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MEMO

Date: August 31, 2022

To: **Patrick Kallas**
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San José, CA

From: **Steve J. Deines**
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SUBJECT: Update to Noise Assessment Following Modification of 906 - 950 Monroe Street Mixed-Use Development Plans

The May 2021 Noise and Vibration Assessment of the 906 - 950 Monroe Street Mixed-Use Development assessed existing and future noise exposures at the site, permanent operational noise impacts, and temporary construction noise and vibration impacts. Recent changes to the project plans have revised proposed outdoor use areas to include new fourth- and fifth-floor outdoor terrace areas intended for use by residents. The changes to the project plans are not anticipated to affect CEQA impacts resulting from operational noise, construction noise, or construction vibration. Additionally, interior noise levels within residential units, residential community spaces, and commercial units are not anticipated to substantially change due to there being no change to the overall setback of building façades from roadways.

Future exterior noise levels at outdoor use areas were calculated using SoundPLAN 8.2, a three-dimensional noise modeling software that considers site geometry and the characteristics of noise sources. The model utilized traffic data from the study completed for the project by Hexagon Transportation Consultants, Inc. This model was updated to reflect the new plans including a two-foot perimeter wall located along the edge of the fourth-floor terrace and a three-foot perimeter wall located along the edge of the fifth-floor terrace. Additional modeled receivers were added in to the new fourth- and fifth-floor outdoor terraces. Table 1 below shows calculated noise levels at the terraces and the corresponding Santa Clara General Plan standards for residential outdoor use areas.

TABLE 1 Calculated Future Exterior Noise Levels at Outdoor Use Areas (dBA CNEL)

Location	Calculated Noise Level	General Plan Standard	Exceedance
Fourth-floor Terrace	52 to 55	55	No
Fifth-floor Terrace	48 to 55	55	No

As seen in Table 1, noise levels at the new outdoor use areas on the fourth and fifth floors would reach up to 55 dBA CNEL but would not exceed General Plan standards. No additional noise mitigation would be necessary as a result of the update to project plans.