



## Structural Inspection

December 21, 2021

Tim and Marry McCubbin  
186 Ravensaide Drive  
Houma, La. 70360

### Construction:

One-story, wood frame, brick and vinyl façade, composition shingle roof on a conventional foundation.

### Scope:

This inspection is limited to a visual inspection of the exterior and 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 damage of the exterior brick façade after the home was hit during hurricane Ida on 08-29-2021. Ida's eyewall past through Houma with winds reaching 150 mph and classified as a Category 4 hurricane.

### Findings:

Upon a visual inspection of the home, the exterior brick façade is loose when pressing on it, it moves back and forth and the vinyl soffit squeaks due to the movement of the bricks rubbing against it. The rear vinyl siding suffered the same wind damage. Several shingles are missing on the roof and the chimney was blown off.

The interior of the home was noted to have sheetrock seams coming loose in the ceilings and water damage in certain areas.

### Conclusion:

Due to the force of the high winds it has weakened the brick ties that keep the brick façade in place and secured to the wood studs. This holds true for the rear vinyl siding facade.

Sincerely,

*Brian Mistich*

Brian Mistich, P.E.



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.