

Tuesday March 29, 2016

Weber County
Building Inspection Dept.
2380 Washington Blvd
Ogden, UT 84401

RE: FALCONE RESIDENCE- STRUCTURAL PLAN RESPONSES FOR SECOND REVIEW

Dear Building Official,

The following items are in response to the structural review comments from Kimball Engineering for the Falcone residence at 7947 East Heartwood Dr.

S1. The frequencies for all items have been provided and instructions have been provided for needed items. The other items do not require any additional instructions.

S3. Detail 8/S3.2 has been updated to show end wall blocking. No end wall blocking is required on the main level, the exterior wall attaches directly to the foundation wall.

S5. B. The reinforcement for the 18" wall is specified in two locations. The first location is in the foundation wall schedule and the second location is in detail 6 on S3.4, see key notes 1-4. The reinforcing is specified this way because part of the wall acts as a stem wall and other part of the acts as a support for the concrete hot tub structure. The combined reinforcing specified for this wall is sufficient for the required design loads.

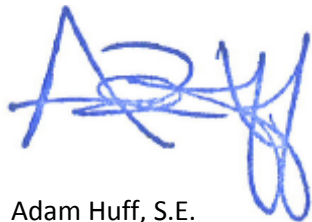
S6. B. The collector and drag elements have been provided, see 3/S3.4. The top cord of the wall is the collector element. The force around openings is transferred back into the diaphragm and to the lateral force resisting system.

S9. A. Shotcrete notes provided on sheet S0.1

S14. The design forces on cords, collectors and their connections have been increased as required by ASCE 7-10 12.3.3.4.

I can be reached at 435-654-6600 extension 123 with any questions.

Respectfully,



Adam Huff, S.E.

Epic Engineering, P.C.

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