



1 February 2022

Mr. Raul Velez
Vice President of Operations
Sutro Tower, Inc.
1 La Avanzada Street
San Francisco, CA 94131

Project 067199.11 – Condition Assessment of Sutro Tower 2018 and 2019 Inspections –
Completion of Corrective Actions

Dear Mr. Velez:

At your request, Simpson Gumpertz & Heger Inc. (SGH) provided oversight and engineering support for the tower condition assessment and repair work. Under the agreement with the City of San Francisco (the “Standard Conditions”), Sutro Tower Inc. (STI) retains independent inspection firms to perform annual inspections of one-third of the tower, consisting of one of the three legs, the mast above that leg, and the horizontal framing on one face, each year. In accordance with the inspection protocol, these inspections are typically rotated such that the entire tower is inspected over a three-year period.

On a five-year schedule, the inspection agreement calls for an in-depth inspection to identify problems which may not be readily detectable with a visual review in the annual inspection, such as evaluation of guy wire tension and inspection of welds of tower leg columns to their base plates.

STI retained Electronics Research Inc. (ERI) of Chandler, Indiana, to perform inspections in 2018 and 2019. The results of the 2018 inspections which encompassed Leg A (west leg), Stack A and the north-facing trusses, are addressed in ERI reports dated 13 April 2018 and 25 June 2018. We reviewed those reports and provided repair recommendations in a letter dated 13 August 2018. The results of the 2019 inspections, which encompassed Leg B and the east-facing trusses, are addressed in an ERI report dated 8 March 2019. We reviewed that report and provided repair recommendations in a letter dated 17 July 2019. Due to the ongoing structural work to complete the FCC-mandated frequency reconfiguration of the tower, completion of these non-urgent repairs was deferred until 2021. ERI documented the repair work in the following two summary reports:

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- Post-Maintenance Inspection Report (W Stack A, W Leg A & N Truss Levels 2-6), dated 29 September 2021.
- Post-Maintenance Inspection Report (SE Stack B, SE Leg B & E Truss levels 2-6), dated 29 September 2021.

We have reviewed the above ERI reports and find that our recommendations for the repair of the tower have been appropriately completed.

Sincerely yours,



Ronald O. Hamburger, S.E.
Senior Principal
CA License No. 2951

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