

DN² Design

N6748 South Lane
Johnson Creek, WI 53038
Phone: (608) 574-6214

September 1, 2026

Property Owner
2025 S 76th St.
West Allis, WI

Project: Garage Evaluation

Dear Property Owner,

I performed a structural investigation of the building at 2025 S 76th St, West Allis, WI on August 28, 2026. The scope of work focused on the existing condition of the garage.

The garage is constructed of 2x4 rafters in a hip roof on 2x4 wall studs. There are (2) garage rafters that are cracked/broken. I recommend sistering the broken rafter with a new 2x6. Attach the 2x6 to the existing with (2) 10d nails or #9 screws at 16" o.c. The new 2x6 will be continuous from top to bottom.

The garage is racked from North-South. The Walls have approximately 3" lean. The walls are 2x4 walls studs on a concrete curb. I recommend replacing the foundation for these walls. The new foundation will have a 24" x8" thick footing below the slab elevation. On top of the foundation will be 8" cmu block or 8" concrete curb. Attach the curb to the foundation with #4 hooked rebar at 16" o.c.

Any alterations to the design or alternatives must be reviewed by DN Squared Design before construction. If you have any questions, please feel free to contact me at any time.

Respectfully Submitted,

Brian J. Norby, P.E.
WI License # 44350