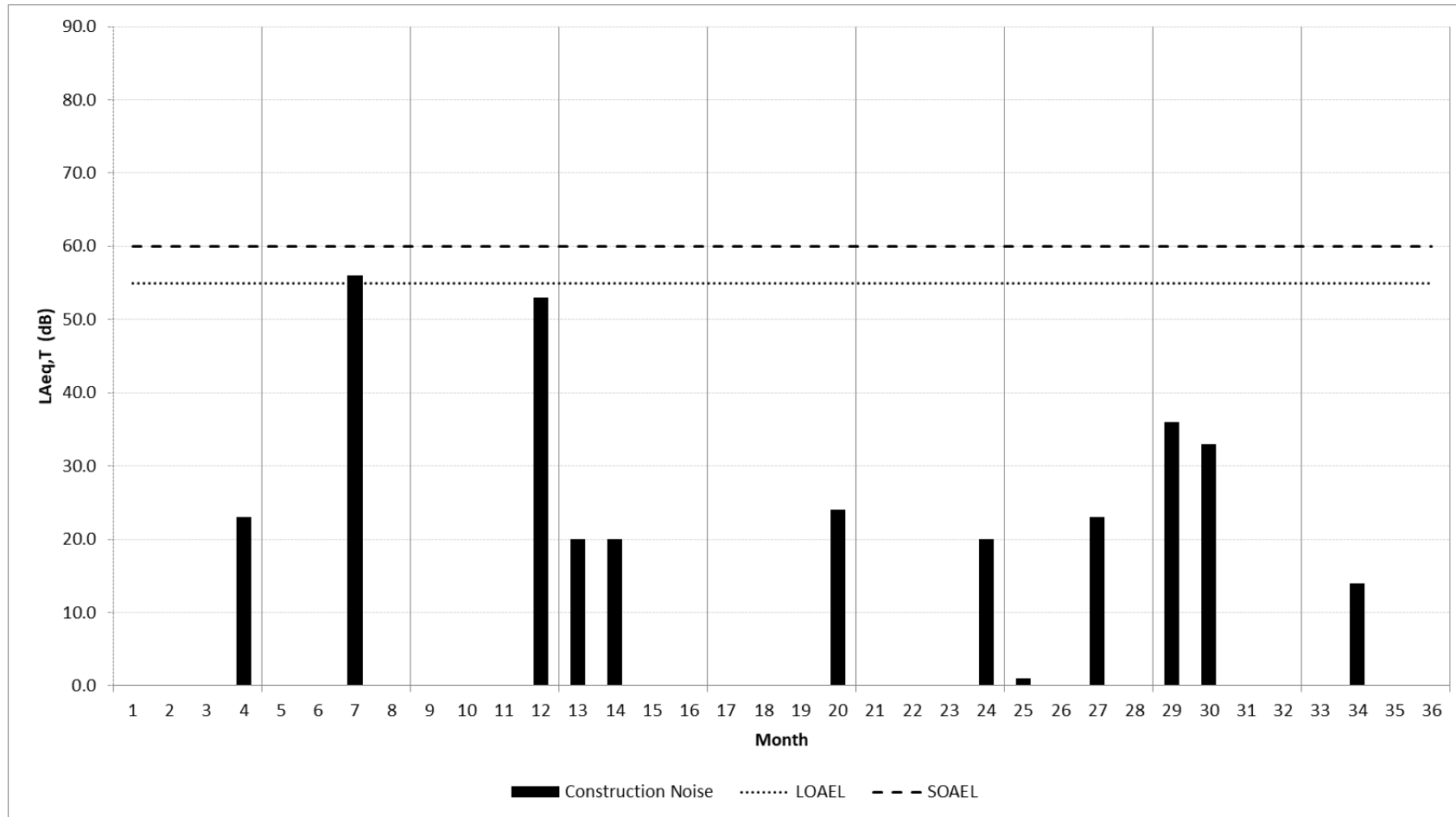


Figure A.11.3.47: R15B - The Shrubbery, Hilton Lane, Hilton (Facing Hilton Lane) – Evening/Weekend, Ground Floor

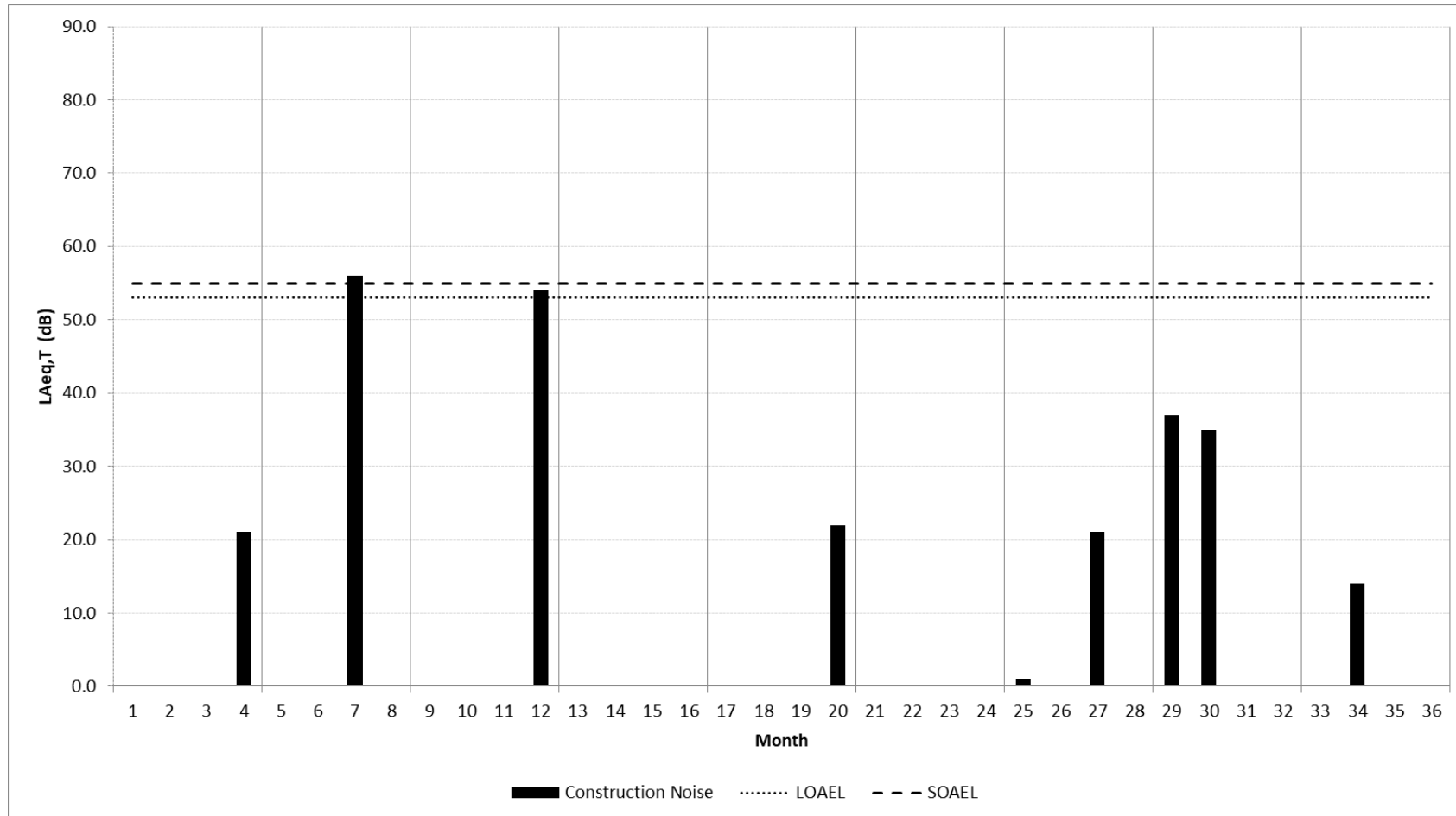


Figure A.11.3.48: R15B - The Shrubby, Hilton Lane, Hilton (Facing Hilton Lane) - Night, First Floor

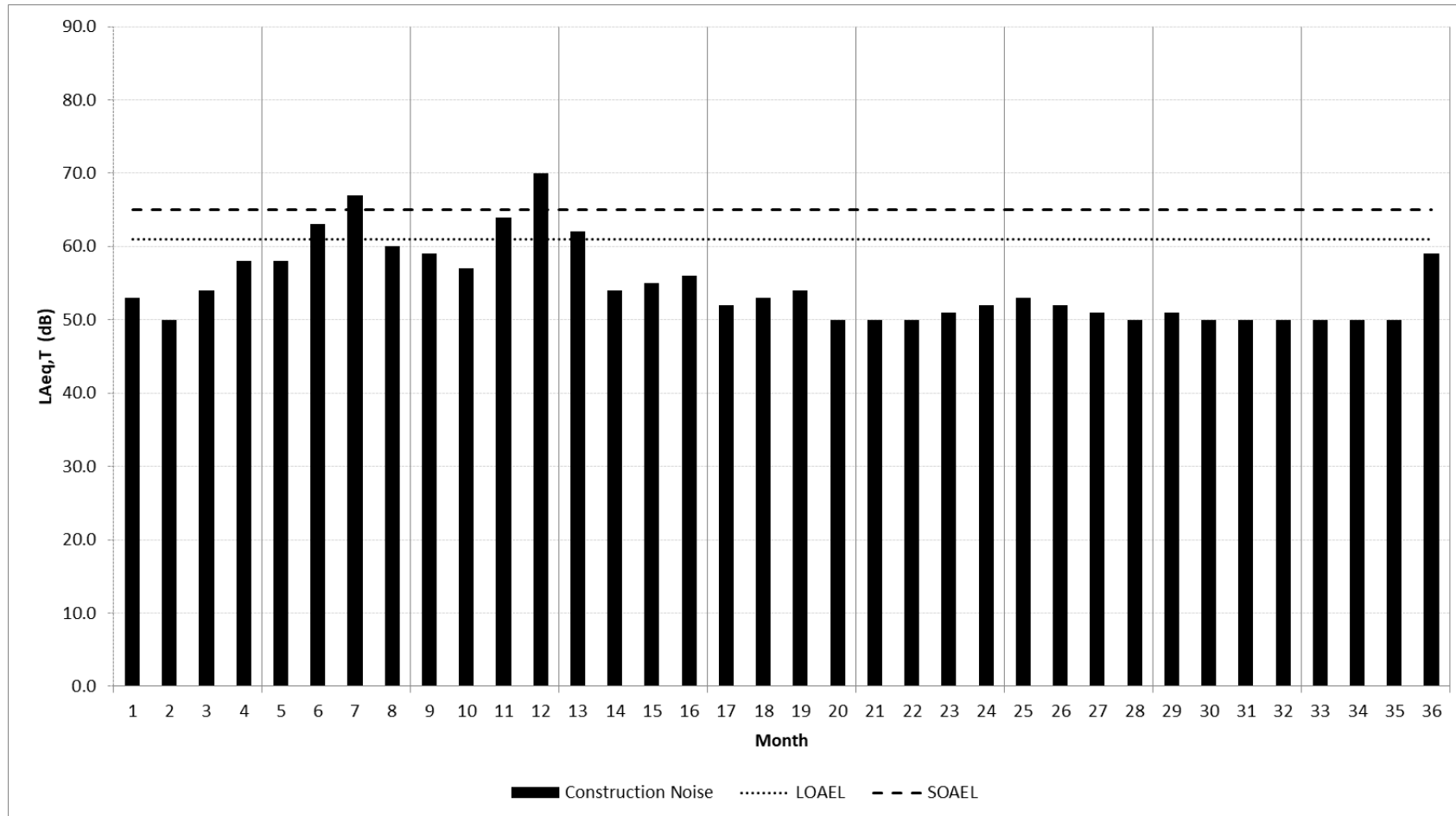


Figure A.11.3.49: R16 - Hilton Lane, Shareshill (South East) – Day, Ground Floor



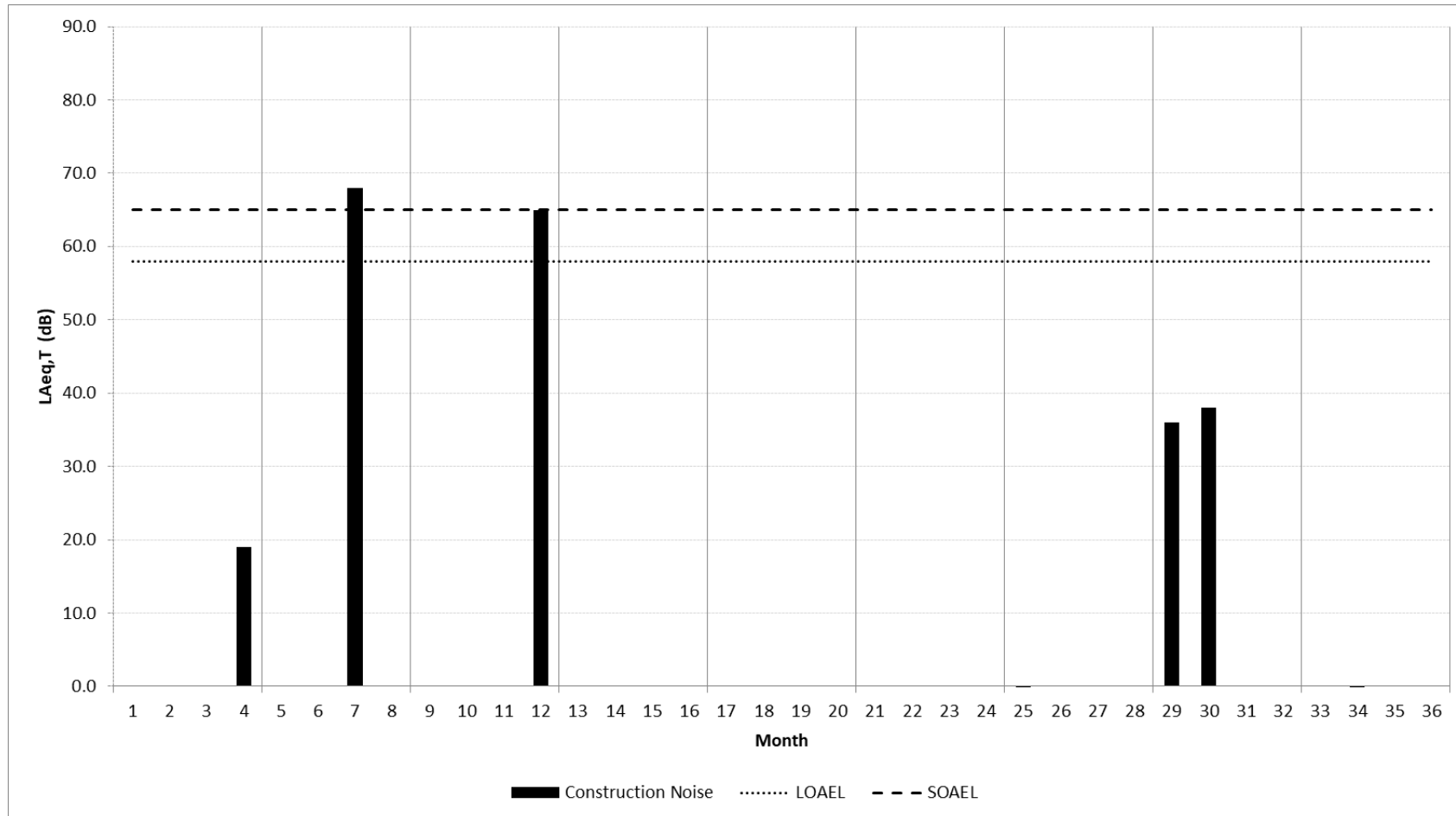


Figure A.11.3.50: R16 - Hilton Lane, Shareshill (South East) – Evening/Weekend, Ground Floor

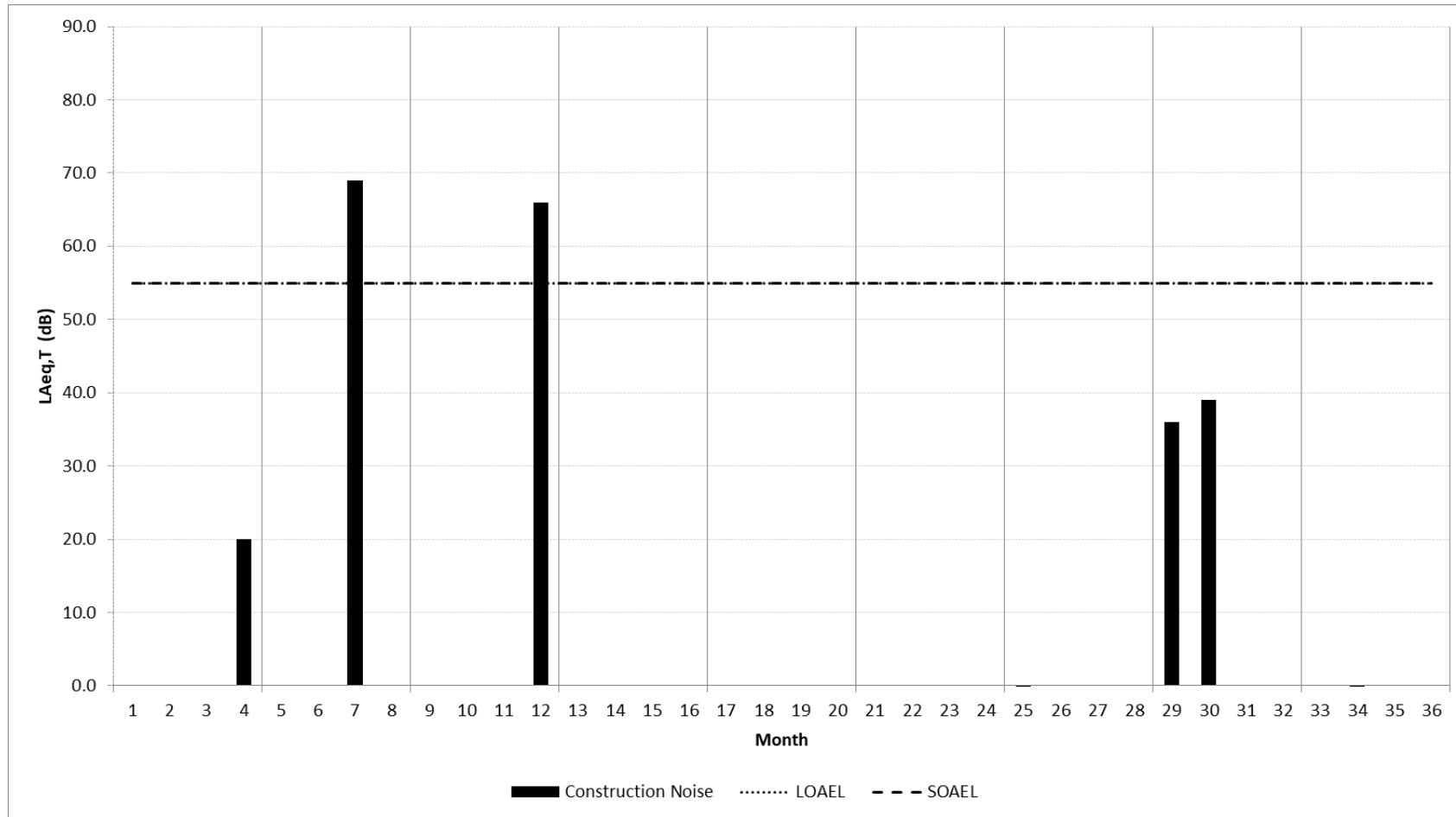


Figure A.11.3.51: R16 - Hilton Lane, Shareshill (South East) – Night, First Floor

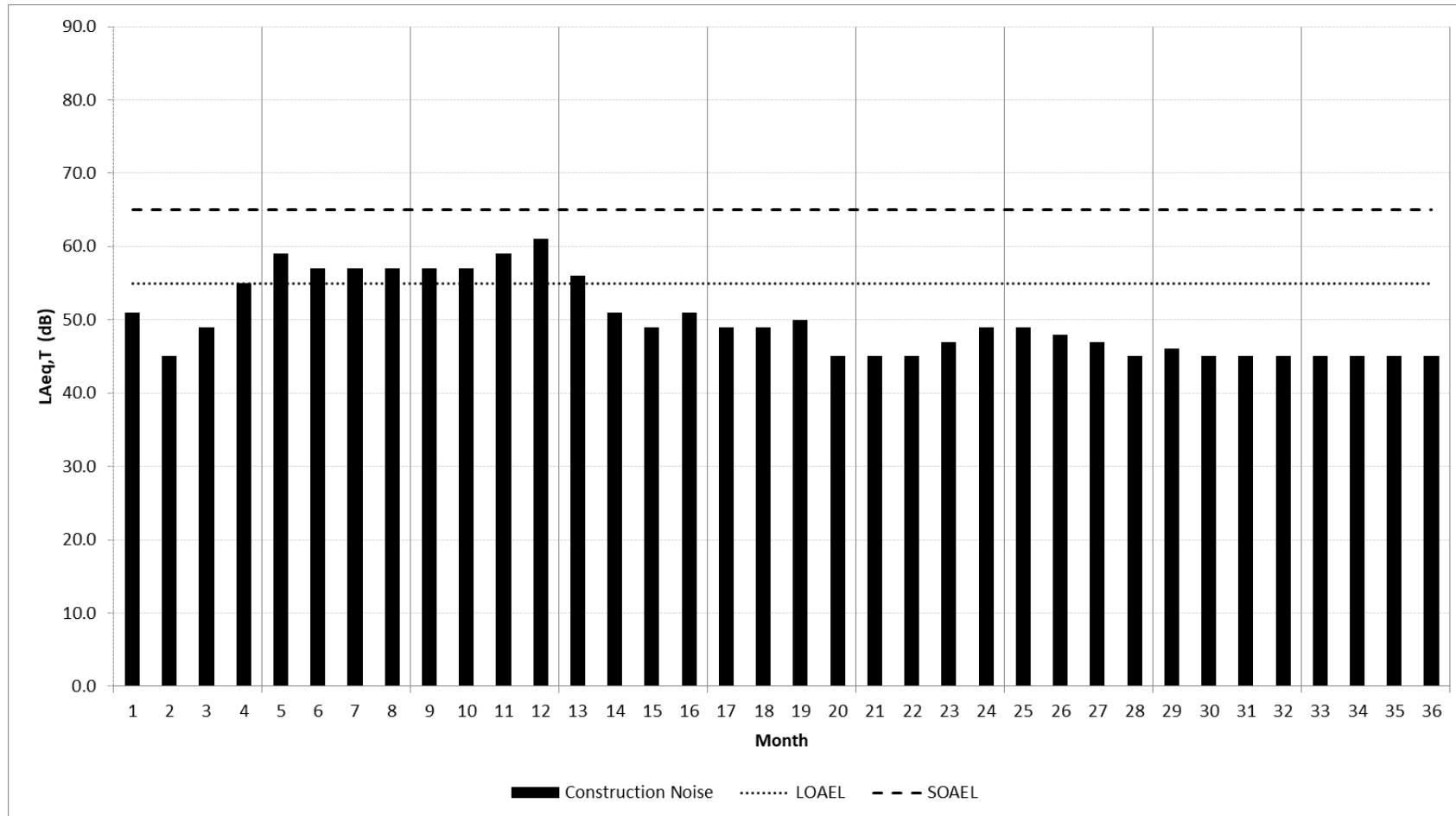
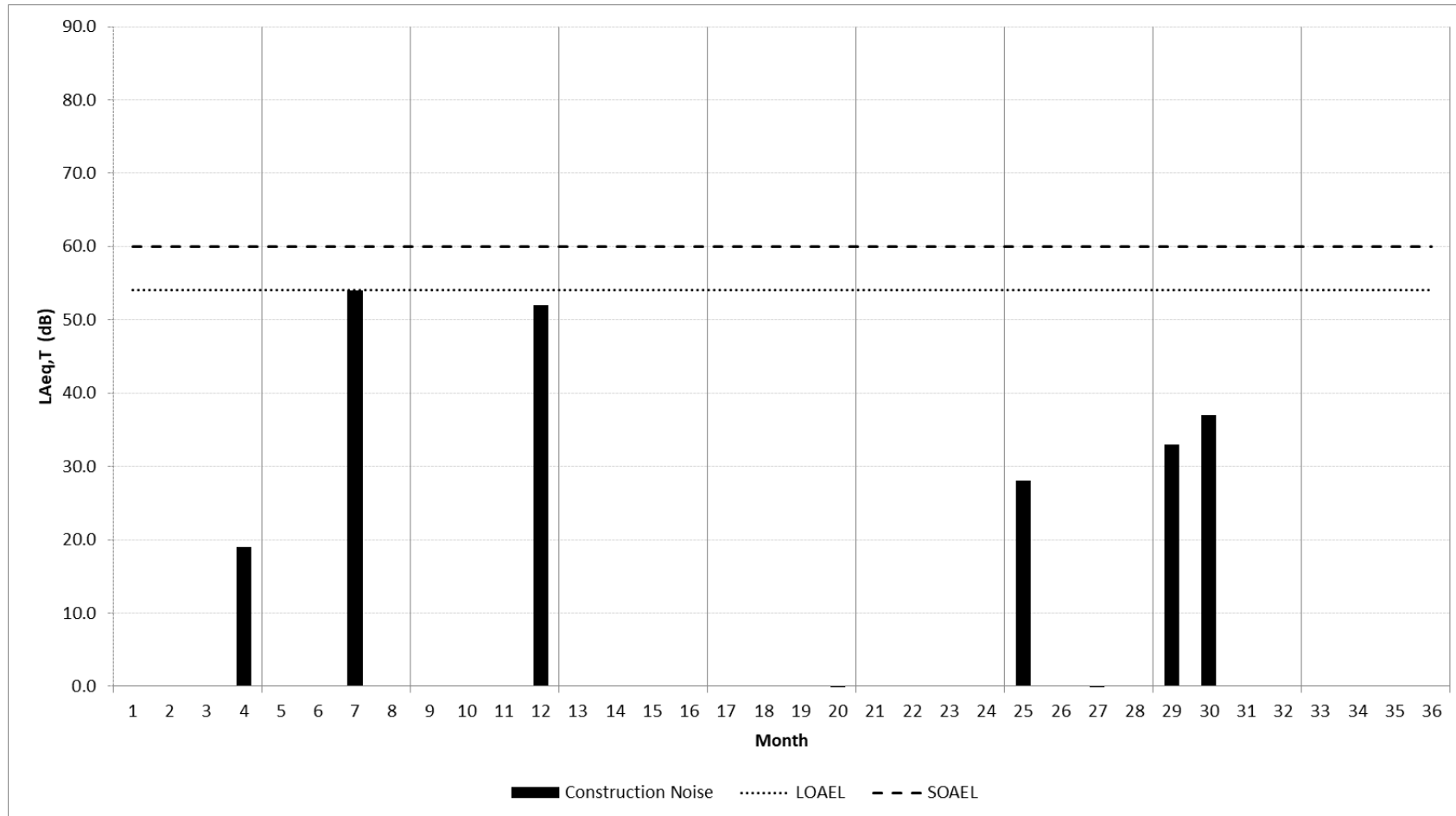
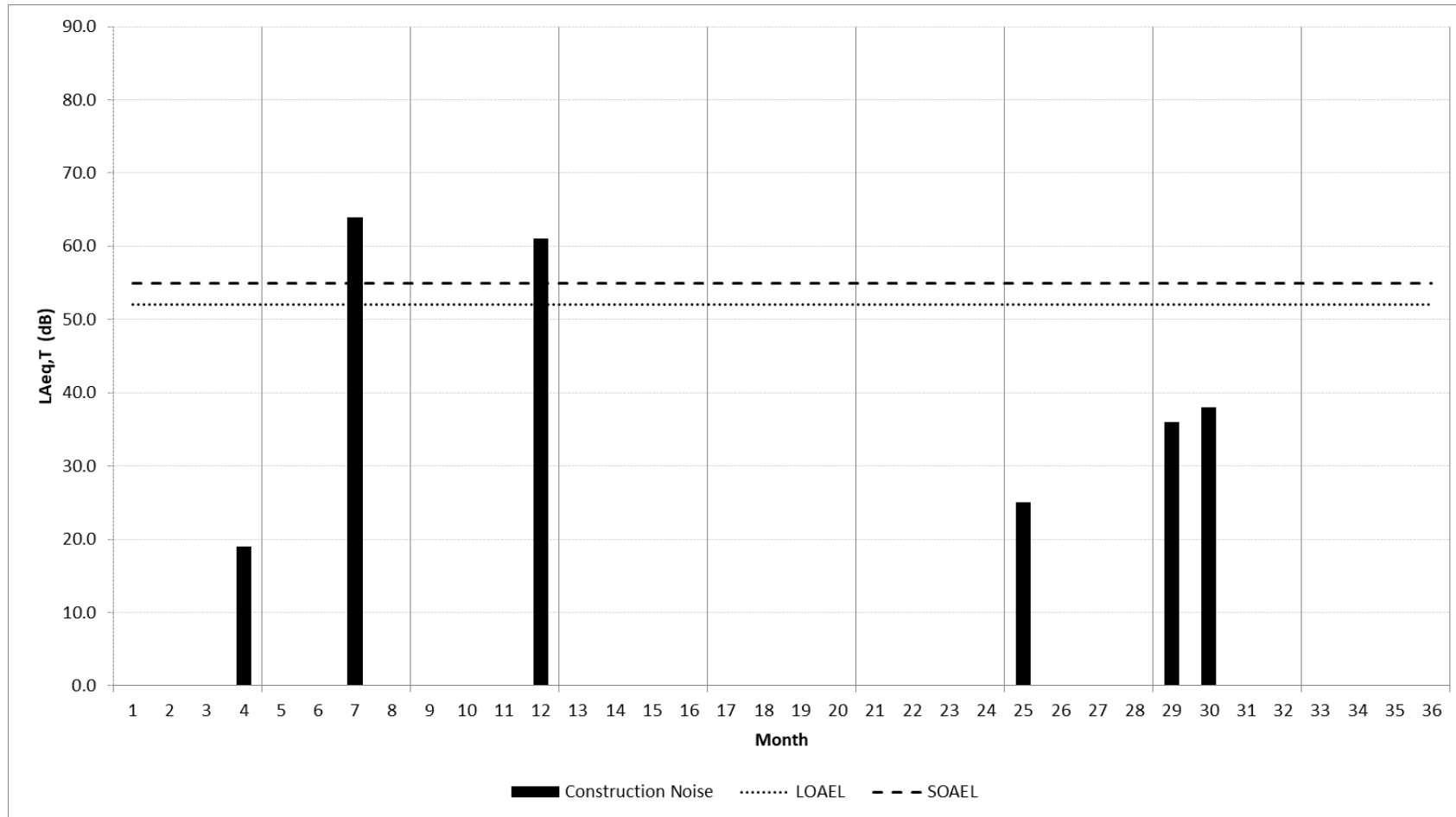


Figure A.11.3.52: R17A - Hilton Lane, Shareshill (Central - Facing Scheme) - Day, Ground Floor



**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**

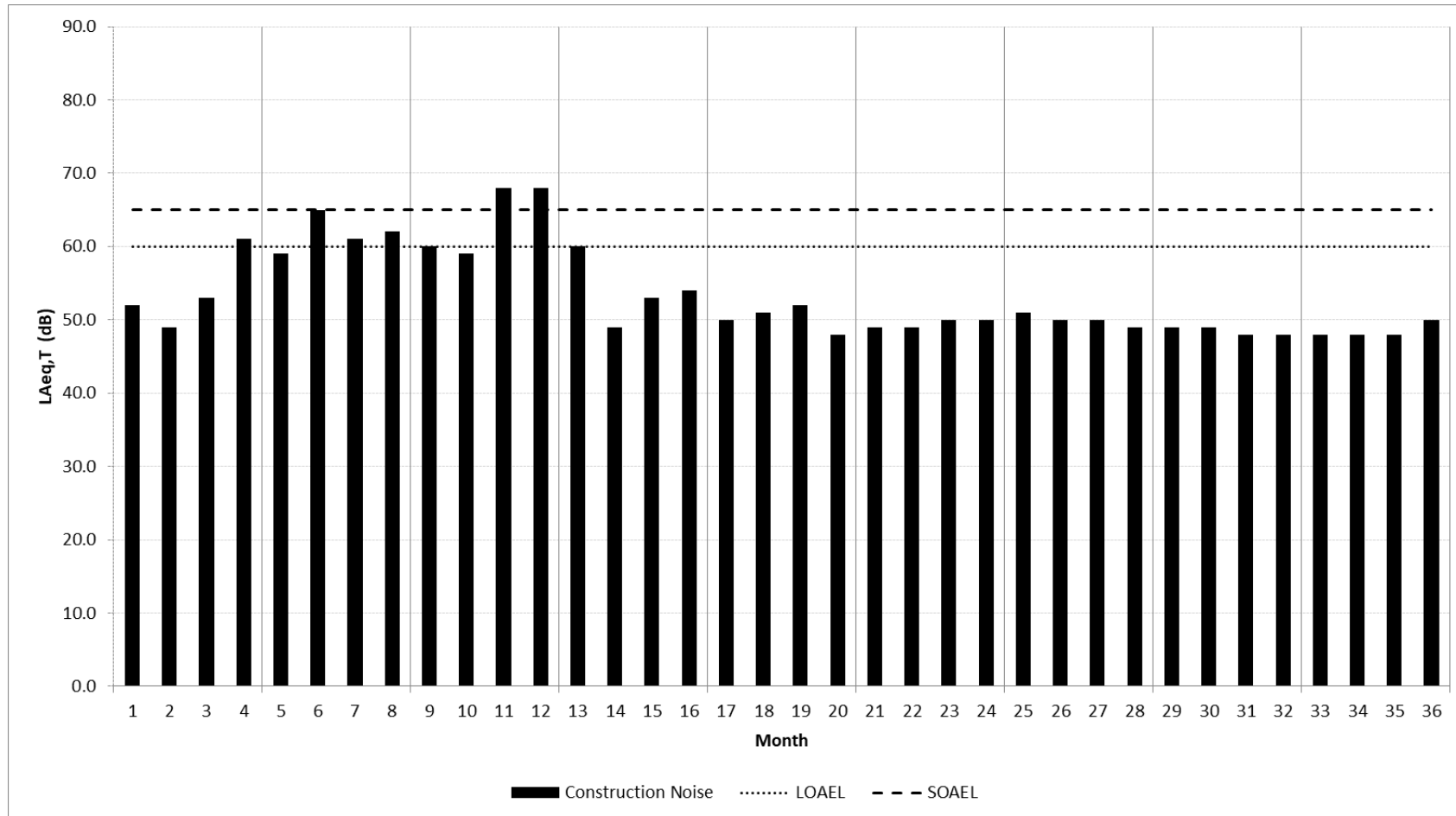


Figure A.11.3.55: R17B - Hilton Lane, Shareshill (Central - Facing Hilton Lane) - Day, Ground Floor

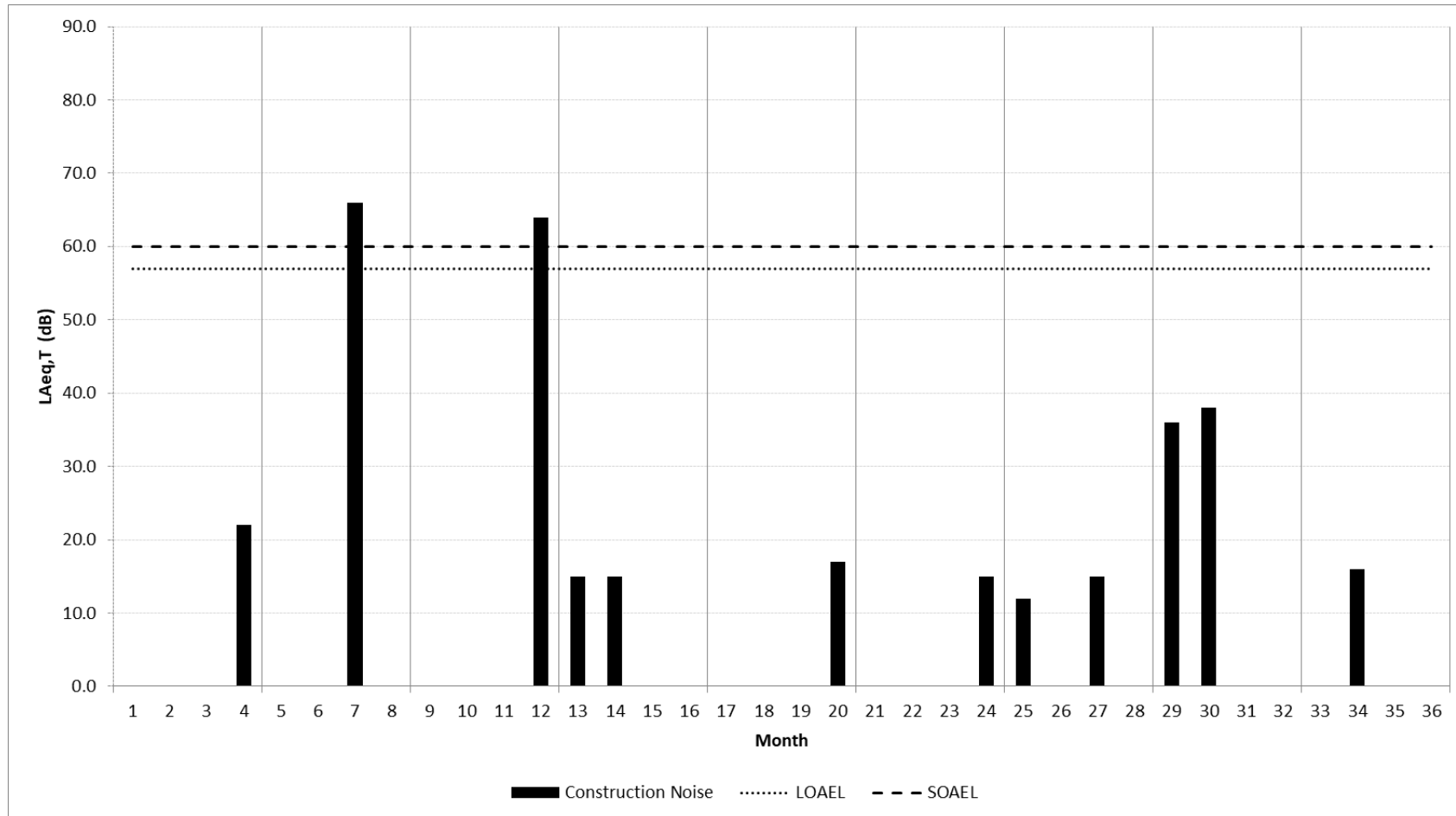


Figure A.11.3.56: R17B - Hilton Lane, Shareshill (Central - Facing Hilton Lane) – Evening/Weekend, Ground Floor

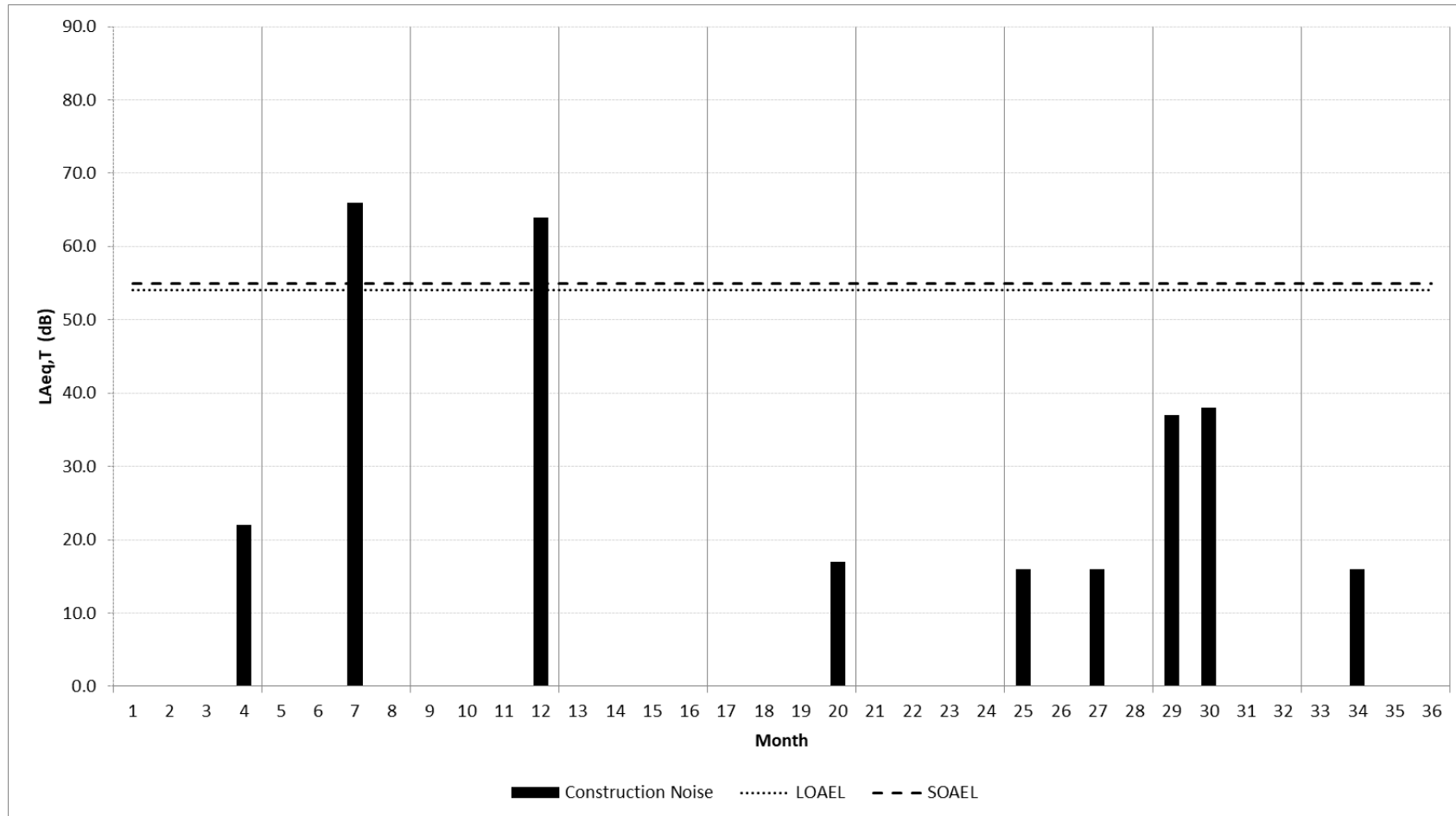


Figure A.11.3.57: R17B - Hilton Lane, Shareshill (Central - Facing Hilton Lane) - Night, First Floor



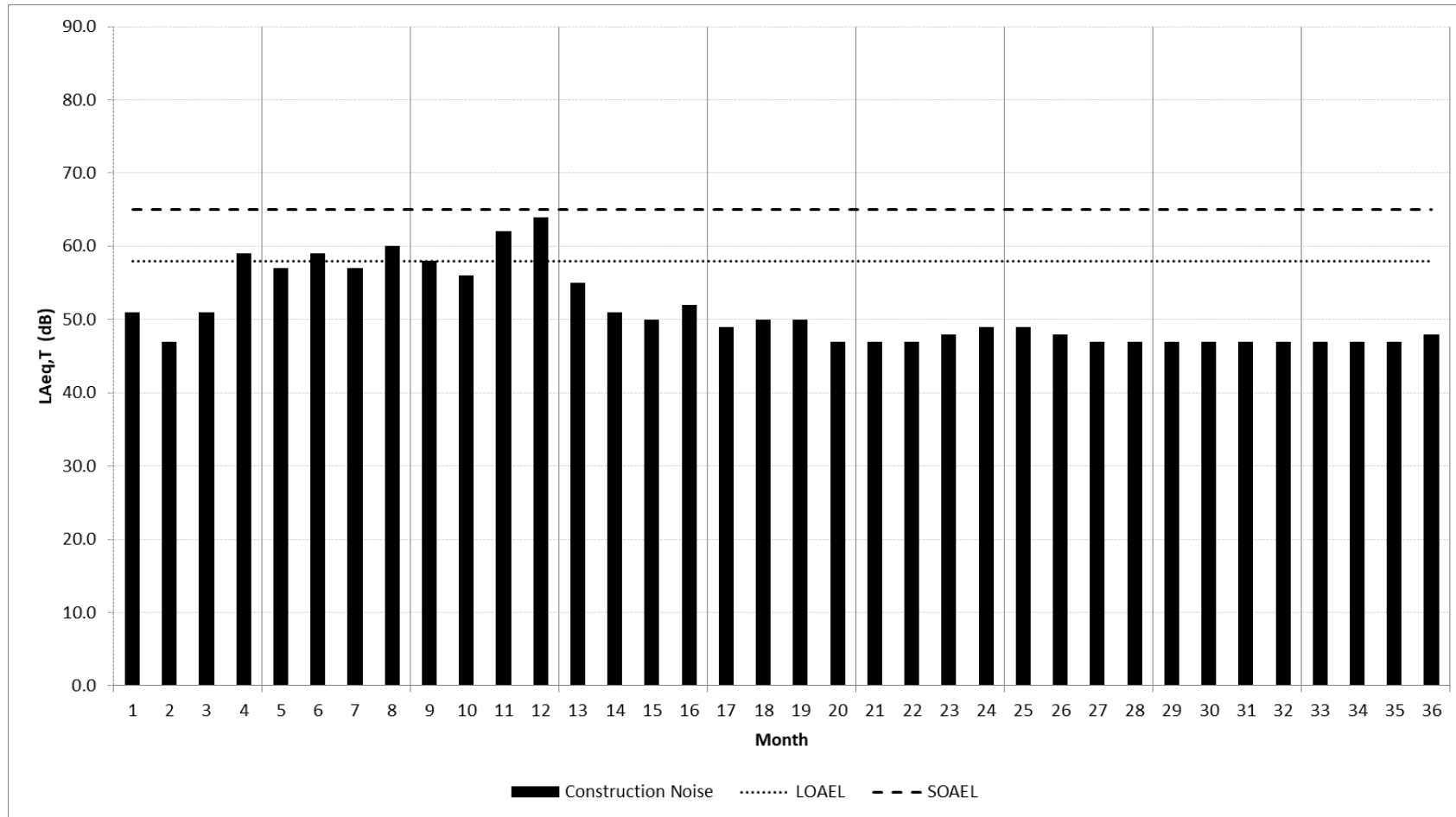


Figure A.11.3.58: R18A - Hilton Lane, Shareshill (North West - Facing Scheme) - Day, Ground Floor

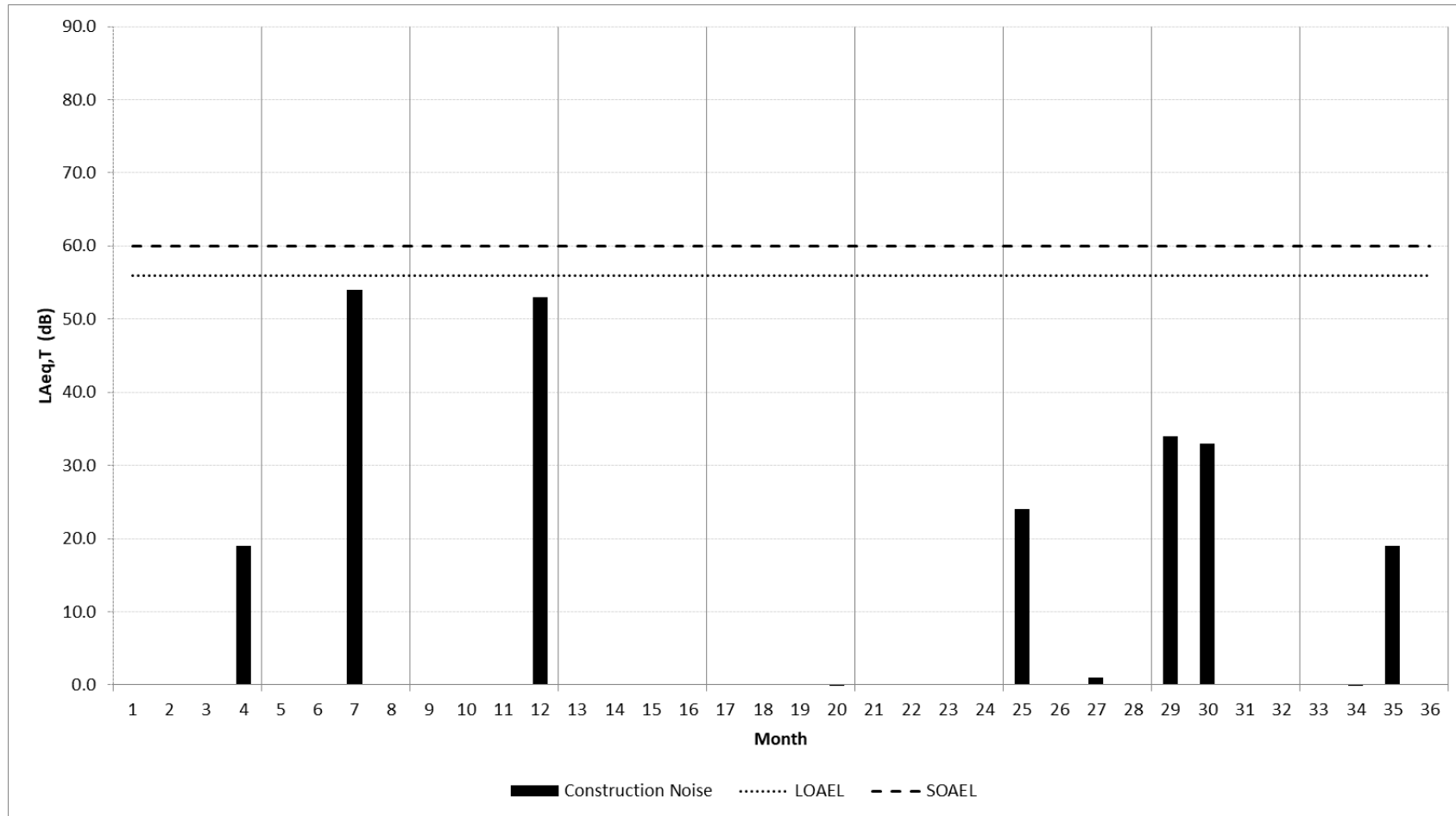
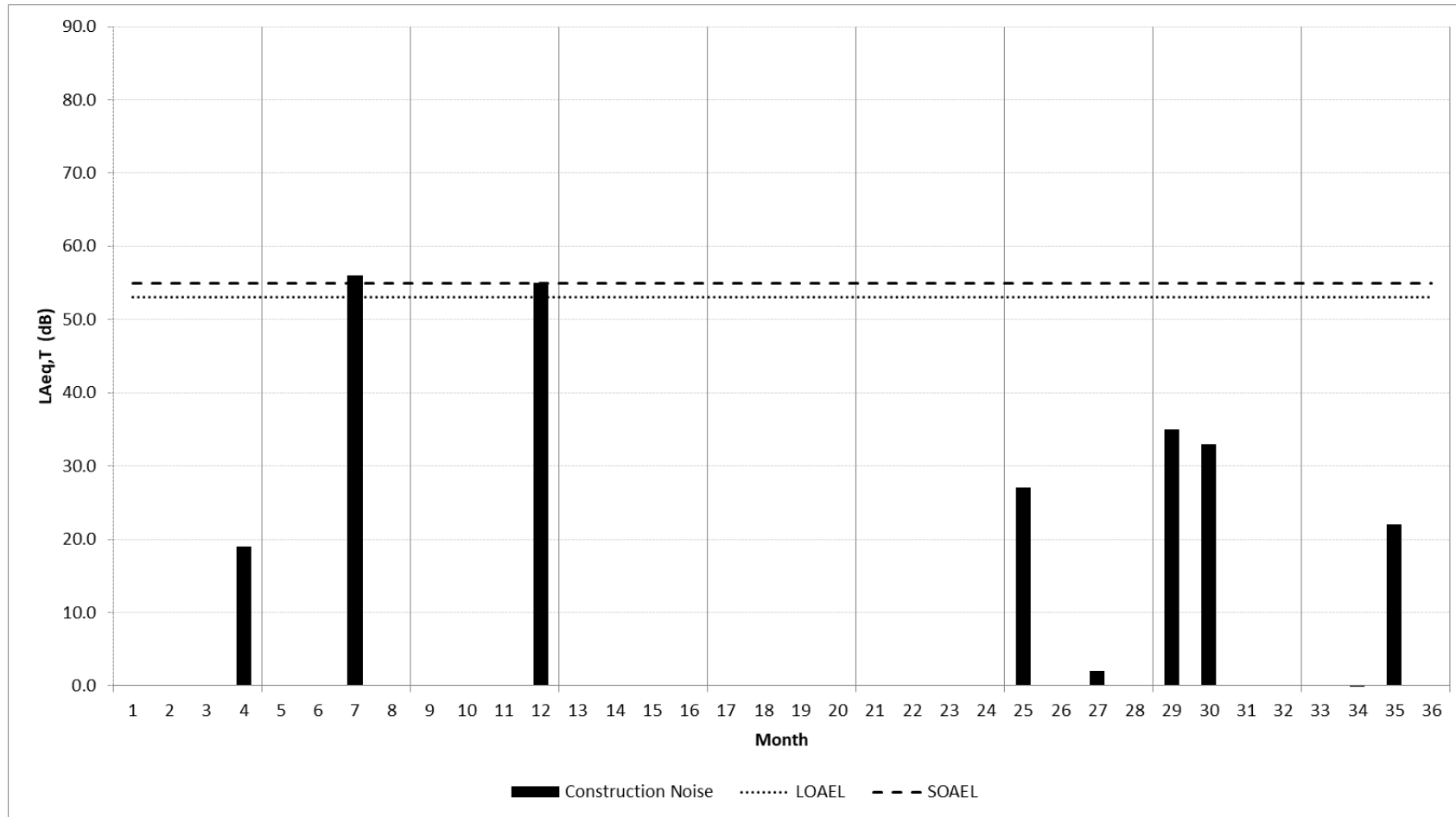


Figure A.11.3.59: R18A - Hilton Lane, Shareshill (North West - Facing Scheme) - Evening/Weekend, Ground Floor



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

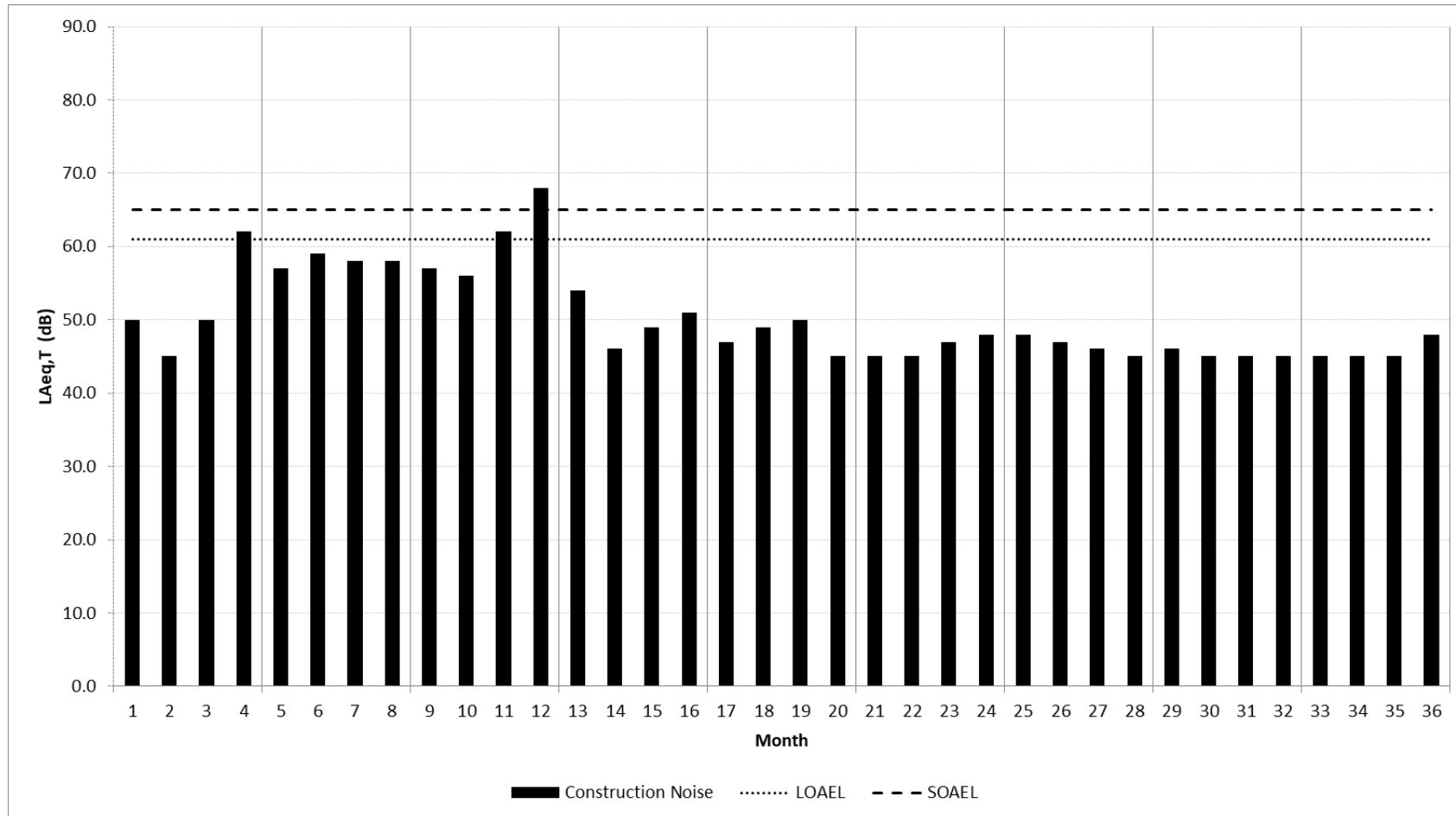


Figure A.11.3.61: R18B - Hilton Lane, Shareshill (North West - Facing Hilton Lane) - Day, Ground Floor

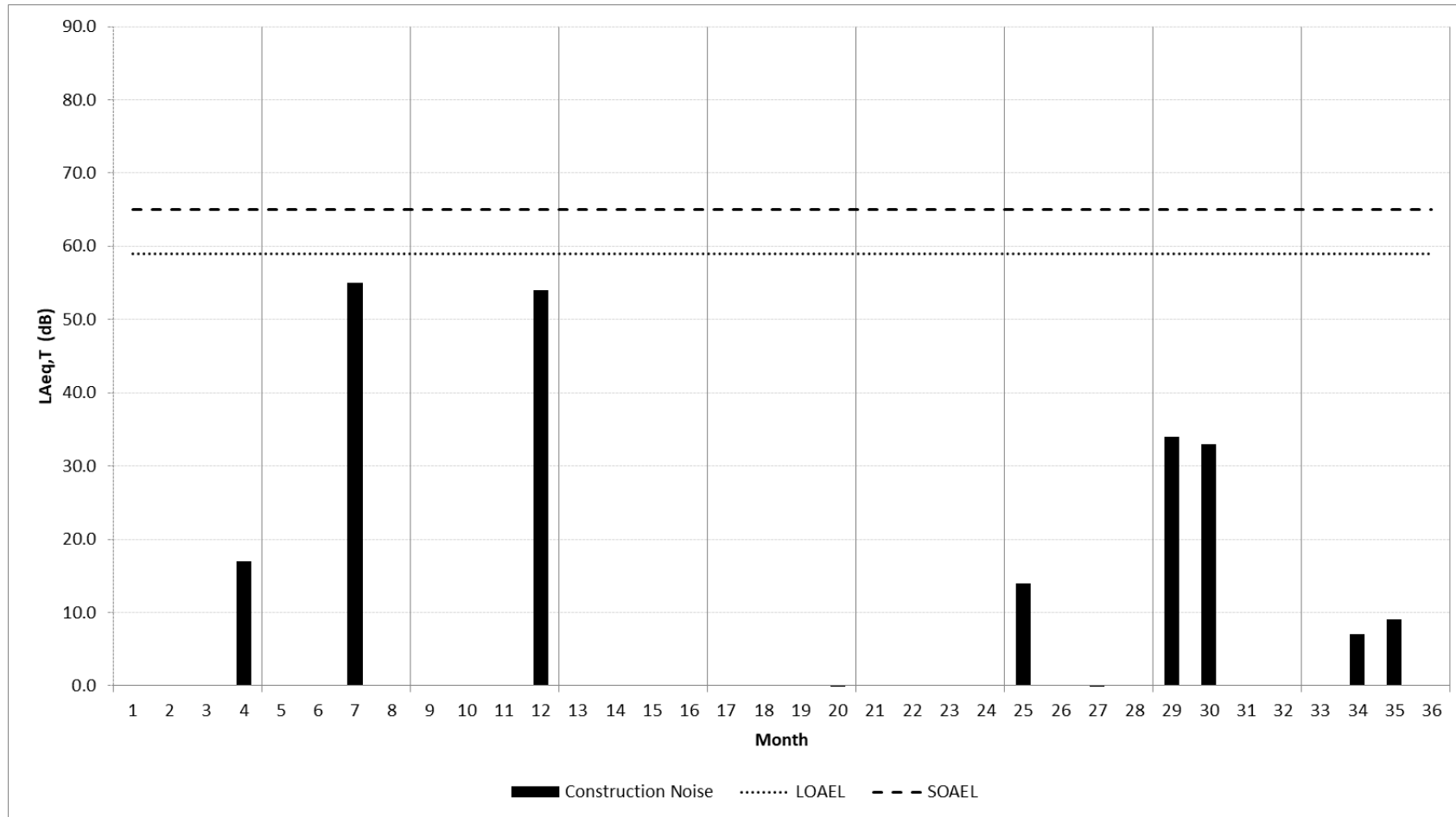


Figure A.11.3.62: R18B - Hilton Lane, Shareshill (North West - Facing Hilton Lane) – Evening/Weekend, Ground Floor

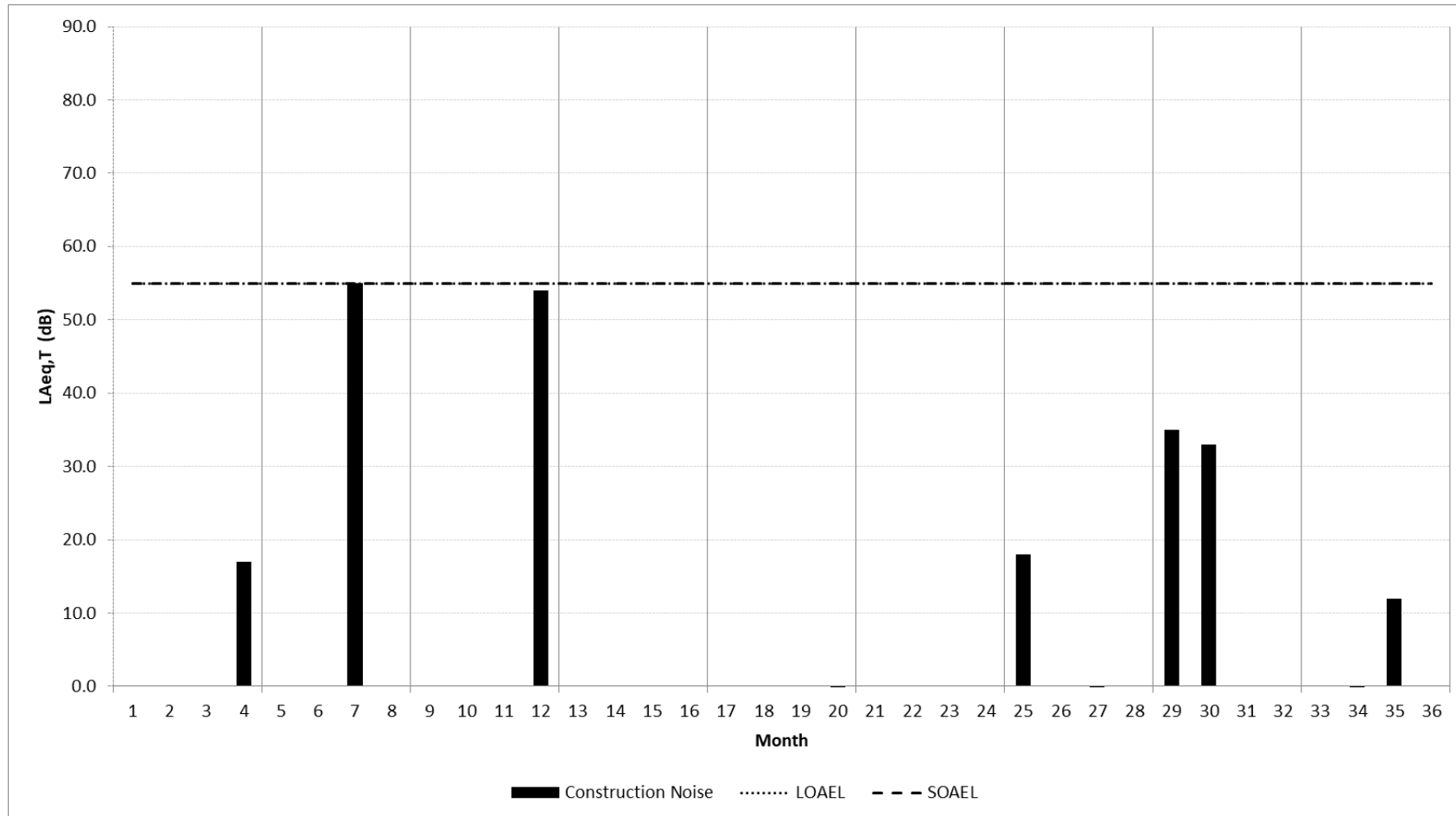


Figure A.11.3.63: R18B - Hilton Lane, Shareshill (North West - Facing Hilton Lane) - Night, First Floor

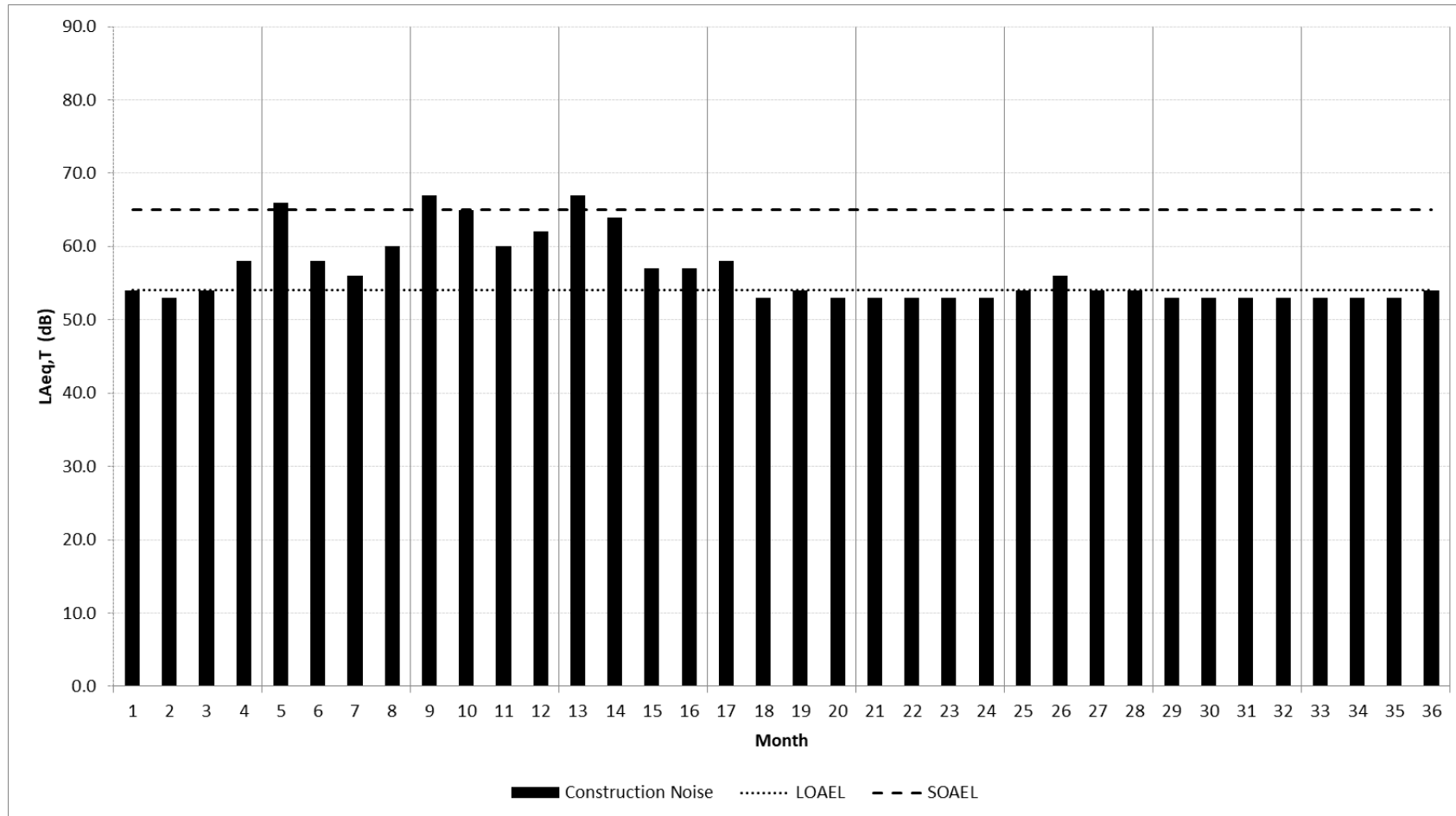


Figure A.11.3.64: R19 - Brookfield Farm, Cannock Road, Shareshill – Day, Ground Floor

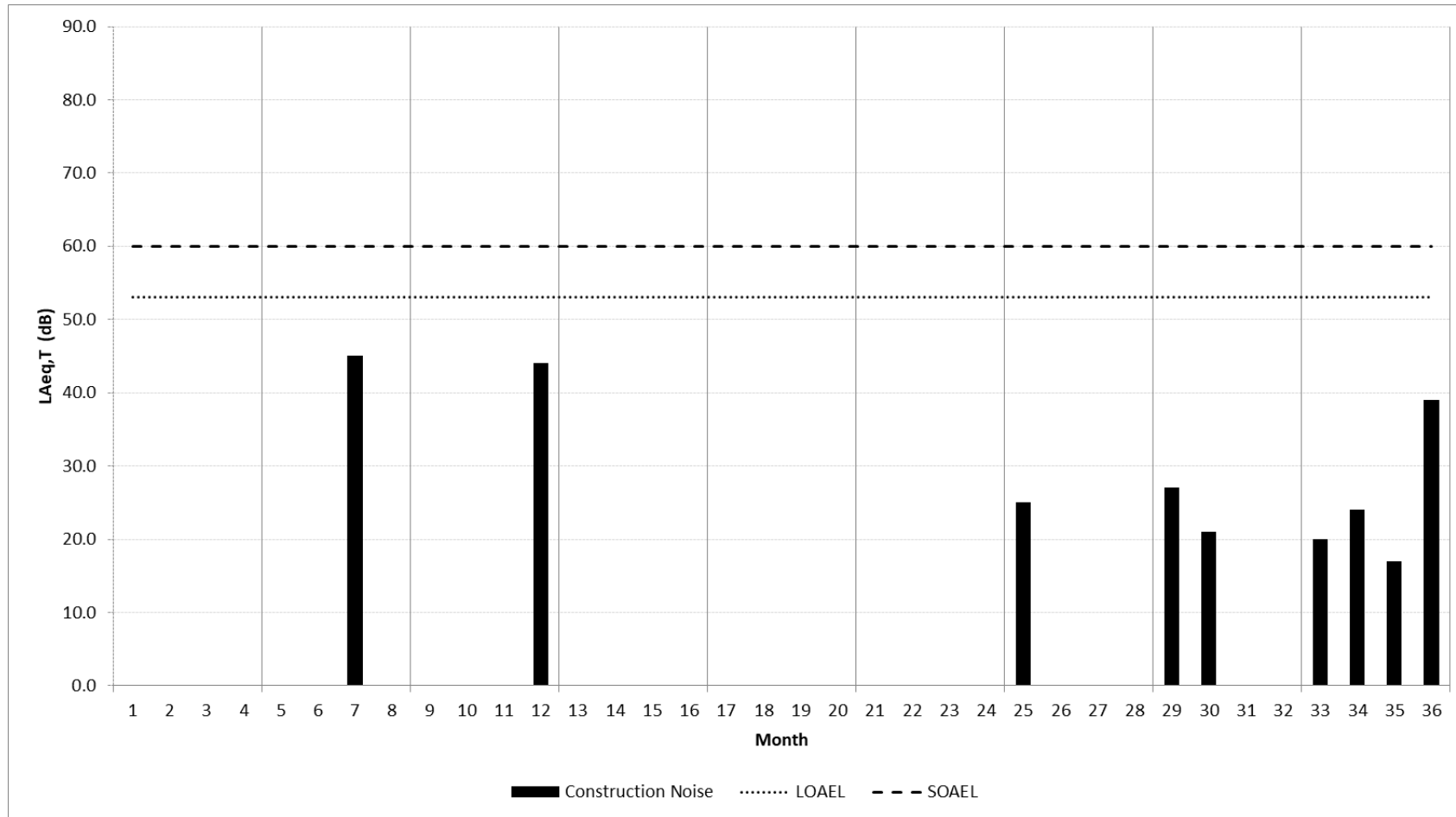


Figure A.11.3.65: R19 - Brookfield Farm, Cannock Road, Shareshill – Evening/Weekend, Ground Floor



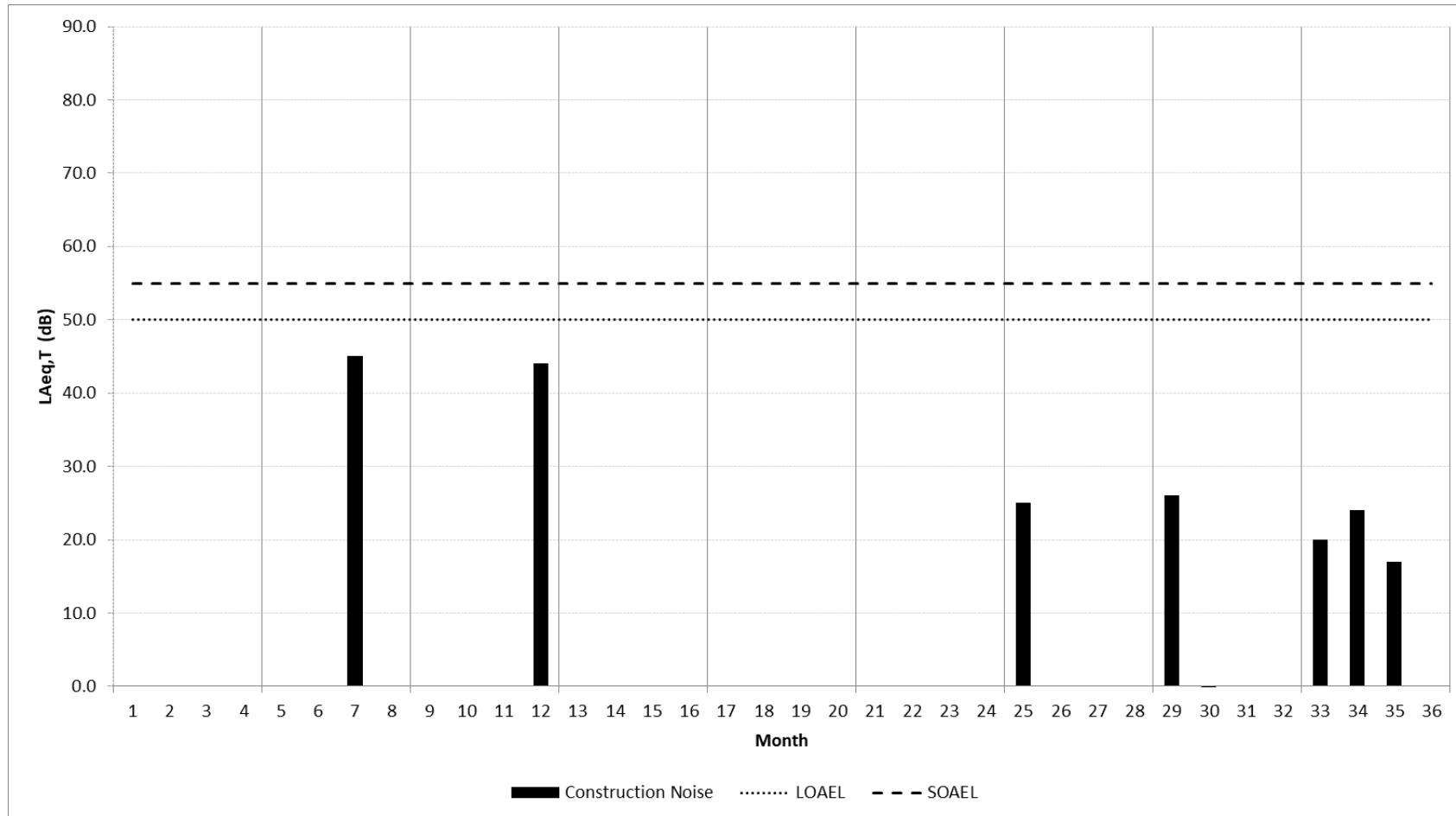


Figure A.11.3.66: R19 - Brookfield Farm, Cannock Road, Shareshill – Night, Ground Floor

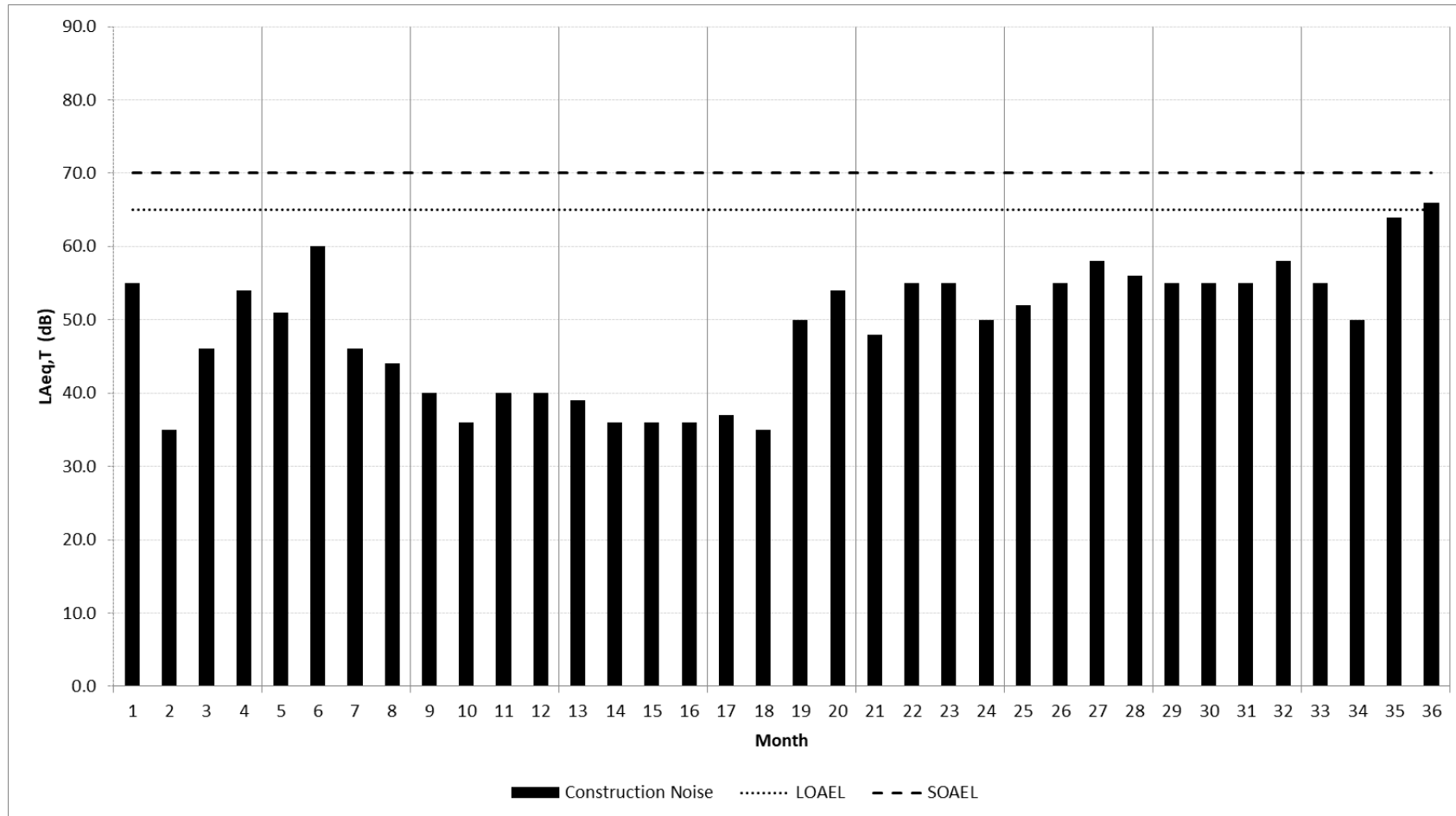


Figure A.11.3.67: R20 - Wolverhampton Road (South) – Day, Ground Floor

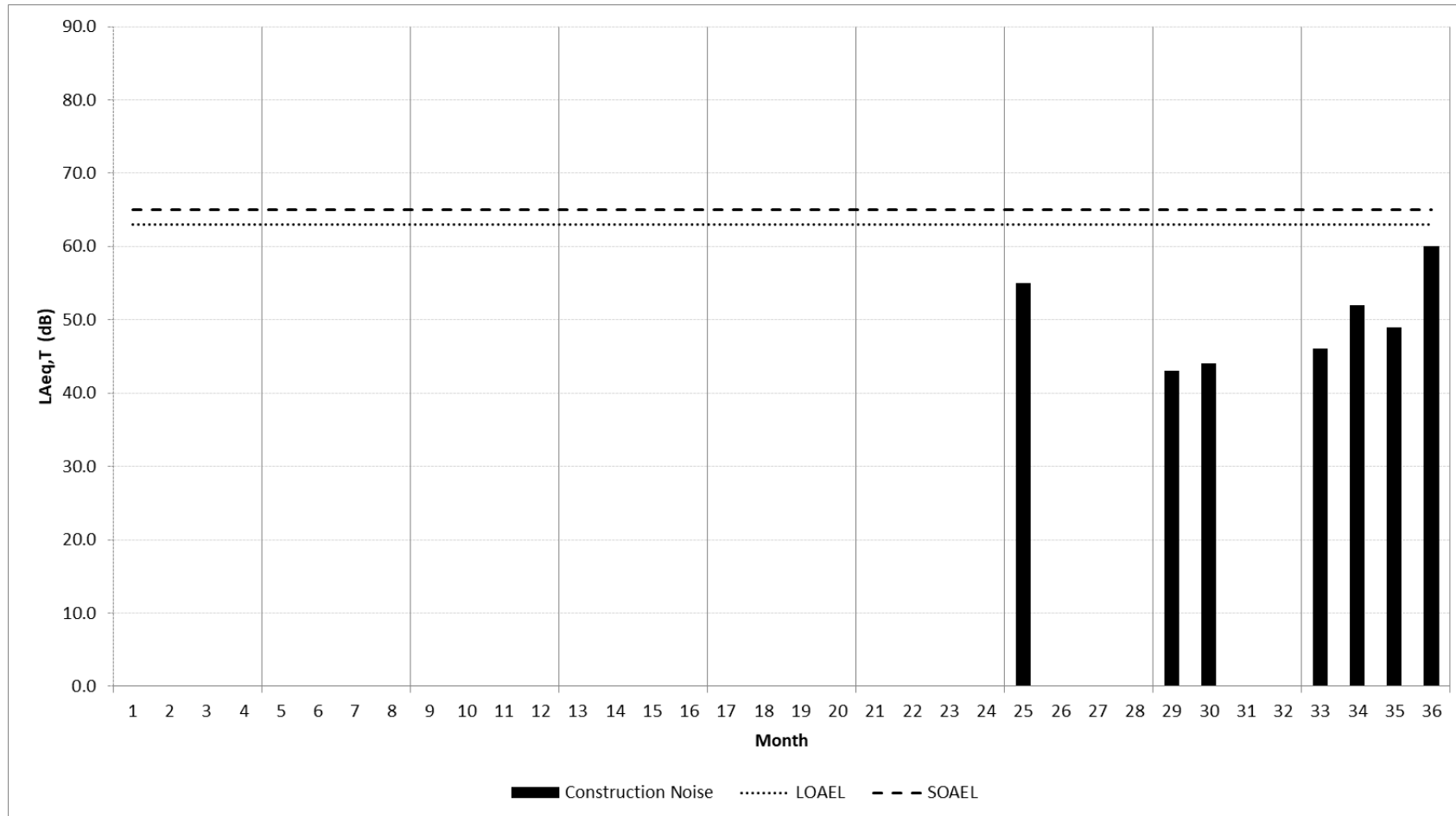


Figure A.11.3.68: R20 - Wolverhampton Road (South) – Evening/Weekend, Ground Floor

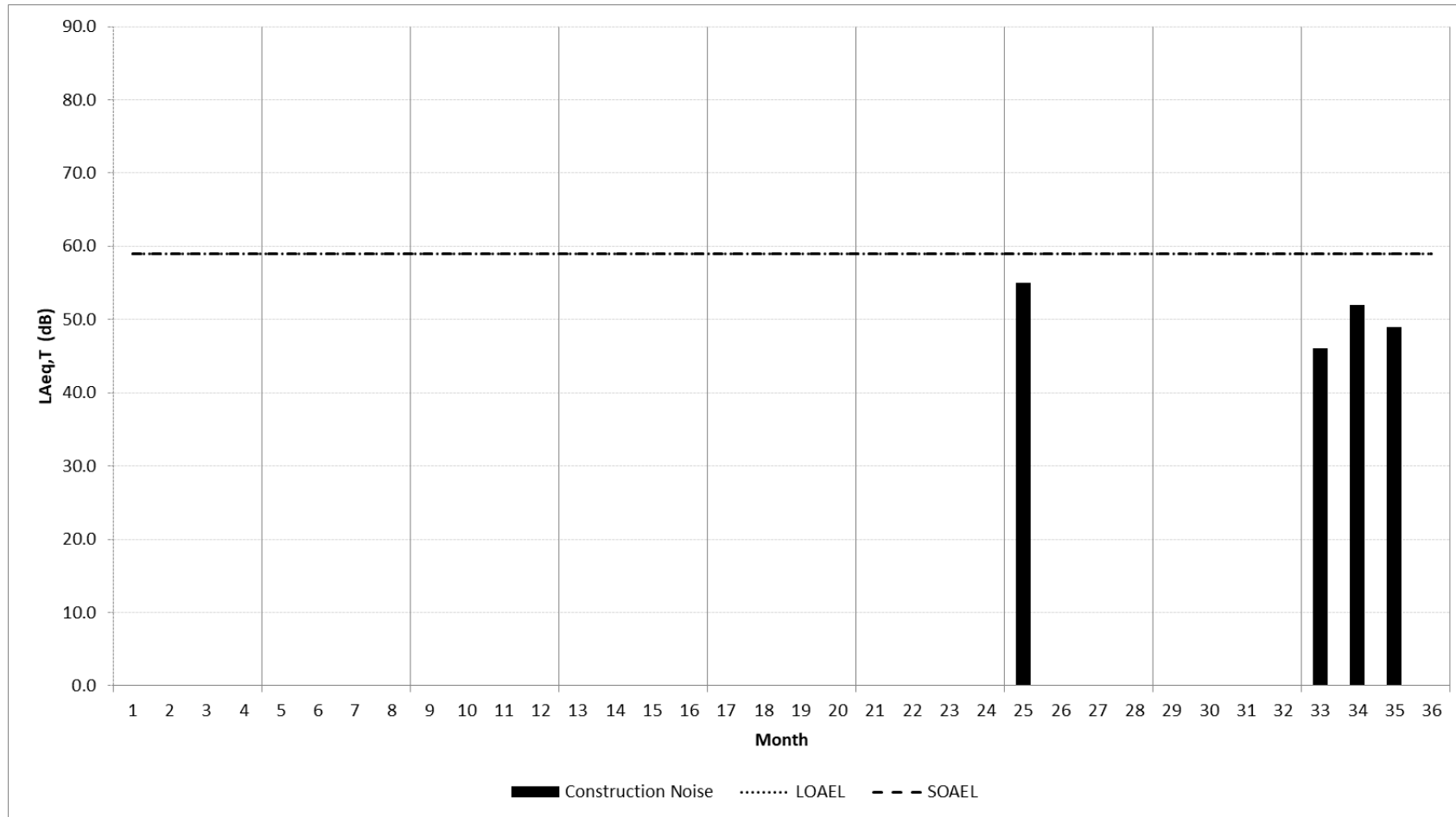


Figure A.11.3.69: R20 - Wolverhampton Road (South) – Night, Ground Floor

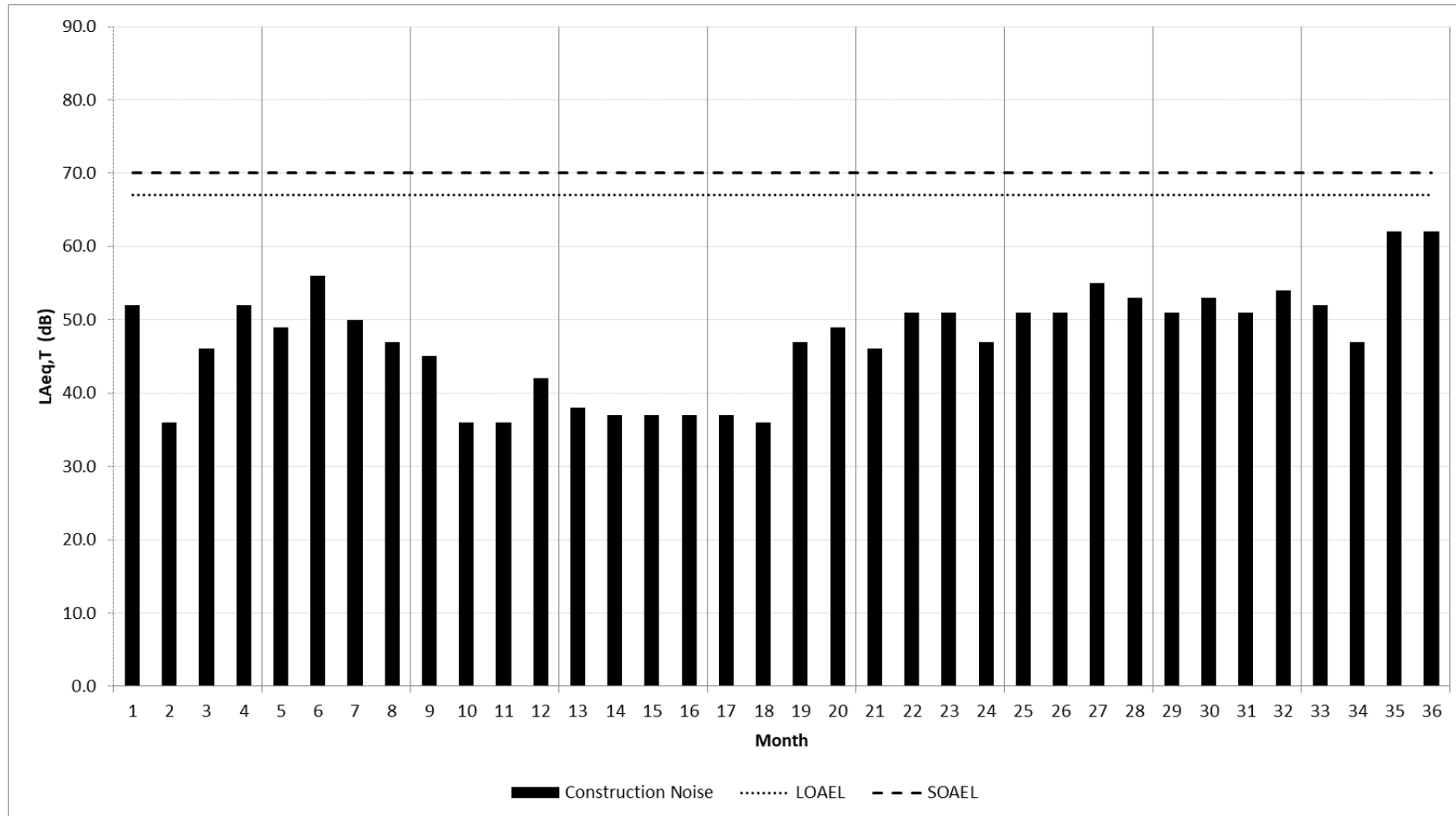
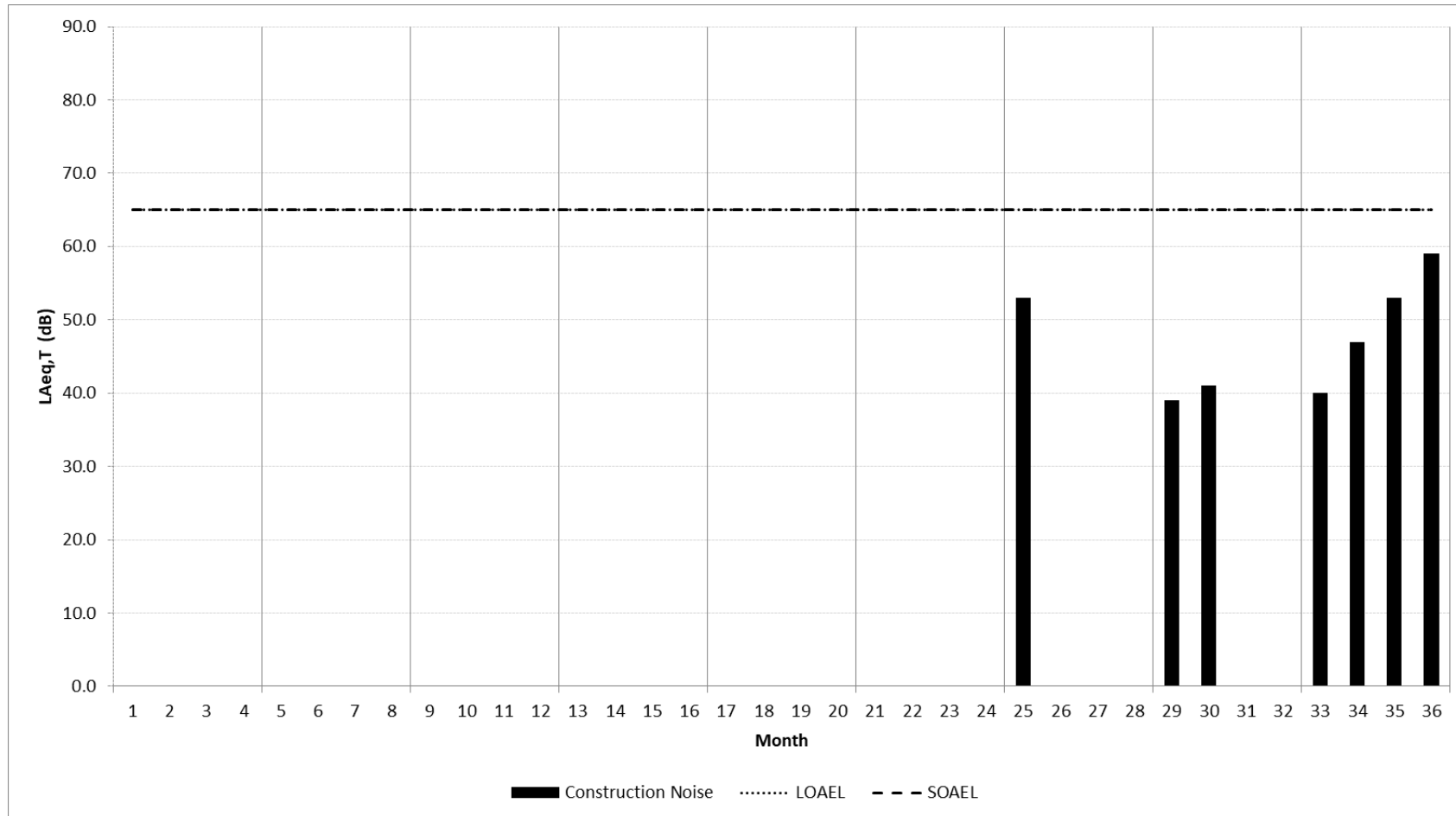
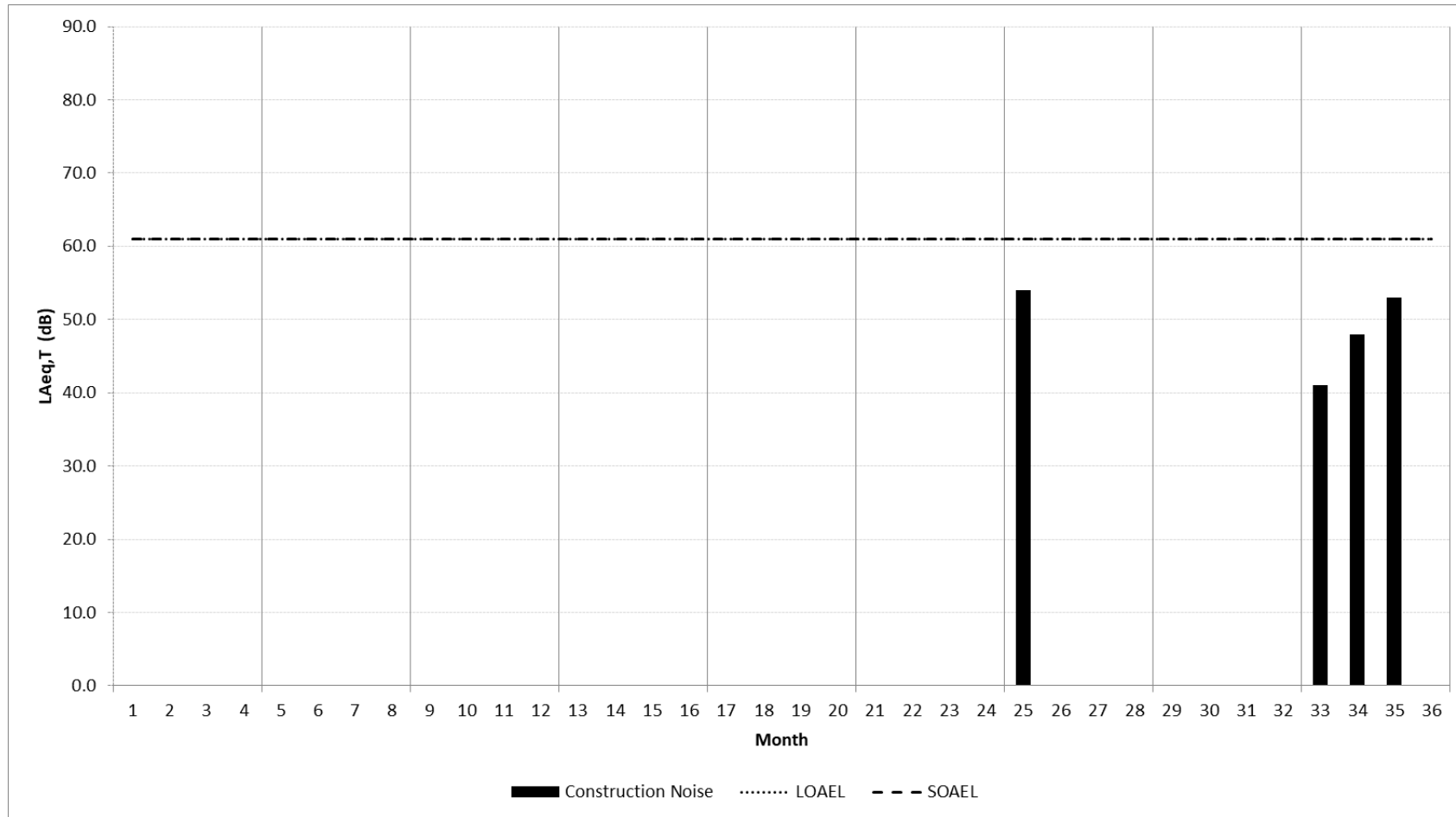


Figure A.11.3.70: R21 - Wolverhampton Road (North) – Day, Ground Floor



**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**

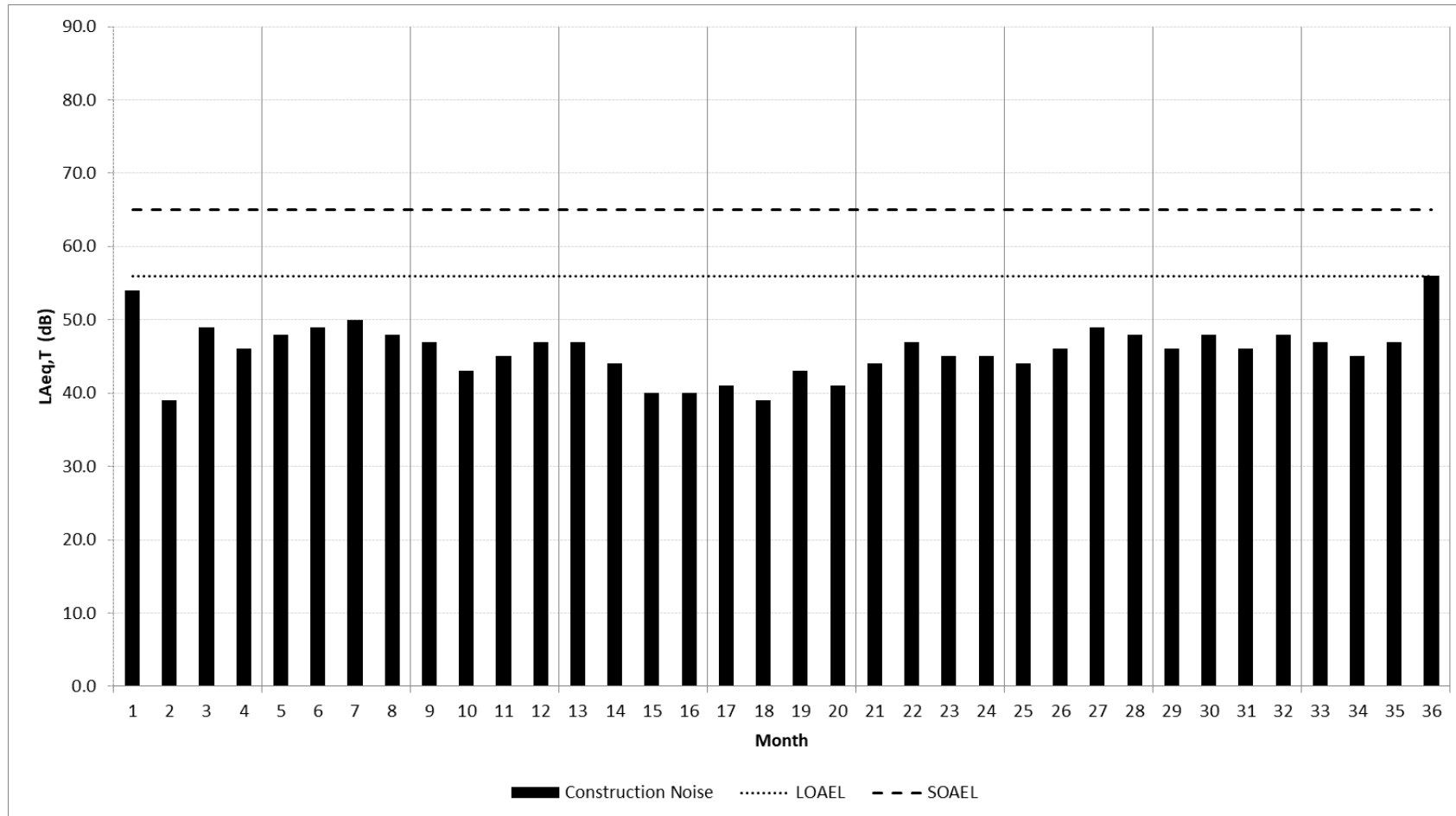


Figure A.11.3.73: R22 - Mill Lane, Sharesill – Day, Ground Floor



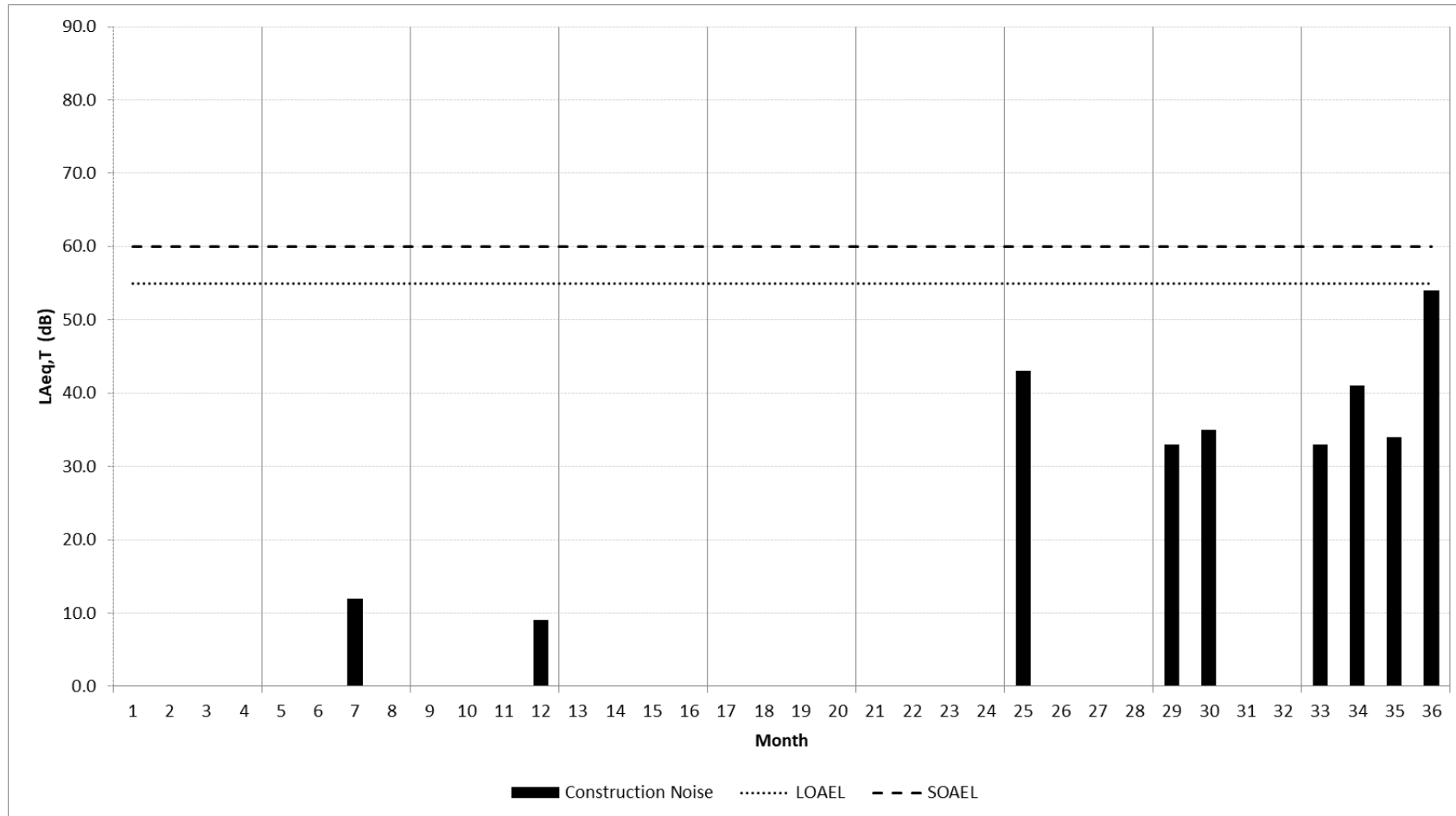


Figure A.11.3.74: R22 - Mill Lane, Shareshill – Evening/Weekend, Ground Floor

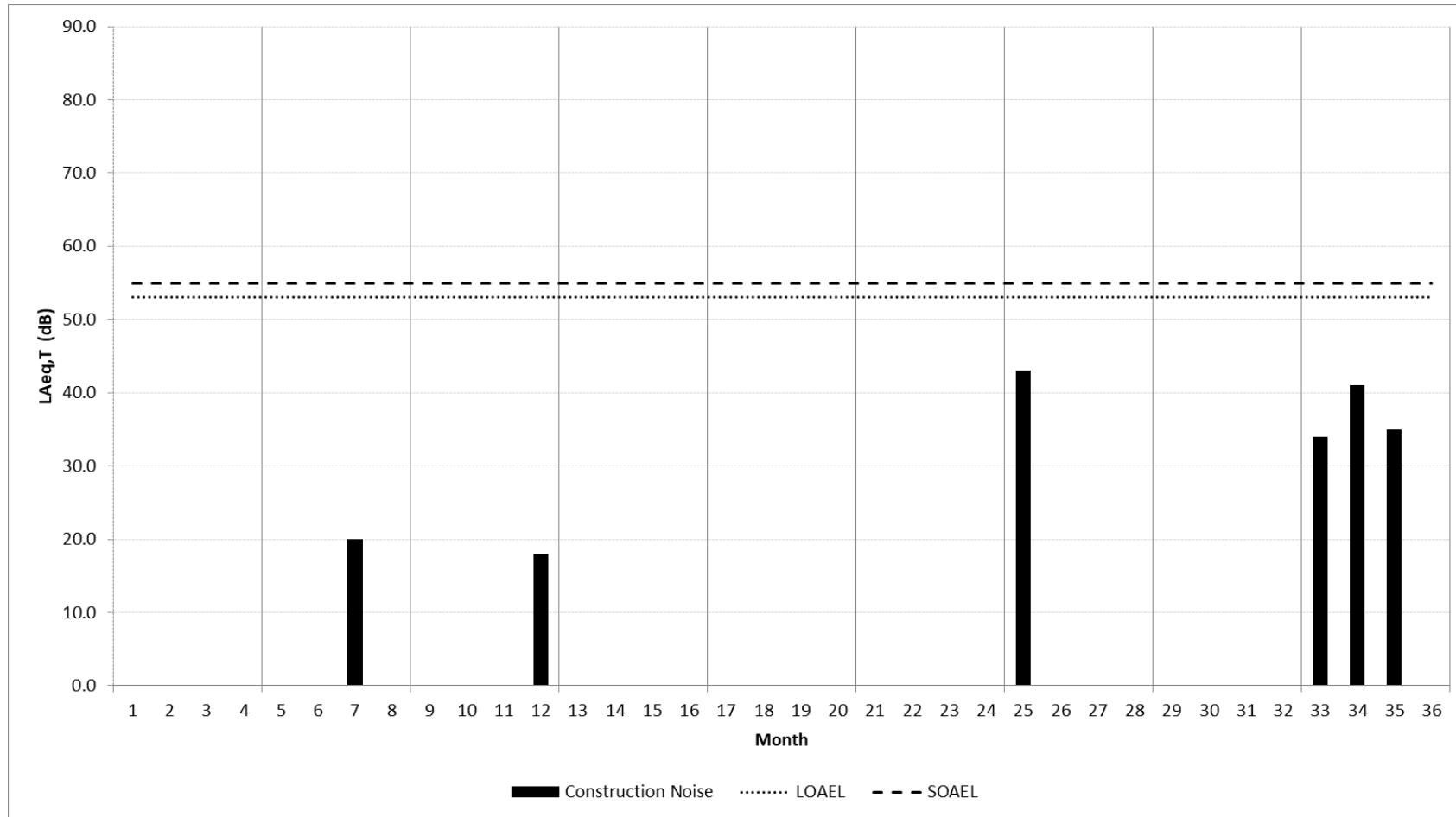


Figure A.11.3.75: R22 - Mill Lane, Shareshill – Night, First Floor