



April 23, 2022

Walker Custom Homes, LLC
Attn: Ryan Hamilton and Jason Walker

Re: 2812 Hearthstone Place, Lee's Summit, MO (Lot 53)

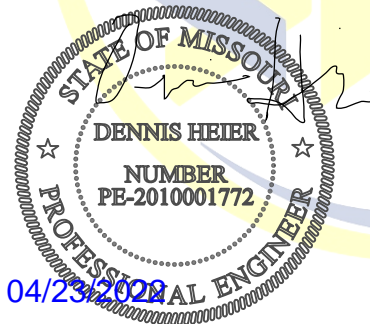
Vista Structural Engineering, LLC, was asked to address the following city rough-in inspection comments for the house being built at 2812 Hearthstone Place, in Lee's Summit, MO:

- **See detail 10/S3.2 to left of slider.** *Detail 10/S3.2 refers to a method of tying the deck cover beam to the house. An alternative to this detail is to provide a connection to an adjacent king stud that keeps the beam from pulling away from the house. This has been noted and sketched on the following two pages. The adjacent king stud should be fastened to the deck cover beam with (8) 16d nails.*
- **Address rafters to top plate in master bedroom.** *To create a continuous load path from the rafter to the wall top plate, the wall top plate shall be connected to the ceiling joists with Simpson SDWC15600 screws and the ceiling joists shall be fastened to the rafters with 7/16" plywood strips nailed to each with (2) 8d nails. A detail and a sketch of this can be found in the following pages of this report.*

Our firm appreciates the opportunity to serve you. If you have any questions or if you need anything further, please feel free to contact us.

Sincerely,
Vista Structural Engineering, LLC

Dennis Heier, P.E.

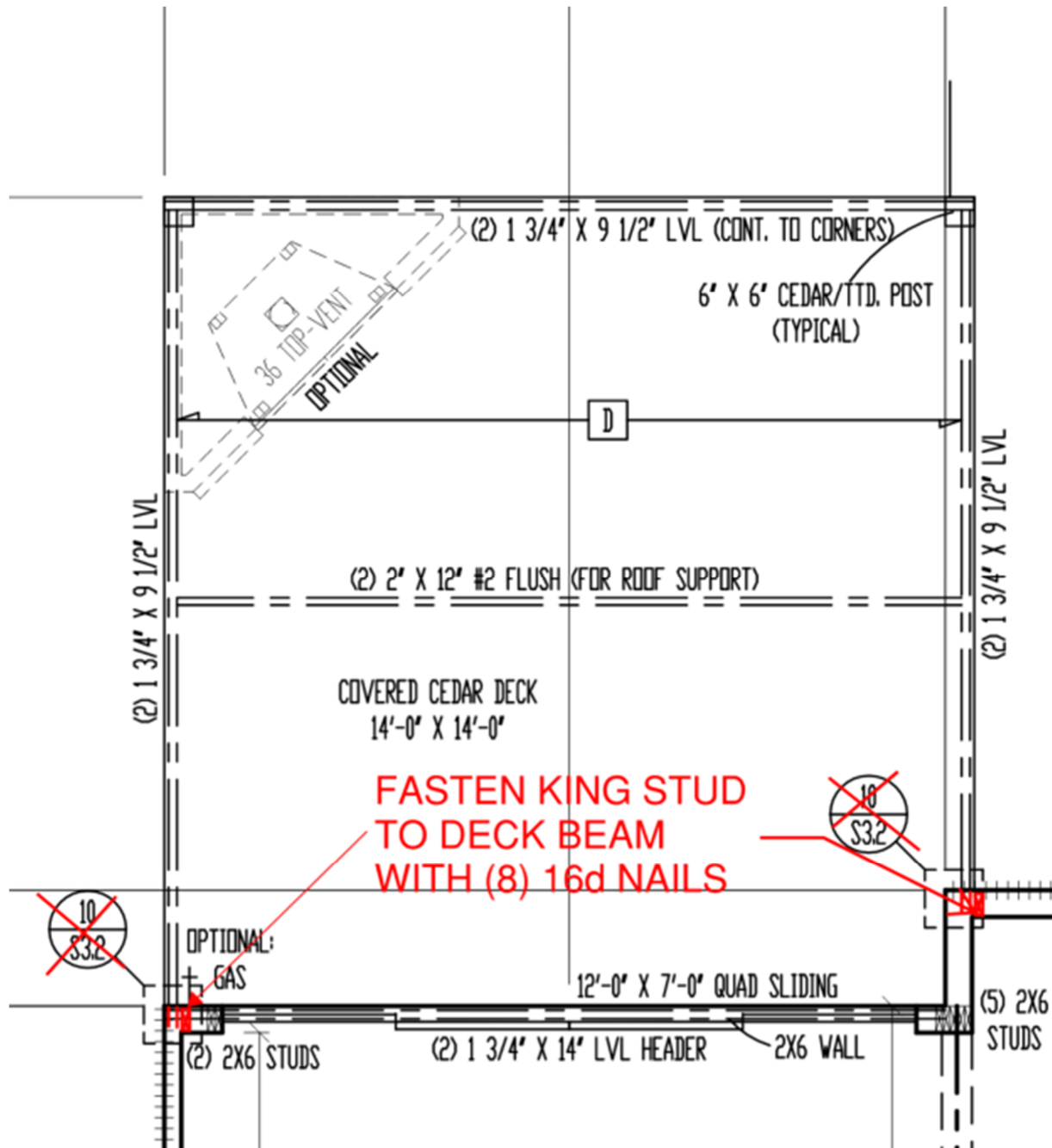


VISTA STRUCTURAL ENGINEERING, LLC

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2812 Hearthstone Place – Partial Main Floor plan

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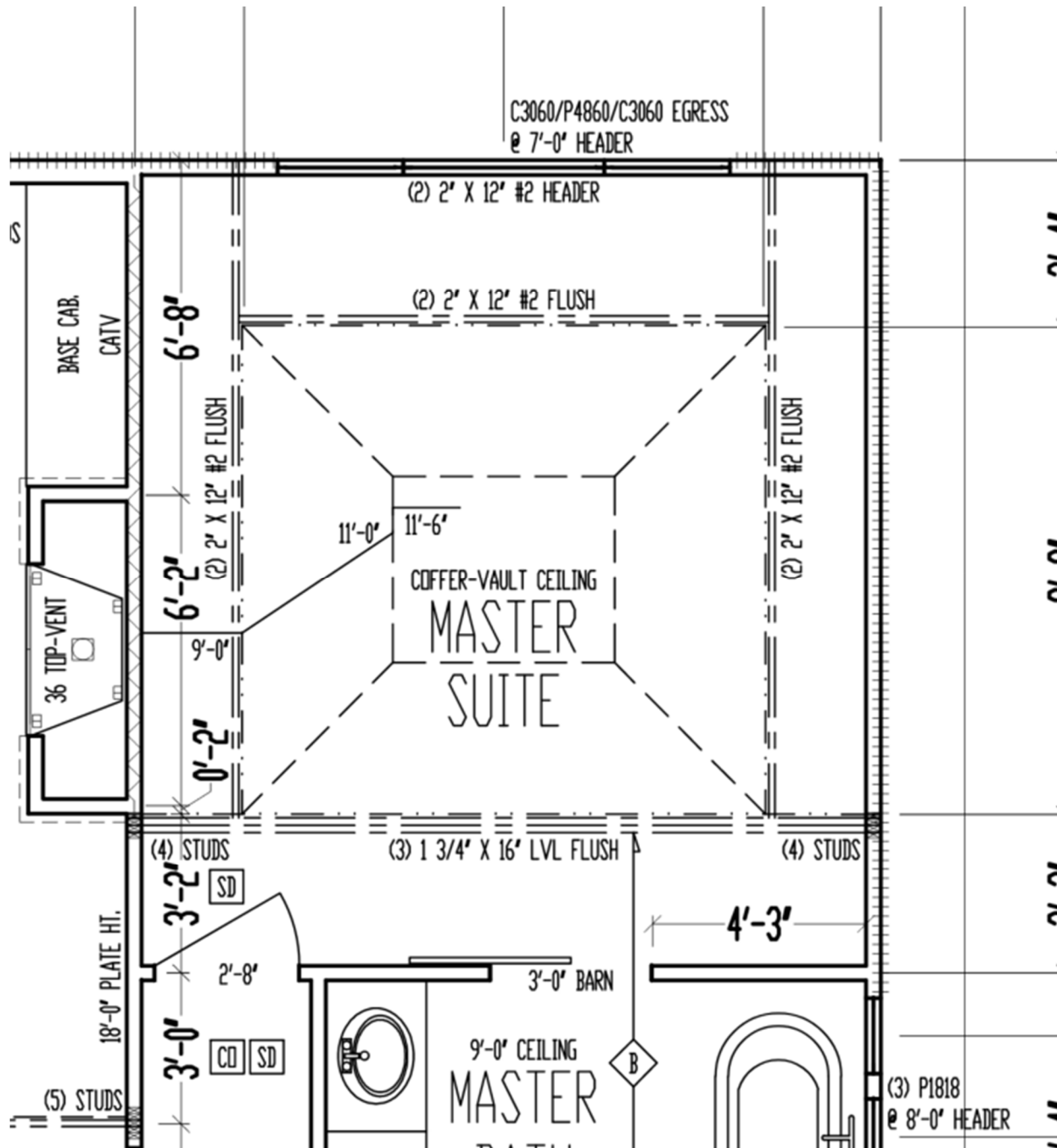


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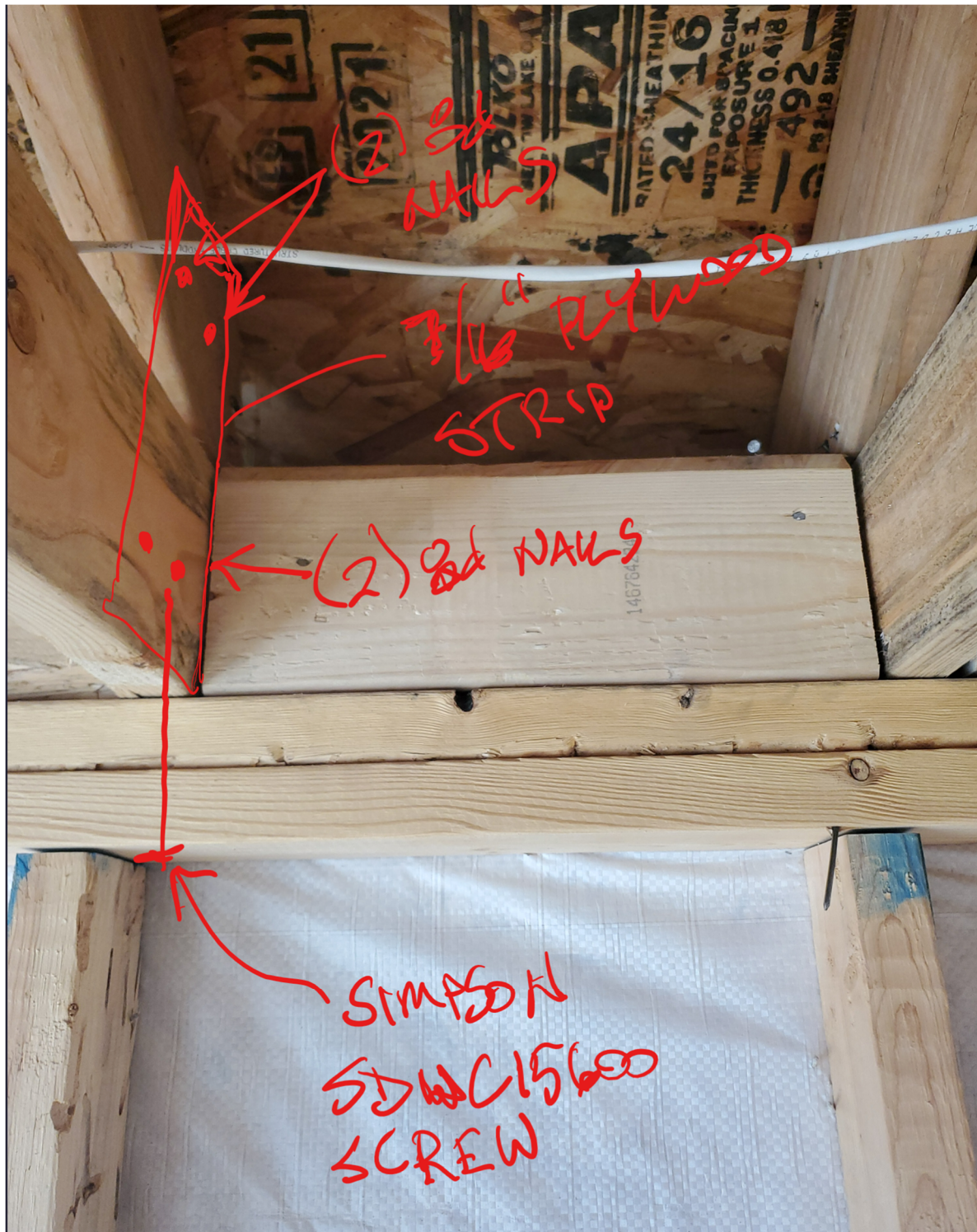


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PROJ:

2812 HEARTHSTONE DR.

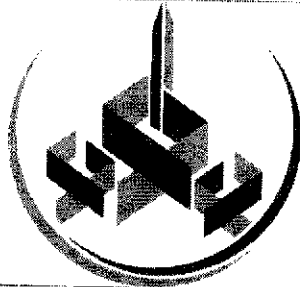
DATE:

4/23/2022

PROJ #:

ENGR:

DMH



VISTA
—STRUCTURAL—
ENGINEERING, LLC

CEILING JOIST AND RAFTER CONNECTION AT MASTER BEDROOM

