



Date: March 14, 2022
To: Andrew Phillips (andrew@ctabuilds.com)
From: Daniel Buker
Re: Mangini-Zaborowski Residence

The following are our responses to the structural plan review comments:

Sheet A2:

- **Comment - The deck shown here as existing was submitted under expired permit 1406-251. No final inspection was called. Please include the framing plans for the deck (in its current configuration if it differs from that shown or 1406-251) and any calculations to support the design for 60 psf live load required by the 2018 residential code.**

Response – The existing deck has been added to the structural plans, and supporting structural calculations are included in the calculation set dated March 14, 2022.

Sheet S2.0:

- **Comment - 2/S3.2 not found. Please provide post base detail here and at each other post at the ends of this beam line 2.**

Response - Post base detail callout has been revised to 2/S3.1.

Sheet S2.1:

- **Comment - Show posts and sizes on each level (here and at garage separation wall).**

Response – Posts and their respective sizes have been added to the structural plans.

Sheet S2.2:

- **Comment - Structural calculations provided are titled Mangini-Zaborowski, but the pages behind the cover sheet are noted as “Wilson-Fashana deck” and do not correlate to this design. Please provide the correct calculation packet for building review (structural review deferred to sub2).**

Response - Structural calculations have been corrected to show the design of the Mangini-Zaborowski residence. The current calculation set is dated March 14, 2022.

Sheet S1:

- **Comment - There are four shear walls on this plan which do not appear on the elevations for the deck cover shown on B/A5 and C/A5. Please clarify what was actually built and substantiate with calculations and details if it deviates from these 2014 drawings.**

Response – The existing deck cover will be demolished from the project site, and thus has been removed from the drawings.

- **Comment - Lateral calculations submitted for the deck cover use the existing structure for 50% of the lateral capacity in the E-W direction. Include this demand on the existing structure in the scope of work and verify the existing capacity or upgrade existing walls as necessary.**

Response – The existing deck cover will be demolished from the project site, and thus has been removed from the drawings.

Sincerely,

Handwritten signature of Casey Held in blue ink.

Casey Held, PE

Handwritten signature of Daniel Buker in blue ink.

Daniel Buker, PE, SE, LEED AP