

May 27, 2020

William Rangitsch
Steamboat Architectural Associates
345 Lincoln Avenue Suite 200
Steamboat Springs CO 80487

Re: Weyand Residence – Foundation Changes
27270 RCR 14
Oak Creek, Colorado

Bill,

This letter is in regards to the foundation changes for the Weyand Residence Remodel located at the above mentioned address. Alpenglow Engineering Solutions (AES) job # is 19-050 and the structural drawings are dated 2/28/20.

- It is acceptable to use ICF forms for the conventional 8" wall specified on the drawings, the contractor is responsible for coordinating any alignment issues to make sure the framed wall is bearing on the concrete wall.
- The deck pier was detailed using a helical screw pile (HPC-15) and it is acceptable to use a conventional spread footing instead. The footing supporting the pier should be a minimum of 4'-0" below finished grade and should be 1'-4"x1'-4"x1'-0" thick or 20" Bigfoot Footing (BF20).
- I have reviewed then pictures provided to AES at the foundation tie in at the garage and it appears the garage foundation was poured monolithically and is supported by concrete piers. The pictures show a footing adjacent to the existing garage wall 4'-0" below grade and it is my assumption a new one-sided concrete wall is to be poured against the existing foundation. It is acceptable to pour the new footings and foundation walls as in the current configuration.

This letter is based on pictures of the specific referenced location. No calculations or structural analysis other than those noted above were performed as part of our evaluation of the structural systems of the building. No warranties are expressed or implied and in no manner does this report constitute any form of guarantee against existing or future structural, cosmetic or other damages. Our conclusions and suggestions are professional opinions and any changes from the observed condition of the referenced property may result in changes to our conclusions and suggestions.

Sincerely,



Benjamin Schutt
CO. P.E. #40325