



## Structural Inspection

May 24, 2022

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2800 Gause Blvd.  
Slidell, La. 70461

### Construction:

Two-story, wood frame, brick veneer, with a composition shingle roof on a conventional foundation.

### Scope:

This inspection is limited to a visual inspection of the shell of the building. 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 referenced building due to a recent insurance inspection that noted some cracks in the rear brick veneer wall.

### Findings:

An overall visual inspection of the exterior of the building was conducted and a couple items were noted.

- 1) There are some bricks that have cracked mortar around them horizontally and vertically; the cracks in the brick veneer do not show up in the foundation.
- 2) Two down spouts at the corners of the bldg are not lined up to flow onto the backsplash blocks.

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.

Conclusion:

It is important to note that all foundations settle. Usually, everything settles together and the fastest rate of settlement occurs in the first year after construction. By the fifth or sixth year the settlement has exponentially slowed to where there is little danger that something will happen unless caused by weather, expansion & contraction, tree roots, improper drainage, etc.

Recommendation:

The cracks in the brick veneer do not appear to have compromised the structural integrity of the building. It is my opinion that the structural integrity of this building is currently sound, but the foundation will expand and contract with the ground movement and any standing water.

Items to be addressed are as follows:

- 1) Seal the cracks in the brick veneer with a non-shrinking grout, to prevent insects from entering the building.
- 2) Align downspouts on back of building to flow onto the backsplashes provided.

Sincerely,

*Brian Mistich*

Brian Mistich, P.E.



Pictures attached

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A photograph of a brick wall with a red arrow pointing to a crack in the mortar and a text box labeled "Mortar cracked". The wall is made of light-colored bricks with dark mortar. A red arrow points from a text box to a crack in the mortar between two bricks. The text box is white with a red border and contains the text "Mortar cracked".

Mortar cracked

Mortar Cracked



Space between  
downspout and  
splashblock

