



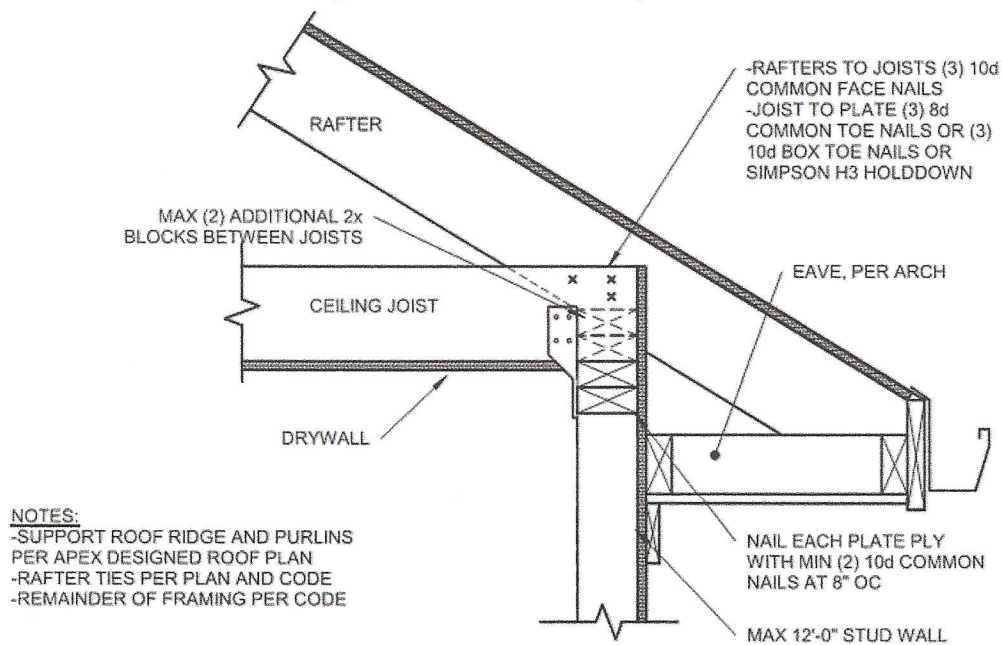
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KC Custom Homes

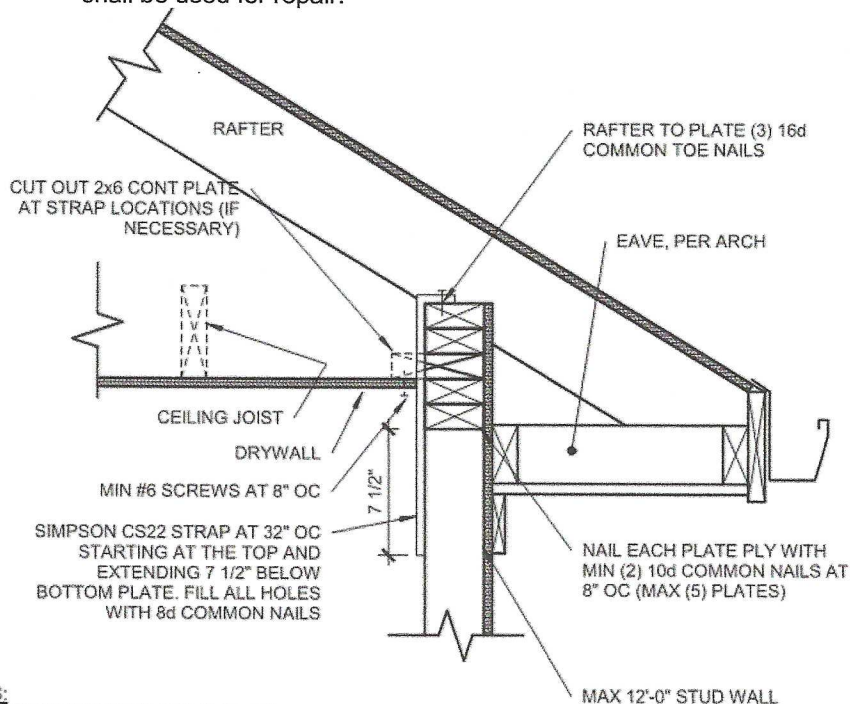
Re: 2075 NW Obrien Rd
Lot 178, Woodside Ridge
Lee's Summit, MO

Apex Engineers Inc. observed the house under construction at the above-referenced address. Our firm has been retained to address framing discrepancy items for the builder (KC Custom Homes). For the purposes of this report, the house will be referred to as facing north.

1. Have engineer address rafters landing on blocks and not connected to ceiling joists.
 - Where rafters bear on **discontinuous blocks** on top of the double top plate, the following detail shall be used for repair:



- Where rafters bear on **continuous built-up top plates**, the following detail shall be used for repair:



NOTES:

- SUPPORT ROOF RIDGE AND PURLINS PER APEX DESIGNED ROOF PLAN
- RAFTER TIES PER PLAN AND CODE
- REMAINDER OF FRAMING PER CODE

- Provide Simpson LTTP2 straps at deck per plan
 - Simpson LTTP2 shall be installed per plans or substituted with Simpson DTT1Z.
- Rafters over notched at ridge beam in great room
 - (2) Simpson L50 angles or (1) Simpson LSSR26 joist hanger shall be installed at each rafter
- Support end joists at deck
 - Deck joist shall be fastened to deck ledger with (1) Simpson L90 angle clip
 - Deck ledger shall have min (2) 3" Fastenmaster Ledgerloks at the connection location.
- Provide (2) 1/2" through bolts at post-to-beam connection.
 - (2) 1/2" through bolts or (2) 5" Ledgerloks shall be installed above and below post splice.

Contingent upon the repairs outline above, our firm recommends approval of these items. Please call if our firm can of further assistance.

LIMITATIONS

The scope of our services includes only those items specifically addressed herein. All other items are outside the scope of this inspection; including any environmental assessment (such as but not limited to mold, mildew, or the presence of any other toxic substance or environmental risks).



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In addition, the scope of our services does not include any evaluation of the building or site for job-site safety and/or hazardous conditions. All construction shall be performed in compliance with IRC and OSHA standards at all times. Our firm has not been retained to examine the site or building for any of these conditions. In addition, the contractor shall retain sole responsibility for the quality of work, for adhering to plans, specifications, appropriate codes, and, for repairing defects, deficiencies or omissions, regardless of when they are found. By the use of this report, it is understood the above conditions are agreed to.

Best Regards,
Apex Engineers, Inc.

A handwritten signature in black ink, reading 'Nick A. Shifflett'.

Nick A. Shifflett, E.I.T.
Field Engineer

Clayton J. Hess, P.E.
Principal

