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October 16, 2018

Rocky Flores, Principal
Encore Architects PLLC
1402 Third Avenue, Suite 1000
Seattle, WA 98101

Re: City of Redmond Noise Standards
LMC Marymoor

Dear Rocky,

This letter attests that A3 Acoustics has been hired as the acoustical consultant, and it is in our scope of work to conduct an environmental noise study to determine existing noise levels at the site from traffic including, but not to limited Redmond Way, NE 70th Street, and SR-520 and provide recommendations to ensure compliance with the City of Redmond Noise Standards shown on the next pages below.

If you have any questions regarding this letter, or need additional information, please do not hesitate to call.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'Mohamed Ait Allaoua', written in a cursive style.

Mohamed Ait Allaoua
Acoustician, Managing Partner

City of Redmond Noise Standards

20D.100.10-060 Restrictions on Residential Development Adjacent to Arterials.

- (1) This section applies to all new residential short plats, subdivisions, and multi-family projects (three or more units) proposed after December 24, 1998.
- (2) For all new residential short plats, subdivisions, and multi-family projects proposed within 100 feet of an arterial or state highway that has an existing or projected traffic volume of 20,000 or more average daily trips, the applicant shall include sound attenuation measures in the site design and/or the design and construction plans of the structure(s).
- (3) The applicant shall demonstrate that proposed measures provide sound attenuation and the methods go beyond standard building construction practices. Measures that reduce noise at the site, such as building location, design, berms, and barriers, to help mitigate outside noise exposure should be used whenever practical in preference to measures which only protect interior spaces. Noise walls, such as blank walls along the site perimeter, should be avoided and shall only be considered after all other mitigation measures are determined infeasible and impractical. The Technical Committee shall approve appropriate methods for reducing noise levels. (Ord. 2332; Ord. 2006)

20D.100.10-070 Arterial Improvement Requirements.

- (1) This section applies to arterial and state highway improvement projects in residential zones (Class A EDNA).
- (2) In residential zones (Class A EDNA), arterial and state highway improvement projects, not including the addition of walkways, bicycle lanes and minor widening (such as turn lanes), must include a noise analysis of the affected environment by a qualified noise consultant if:
 - (a) The existing or projected noise level exceeds 67 dBA peak noise hour Leq; or
 - (b) The projected exterior noise level as a result of the project is estimated to increase beyond 67 dBA peak noise hour Leq; or
 - (c) The exterior noise level is expected to increase by five dBA or more as a result of the project.
- (3) The point of exterior noise level measurement for purposes of this section will be five feet above existing grade anywhere along a parallel line 60 feet on either side of the arterial centerline.
- (4) Noise mitigation measures intended to reduce exterior noise levels to 67 dBA peak noise hour Leq or lower shall be determined by the Director of Public Works. Measures such as location, design, setbacks, earthen berms, landscaping and berm/wall barriers are preferable to the use of tall, linear, blank walls. Use of noise walls should be limited or avoided if other feasible measures are available. If noise walls are determined to be necessary, they should be located to maximize effectiveness and designed to avoid a long, linear, blank appearance. Noise walls should be limited to the lowest effective height, combined with earthen berms where feasible, screened by landscaping, modulated, and constructed with durable and decorative materials. If additional funding is necessary, the Director shall make a recommendation to the City Council. The criteria for evaluating noise mitigation measures are:

- (a) Whether reasonable noise mitigation measures are available which will reduce exterior noise levels by five dBA or more; and
 - (b) Whether the financial impacts of noise mitigation measures are not disproportionate to the overall cost of the arterial improvement project; and
 - (c) Whether benefited property owners contribute to the cost of mitigation, provided that this factor only applies if existing exterior noise levels exceed 67 dBA peak noise hour Leq; and
 - (d) Whether the benefited community is supportive of noise mitigation measures.
- (Ord. 2332; Ord. 2006)

If you have any questions regarding this letter, or need additional information, please do not hesitate to call.

Sincerely yours,



Mohamed Ait Allaoua
Acoustician, Managing Partner