

## EDWARD L. PACK ASSOCIATES. INC.

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January 6, 2020 Project No. 52-003

Ms. Annette Seaborn Coldwell Banker 410 North Santa Cruz Avenue Los Gatos, CA 95030

Subject:

Effects of the Recommended Noise Control Barrier at Lot 1 of the Proposed Single-Family Development at 18081 Saratoga - Los Gatos Road

in Monte Sereno on the Adjacent Agnelli Residence

Dear Ms. Seaborn:

As per our conversation, the noise control barrier along the rear lot line of Lot 1 of the proposed single-family development at 18081 Saratoga-Los Gatos Road in Monte Sereno recommended in the *Noise Assessment Study* for the project, will likely have a greater noise reduction benefit for the adjacent Agnelli property than increases in the noise levels due to sound reflections off of the barrier.

Vehicular noise from traffic in the westbound direction will be shielded as the vehicles approach the property and until the vehicles reach a point perpendicular to the Agnelli property. Traffic noise is loudest at its closest point. The noise reduction benefit (the amount of noise reduction) is dependent upon many factors and the data necessary to calculate the benefit is beyond the scope of this letter. However, barriers will usually reduce noise by at least 5 decibels.

Vehicular noise from vehicles traveling in the eastbound direction will not be reduced as the vehicles approach the property. Noise from eastbound vehicles would reflect off the barrier and back to the Agnelli property. The amount of sound reflection in these types of circumstances is on the order of slightly less than 1 decibel to up to 1.5 decibels. These reflective noise components are typically within the normal fluctuations and variations in normal traffic noise and are considered negligible.

When the two traffic directions are combined, the traffic noise levels directly off the roadway in front of the house are loudest and control the noise environment.

Overall, the net effect would be a slight, although barely noticeable, if at all, improvement in the noise environment.

If you have any questions, please contact me

Sincerely,

EDWARD L. PACK ASSOC., INC.

Jeffy K Rock

Jeffrey K. Pack President