

Advanced Structural Assessment



Prepared for: Mrs. Report Sample

Date: 6/22/23

Prepared by: ASA Engineering Group, LLC, 13017 Wisteria Dr. #410, Germantown MD 20874, Office: 301-916-6030

Property Address: 2023 Sample Street, Sample, Maryland

Attachments: Advanced Structural Assessment Data Sheet

The following structural opinion is provided in accordance with generally accepted engineering practices. The opinion is based on a review of the attached Advanced Structural Assessment Data Sheet, associated photos/video, and if applicable, discussions with the ASA certified inspector. Any repair recommendations, if provided, are for reference only and shall not be used as a construction document. Should new information about the structural condition of the subject property become available, we reserve the right to supplement or amend our findings. All terms and conditions set forth in the agreement are incorporated herein. No warranty, express or implied is made.

Should structural repairs be deemed necessary, repairs should be performed by licensed and experienced contractors and performed in accordance with applicable building codes, standards, and permit requirements. Typically, when structural repairs are needed, oversight is provided by a licensed professional engineer.

Structural Findings:

Based on a review of the provided data, conditions indicate a moderate structural defect to the floor framing at the kitchen. The amount of movement (about 1 1/2" floor differential) is of moderate concern. Other areas of the structure appear to be sound.

Structural Recommendations:

We recommend monitoring floor conditions for changes such as increased floor movement or cracks to finishes in the area. If conditions change, further investigation is recommended. Although there is no indication that structural repairs are warranted at the present time, a possible future repair scenario would be reinforcing the joists at the area of floor settlement, such as by sistering of joists or similar.

Possible Repair Scenarios:

Reinforce floor joists at kitchen.

Kind Regards,

A handwritten signature in blue ink that reads 'Greg Kemp'.

Greg Kemp, PE



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 200496, Expiration Date: 9/3/23.

Structural Engineering Report Example

Jianjun Gao



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the Concrete Institute ,1925 Building and Engineering News ,1923 **Engineering News-record** ,1921
Canadian Engineer ,1910 **Engineering and Contracting** ,1926 Engineering News ,1903 Mechanical
World ,1929 **SEAW Commentary on Wind Code Provisions: Example problems** ,2004 *The Insurance Press* ,1924
Engineering News and American Contract Journal ,1918 The Surveyor and Municipal and County Engineer ,1913

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