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September 10, 2019 Project No. 15-1019

Mr. Manouch Moshayedi Mx3 Ventures, LLC 2429 West Coast Highway, Ste.205 Newport Beach, California 92663

Subject: Monitoring of Adjacent Buildings during Construction Proposed Mixed-Use Development 14<sup>th</sup> & Stevenson Streets San Francisco, California

Dear Mr. Moshayedi,

In our geotechnical report, dated May 9, 2016, for the proposed mixed-use development, we recommend the following:

The conditions of existing buildings within 25 feet of the site should be photographed and surveyed prior to the start of construction and monitored periodically during construction. In addition, prior to the start of excavation, the contractor should establish survey points on the shoring system, on the ground surface at critical locations behind the shoring, and on adjacent buildings. These survey points should be used to monitor the vertical and horizontal movements of the shoring and the ground behind the shoring throughout construction.

At the time we prepared our May 9, 2016 report, the project included one basement level, the construction of which would have required installation of shoring. The current design does not include a basement level for the proposed building and, therefore, the recommendations regarding the monitoring of the shoring do not apply; however, it is standard practice for most larger projects in San Francisco for a preconstruction photographic survey to be performed in buildings adjacent to construction sites to protect the construction and development team, as well as the owners of the adjacent buildings, in case there is a claim for construction-related damage. In addition to the preconstruction photographic survey, it is also standard practice to establish survey points on the buildings adjacent to the construction site so the vertical and horizontal movements of the adjacent buildings can be monitored throughout construction. Since the currently proposed project does not include a basement, monitoring would typically be performed weekly until the concrete foundation has been constructed and then monthly thereafter.



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We trust this letter presents the information required at this time. If you have any questions, please do not hesitate to call.

Sincerely yours, ROCKRIDGE GEOTECHNICAL, INC.

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Craig S. Shields, P.E., G.E. Principal Geotechnical Engineer

