



Structural Inspection

July 28, 2025

Hailey Florane
1569 Susan Lane
Slidell, La. 70458

Construction:

One-story, wood frame, composition shingle roof on a CMU pier and beam foundation.

Scope:

This inspection is limited to a visual inspection of the interior of the home; No Inspection of the mechanical or electrical systems was performed. This report is as outlined by the National Academy of Building Inspection Engineers and is not an explanation of cause, effect, or engineering.

History:

Dammon Engineering was contacted to request a structural inspection of the home due to a large tree that fell onto the roof of the home during a storm on March 15th 2024.

An inspection was performed by the insurance company and in addition to that report, the items noted below need to be replaced as well.

Findings:

Upon inspection of the home, in the attic, the ridge beam for the roof that spans North and South is cracked and racked with the roof rafters pulling away from the ridge beam itself. The ridge beam running East and West that is tied into the ridge beam running North and South is cracked as well. This force transferred vertically down to the CMU pier and beam causing structural damage to the floor joist and cracked it and racked the beam. All the damaged materials are still in place.

Conclusion:

Due to the force of the impact from the tree falling on the roof, it has created severe damage to the structure as noted above.

This inspection is limited to the apparent visual conditions of the structural components of this building. It does not cover, nor attempts to cover, any components, items, and/or conditions which, by their nature or location, are concealed or are difficult or hazardous to inspect, or which require the moving of furniture, flooring materials, rugs, fixtures, appliances, or any component-part nailed, bolted, or screwed down or shut. No opinions are expressed regarding conditions which could be discovered only by the disassembly of any component parts, special testing, or removal of any concealing objects.

Inspections are made under normal weather conditions, and are not opinions of the conditions of the property and/or structure which may exist under unusual weather conditions, such as, but not limited to floods, heavy rains or snows, high winds, temperature extremes, or any act of God. Specific hazardous wastes, toxic substances, toxic mold, air and water quality, communicable diseases, asbestos, soil, environmental, radon, carbon monoxide, formaldehyde, building code and termite conditions are not included in this report unless otherwise stipulated.

This report is not a warranty or guarantee of the property inspected, but it is our opinion of its condition at the time inspected. Our liability shall be limited to reimbursement of the total cost of inspection.

Items to be replaced:

Replace beam supporting floor joist

Replace floor joist

Level house in this area

Replace cracked ridge beams in attic

Replace cracked and racked roof rafters

Replace sheetrock in two closets

Replace subflooring in kitchen

Replace sheetrock ceiling in kitchen

Replace flooring in kitchen

Replace tub surround in hall bathroom

Multiple sheetrock repairs are needed throughout the house after leveling and framing are complete

Sincerely,

Brian Mistich, P.E.

Pictures attached

This inspection is limited to the apparent visual conditions of the structural components of this building. It does not cover, nor attempts to cover, any components, items, and/or conditions which, by their nature or location, are concealed or are difficult or hazardous to inspect, or which require the moving of furniture, flooring materials, rugs, fixtures, appliances, or any component-part nailed, bolted, or screwed down or shut. No opinions are expressed regarding conditions which could be discovered only by the disassembly of any component parts, special testing, or removal of any concealing objects.

Inspections are made under normal weather conditions, and are not opinions of the conditions of the property and/or structure which may exist under unusual weather conditions, such as, but not limited to floods, heavy rains or snows, high winds, temperature extremes, or any act of God. Specific hazardous wastes, toxic substances, toxic mold, air and water quality, communicable diseases, asbestos, soil, environmental, radon, carbon monoxide, formaldehyde, building code and termite conditions are not included in this report unless otherwise stipulated.

This report is not a warranty or guarantee of the property inspected, but it is our opinion of its condition at the time inspected. Our liability shall be limited to reimbursement of the total cost of inspection.



Floor joist cracked and beam racked



Floor joist cracked and beam racked

Ridge beam cracked and twisted pulling from roof rafter





Ridge beam cracked running East and West



Ridge beam cracked running North and South



Cracked ridge beam running North and South



Cracked Ridge beam running North and South