



CITY OF SAINT PAUL
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650 Oakdale Avenue

Details: On 10/17/14 Fire inspector Sean Westenhoffer requested a building inspector to visit the aforementioned address to verify if the deck structure had any building code violations.

Building type: IBC R-2 Apartment house (3 living units)

Construction type: VB

Area of concern; 2nd story east facing deck that provides required fire exit for 2 living units

Specific concerns;

- 6 posts supporting stairs, stair landing and northeast upper deck corner are installed on top of an existing floating slab with no mechanical connection at the base. Slab appears to have been sinking causing 4 posts supporting stairs to be out of plumb.
- Single ply 2 x 8 beams nailed to the sides of posts requires 1 ½" bearing or carriage bolted connection.
- Screws used for fasteners in many joist hangers not allowed per manufacturer (no shear value).
- 5 roof support posts sit on top of floor decking only.
- Roof rafters are undersized for spans and roof sheathing is rotted out in several areas. Structure does not appear capable of supporting a snow load.
- All roof framing connections are not sufficiently nailed.
- 3 posts installed for roof supports not continuous with blocking installed on top.

Isaac Stensland
Building Inspector