

June 29, 2020

City of Bexley
Architectural Review Board
2242 East Main Street
Bexley, Ohio 43209

Subject: Merkle Residence Fire Damage

To Whom It May Concern:

A site visit was conducted on June 23, 2020 at 189 N. Merkle Road by Brett Kramer. Visual inspections were performed to assess fire damage of the building and building systems. The following is a summary of the observed damage:

Fire Damage Observations

The fire was caused by a falling tree hitting the power lines feeding the single-family home. The fire appeared to have originated at the electrical outlet serving the stove. Most of the fire activity was in the kitchen and ceiling above. The electric above kitchen ceiling was damaged as well as the wood joists and roof framing above. Smoke damage was observed throughout the home.

Additionally, there was water damage in the basement due to the power being out to the sump pump after the fire. There appeared to be several feet of water in the basement during the time of the flood.

Rebuilding would require demolition, rehab, and new work to the structural, mechanical, and electrical systems. This would include the replacement of wood joists, roof framing, and roofing materials on the main level, repairing/replacing the electrical system, and testing/repairing the HVAC system where contaminated and damaged. Due to smoke, water damage, mold, and odor build-up there would also be extensive work to replace many of the finishes throughout the house including water-damaged sheetwork, smoke stains, and soot residue in various areas of the house.

If any questions on the information presented above, please call.

Sincerely,

Brett Kramer, PE 81783
Kramer Engineers

Photos Taken June 23, 2020 By Brett Kramer



Figure 1. Kitchen Stove Area Fire Damage



Figure 2. Kitchen Fire Damaged Roof Trusses



Figure 3. Kitchen Fire Damaged Roof Trusses



Figure 4. Kitchen Fire Damaged Roof Trusses