



27 February 2026

Reference: 2025335 L01B 79-83 York Street Indooroopilly RAIL ENV - SARA Response Letter.docx

State Assessment and Referral Agency
PO Box 15009
City East, QLD 4002

RE: 79-83 York Street, Indooroopilly
Acoustic Response to SARA referral agency response (2601-50197 SRA)

This letter is in response to SARA's condition 2 of the response (ref: 2601-50197 SRA), dated 16 February 2026 in relation to the application for the proposed residential development located at 79-83 York Street Indooroopilly. The acoustic conditions raised by SARA, and the response from Acoustic Works are detailed as follows:

Request

Install a continuous solid gap-free structure, constructed of glass, concrete blocks, bricks or fibre cement sheeting, or balustrade, other than gaps required for drainage purposes in accordance with the Building Code of Australia, on the balconies of units 101, 104-106, 201, 204-206, 301, 304-306, 401, 404-406, 501, and 502, as identified in the following plans:

- Floor Plans Ground & Level 1, Reference SK201, Revision 20
- Floor Plans Level 2-5, Reference SK202, Revision 16.

Response

In accordance with the Rail Noise impact assessment prepared by Acoustic Works (Ref: 2025335 R01A 79-83 York Street Indooroopilly RAIL ENV) solid balcony balustrades are not required as the maximum predicted noise impacts on the balconies of the units are $L_{Amax} = 82.7\text{dB(A)}$ and $L_{Aeq\ 24h} = 61.7\text{ dB(A)}$. Please refer to the results table below for the predicted noise impacts (Free field) at the development's private open spaces (Balconies).

Figure 1: Predicted Rail Noise Impacts

Receiver Location	Floor Level	Lmax dB(A)	LAeq 24h
U1 Balcony	1	76.5	55.5
U2 Balcony	1	74.9	53.9
U4 Balcony	1	79.1	58.1
U5 balcony	1	80.9	59.9
U6 Balcony	1	82.7	61.7
U1 Balcony	2	76.4	55.4
U2 Balcony	2	75	54
U3 Balcony	2	74.6	53.6
U4 Balcony	2	79.7	58.7
U5 Balcony	2	80.7	59.7
U6 Balcony	2	82.6	61.6
U1 Balcony	3	76.3	55.3
U2 Balcony	3	74.9	53.9
U3 Balcony	3	74.5	53.5
U4 Balcony	3	79.5	58.5
U5 Balcony	3	80.5	59.5
U6 Balcony	3	82.3	61.3
U1 Balcony	4	76.2	55.2
U2 Balcony	4	74.8	53.8
U3 Balcony	4	74.4	53.4
U4 Balcony	4	79.4	58.4
U5 Balcony	4	80.3	59.3
U6 Balcony	4	82.1	61.1
U1 Balcony Large	5	75.7	54.7
U1 Balcony Small	5	81.9	60.9
U2 Balcony Large	5	73.2	52.2
U2 Balcony Small	5	79.6	58.6

Based on the predicted rail impact for the private recreation areas, compliance is achieved with SARA assessment requirements without the need for any additional acoustic treatments.

We trust this information meets your current requirements. If you should have any further queries, please do not hesitate to contact us.

Yours faithfully,



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