



September 10, 2021

To Mr. James Zaratini, General Manager & members of the Millennium Tower Association:

Ron Hamburger, the engineer of record for the foundation retrofit for 301 Mission, has informed the San Francisco Department of Building Inspection (DBI) that survey measurements have documented the cessation of the accelerated rate of building settlement associated with the installation of the piles for the retrofit. Attached is the monitoring report provided by Mr. Hamburger, in which the cessation of the accelerated rate of settlement is shown in Figure 019-06B (page 11 of the PDF). In the interest of all involved, please refrain from resuming construction until DBI and the City's Engineering Design Review Team (EDRT) have reviewed the updated construction approach for the pile and casings installation for the 301 Mission retrofit.

Mr. Hamburger has repeatedly assured DBI officials and advisors that, based on analyses conducted by his firm, the building settlement and tilt do not present a concern for the building's structural safety.

DBI and the EDRT agree with Mr. Hamburger's assessment that the building settlement does not present a structural concern and believe that Mr. Hamburger's hypothesis that construction activity was producing the accelerated rate of settlement was likely accurate. Upon first being informed of the accelerated rate of settlement, the EDRT and DBI engineers promptly reviewed the survey data and analyses provided by Mr. Hamburger and his design team. In their weekly meetings and regular email exchanges, the EDRT posed questions to Mr. Hamburger and the design team about the potential structural impact and possible causes of the accelerated rate of settlement. DBI and the EDRT supported the pauses on the retrofit work, which has apparently stopped the accelerated rate of settlement, and the continued monitoring is providing data to help establish the mechanisms that caused the accelerated settlement.

With the cessation of the accelerated rate of settlement, Mr. Hamburger and his team are now developing options for how the Millennium Tower Association can continue the retrofit work with the end goal of limiting building settlement and assuring its long-term stability. DBI and the EDRT will continue to review and provide feedback on Mr. Hamburger's analysis and planning for an updated construction approach to ensure that the building remains safe for the occupants and compliant with the San Francisco Building Code.

Thank you,

Patrick O'Riordan  
Interim Director  
San Francisco Department of Building Inspection