



September 11, 2022

City of Carmel - Community Planning and Building

City Hall – Monte Verde Street between Ocean & 7<sup>th</sup> Avenue, Carmel, CA 93923

O| 831.620.2010

F| 831.620.2014

Attention: Building Official

Re: **2022-223 Clausen; Dolores Street, 5 NW of 2<sup>nd</sup> Avenue, Carmel, CA**

Structural Engineer Observation and Recommendation Letter

Christian Lee for Structural - E, Inc. has completed an on-site structural Chimney Inspection on August 30, 2022.

### Conclusions and Recommendations

This is a limited inspection based on visible evidence readily available during the inspection. The Engineer will use his skill and judgment to provide an informative and unbiased professional opinion, no inspection can reveal every detail of a structure of interest. The verbal and written observations are not guarantees or warranties of the condition of the buildings or grounds.

To Whom It May Concern:

My services were retained to provide a structural perspective and recommendations to the existing fire box and chimney as an attached element to a SFD.

Based on my professional experiences, the fire box and chimney is a non-seismic conforming build-up of standard red brick and Carmel stone assembly, stacked together with cement mortar. Any integration of steel reinforcing is in all probability absent.

It is my opinion that the potential for a negative outcome from a seismic event where life, safety and over-all structural liability outweigh the historic preservation needs. I recommend a full demolition and a complete rebuild with a current code compliant fire place.

Sincerely,



Christian K. Lee, PE, EoR