

Re: City Plan Review Comments for Building Code Conformance - Permit 2012-199 Merlino Residence

6 messages

Dan Brobst <dan@brobstdesignworks.com>

Thu, Jun 3, 2021 at 2:33 PM

To: Jcmerlino <JCMerlino@comcast.net>, "rbe1992 (rbe1992@gmail.com)" <rbe1992@gmail.com>

Cc: John Merlino <john.merlino@centurycommunities.com>

Ross - this is the hot one for the Merlino's that I told you about on the phone. I bubbled the added structure under the bearing wall that is the wall between the laundry and mudroom, up the master door. I also added the blocking under the perpendicular shear wall and called out detail L. Don Cole also had a comment about the Kzt value, item 1. Can you jump on this one?

Thank you!

These are the comments from Don Cole.

REPLY:

Page 2 comment - Don Cole

- 1. Provide calculations and supporting documentation from the structural engineer to justify the Kzt of 1.3 used within the lateral calculations. Note the city wind map indicates Kzt of 1.6 in this area. Note - No justification is needed if Kzt 1.6 or greater is utilized.

PLEASE SEE CALCS W/ $K_z = 1.6$ PROVIDED, NO CHANGE TO THE DESIGN AS QUAKE GOVERNS.

Page 7 comment - Don Cole

- 1. Provide calculations and supporting documentation from the structural engineer to justify the Kzt of 1.3 used within the lateral calculations. Note the city wind map indicates Kzt of 1.6 in this area. Note - No justification is needed if Kzt 1.6 or greater is utilized.

- 2. Show blocking between joists beneath bearing wall above and provide calculations to show adequacy of joists to support tributary roof, wall, upper floor and lower floor loads.

THANKS FOR THE CORRECTION, PLEASE SEE CALCS PROVIDED

THANKS MR. DAN.

ROSS, 6/9/21
RBE

Merlino for RB check 6-3-2021.pdf 2467K

RB Engineers <rbe1992@gmail.com>

Thu, Jun 3, 2021 at 4:01 PM

To: Dan Brobst <dan@brobstdesignworks.com>

Cc: Jcmerlino <JCMerlino@comcast.net>, John Merlino <john.merlino@centurycommunities.com>

Mr. Dan I need the detail s and notes also, please

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