

DEL CARLO ENGINEERING

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MEMO RE: 3949 Stony Point Residence, BLD 17-585 | # 5852
Plan Check

March 21, 2023

James Rasmussen Architect
170 Golf Course Drive #141
Rohnert Park, CA 94928

Job #: 23.0039

Per your request I have reviewed the plan check comments from Sonoma County PRMD that you provided dated 5/2/22.

In lieu of addressing individual items, I have provided calculations and revisions to plans for the vertical and lateral load resisting systems. Please see attached calculations and revised plans in this regard. In particular I have provided numerous redundant LFRD elements along each force line such that large drag loads are eliminated.

Please also note that the original design along line E utilized stacked Simpson SSW panels. The proposed condition is not in compliance with those plans (basically one stacked set of 24" panels was substituted with stacked 12" panels). I have contacted Simpson to determine if this condition can be salvaged to accommodate the demand. It will take time to figure this out so in case they will not work I have provided and alternate site-built shear wall system. My hope is that the submittal can be approved so work can continue while I work out a solution for this force line.

Please call me with any questions you may have.

Thank you,

Daniel Del Carlo, PE #65118

