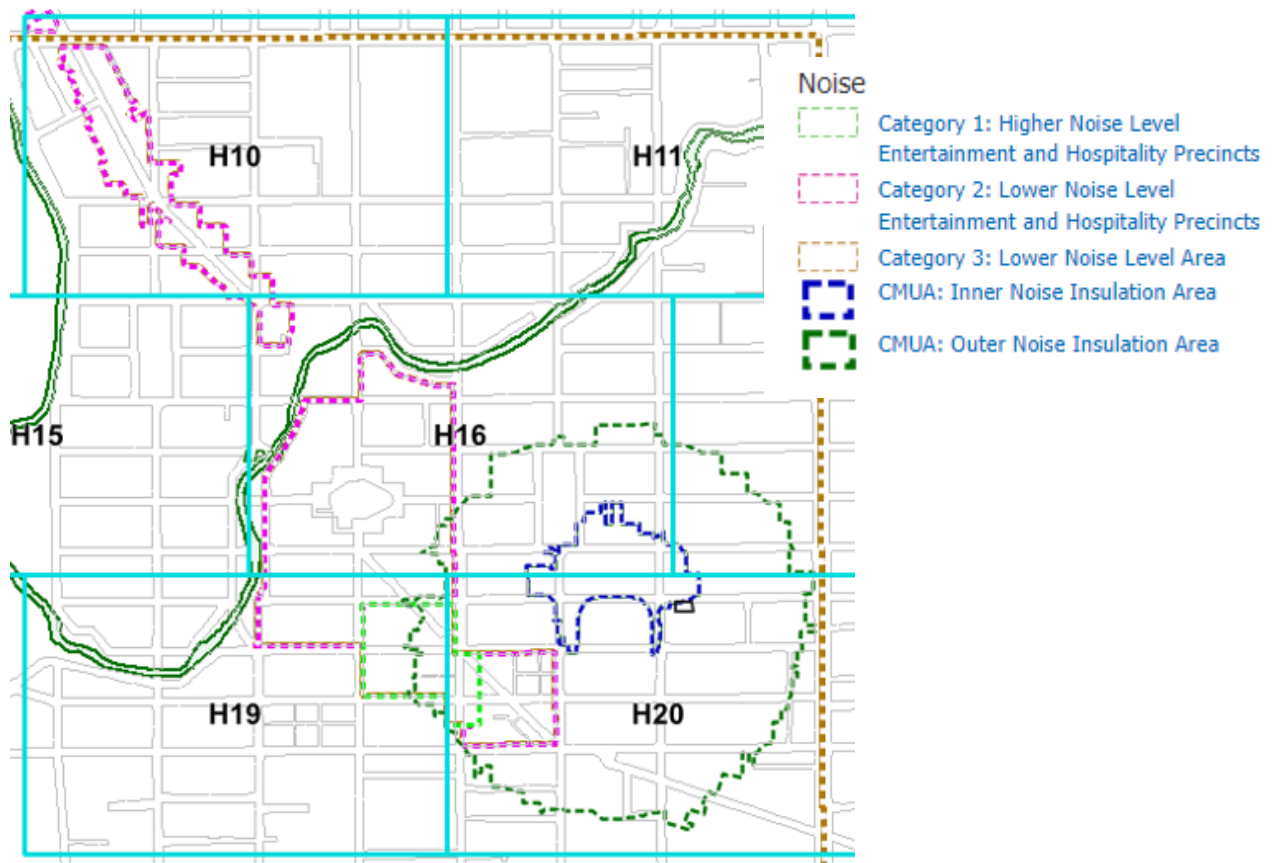


## Central City Live Music Venues – Noise and Mixed Use Neighbourhoods Attachment C – Noise rules - Limits & insulation requirements

Category	Location	Noise limits (dB) (at site receiving the noise)	
		LAEq	LAmx
Category 1	Higher Noise Level Entertainment and Hospitality Precincts The former SOL Square area and immediate environs.	60 (all day)	85 (7am – 3am) 75 (3am – 7am)
Category 2	Lower Noise Level Entertainment and Hospitality Precincts Includes Dux Central and Innovation Precinct areas. (Different rules for Victoria St area)	60 (7am – 1am) 50 (1am – 7am)	85 (7am – 1am) 75 (1am – 7am)
Category 3	Lower Noise Level Area - All other areas of the Central City	55 (7am – 11pm) 45 (11pm – 7am)	85 (7am – 11pm) 75 (11pm – 7am)
For comparison:	Residential zones <i>beyond</i> the Central City	40 (after 10pm)	65 (after 10pm)
	Petition request for entire Central City	70	140



## Insulation requirements for residential and other sensitive activities

Zone/ area*	Location	Noise reduction ( $D_{tr,2m,nT,w} + C_{tr}$ )
Category 2	Lower Noise Level Entertainment and Hospitality Precinct)	35 dB for bedrooms 30 dB for other habitable spaces
Category 3 adjoin Category 1	Lower Noise Level Area adjoining Higher Noise Level precinct	
Category 3 zoned residential within 75m of a Category 1 or 2 precinct Category 3 precinct zoned Commercial/ Mixed use	Lower Noise Level Areas within 75m of Entertainment and Hospitality Precincts, or zoned commercial	30 dB for bedrooms
<i>For comparison:</i>	Outer noise insulation area around Te Kaha	35 dB for bedrooms 30 dB for other habitable spaces
	Inner noise insulation area around Te Kaha	35 dB for bedrooms 35 dB for other habitable spaces
	Within 80m of a State Highway/ railway line	30 dB for any habitable spaces, OR
	Within 40m of major roads	Max indoor sound level of 40 dB $L_{Aeq}$ (24hr)
	Within a suburban commercial zone	35 dB for bedrooms

\* Note: no rules for insulation requirements in Category 1 areas as all residential and visitor accommodation activity is a full Discretionary Activity in this location.