

6/26/2026



Client: Client Doe

123 Main St, Your City, Your State, 123456

Engineer: Philip W. Bullock Jr., M.E., M.B.A., P.E. (Your State)

ABCD #12345

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Elevation Plot and Mesh Contour Drawings

Report V1.0

On 6/1/2026, elevation points were captured as part of the property inspection located at address 123 Main St, Your City, Your State, 12345, which consists of a 1234 square-foot single family attached structure built in 2021 (5 years old) with a concrete stem wall skirt foundation.

1.0 - Observations and Conclusion

An elevation plot determines the relative elevations of the structure comparative to a base elevation of zero (0.0) at a chosen and documented location in the structure. Foundation deficiencies are typically judged based on the following generally accepted criteria:

- The elevation deflection across an entire structure should remain within 0.5 to 1-inch depending on the age of the structure. Generally newer structure, should remain less than 0.5 inches or less of deflection across the entire structure. This is subjective depending on other factors (primarily visual condition and age of the structure).
- The elevations measured as a slope of floors do not approach 2.00% (1.2-inches of difference across 5-feet).
- The maximum elevation difference is no more than 2 inches from the highest and lowest points.

The elevation plot resulted in the graphic as depicted in Exhibit A (Elevation Plot Drawing). The red-points and areas are elevation measurements that were lower than the base station elevation (0.0). The green-points and areas are elevation measurements that were higher than the base station elevation (0.0). The blue-points (and white areas) are equal to the base station elevation (0.0). The base station is depicted with a (B) symbol. The elevation plot takes into account differences in flooring thicknesses. The maximum elevation point was determined to be 0.2 inches and the minimum was -0.3 inches, resulting in an elevation difference of 0.5 inch of difference across the structure.

The mesh contours graphic depicted in Exhibit B (Mesh Contour Drawing) is similar to the elevation plot. The red, green, and white areas depict areas that are lower, higher, and equal to the base station elevation (0.0). The lines or contours (similar to map topography) are labeled at specific intervals.

Based on observed elevations of the foundation from the elevation plot, the elevation differences fall within industry standards and tolerable limits. Note: elevation measurements alone is not the only indicator of foundation problems.

2.0 - Limitations

This elevation plot and contour development are based solely on provided elevation data, with no field verification performed by the engineer. No calculations or engineering analysis were conducted. These exhibits are for illustrative purposes only and do not constitute an engineering foundation evaluation.

Engineer's Seal:

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[Handwritten Signature]

Sealed:
6/26/2026

Attachments:

✓ - Provided	Exhibit A	Elevation Plot Drawing
✓ - Provided	Exhibit B	Mesh Contour Drawing

Exhibit A: Elevation Plot Drawing

123 Main St, Your City, Your State, 123456

- LEGEND:
- 0.0 (B)

0.0

Base Station (0.0)

-0.1

-0.1

Negative Elevation (-)

-0.1 (G)

-0.1 (G)

Garage Point (G)

0.0

0.0

Zero Elevation (0.0)

+0.1

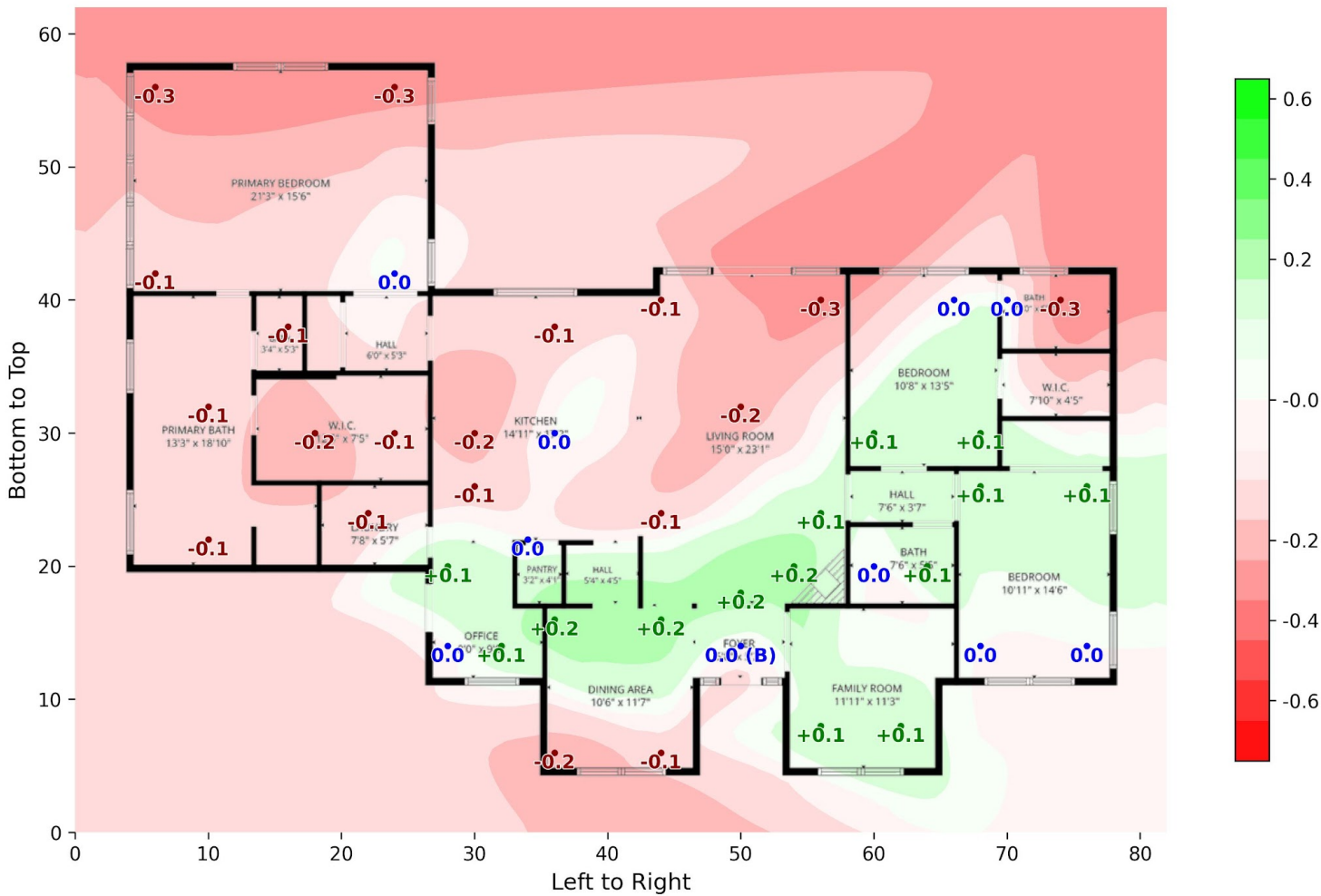
+0.1

Positive Elevation (+)

+0.1 (C)

+0.1 (C)

Conversion or Covered Point (C)

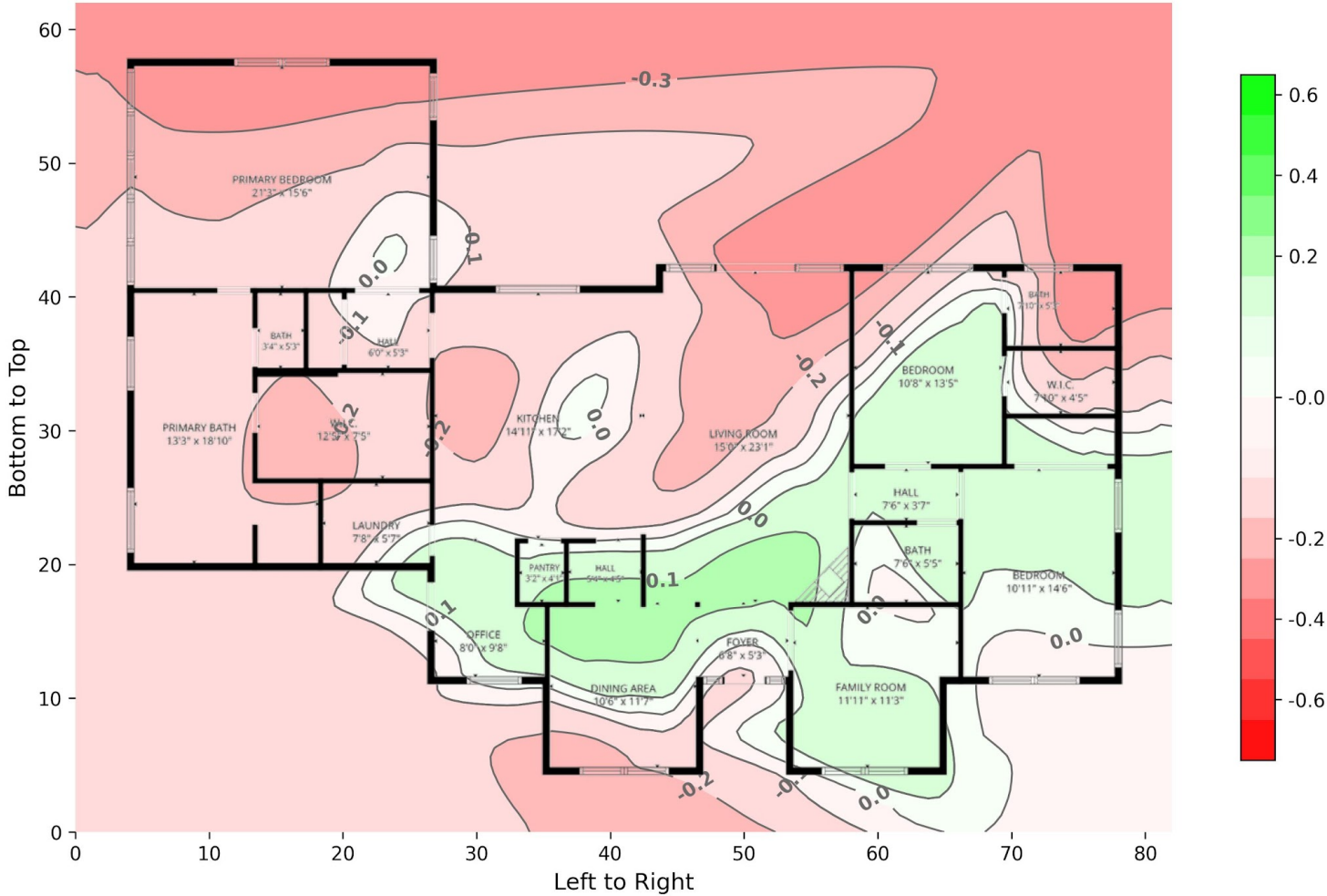


Not to Scale | Drawing is based from the inspection report's captured elevation points and available/scanned floor plan

Exhibit B: Mesh Contour Drawing

123 Main St, Your City, Your State, 123456

LEGEND: —0.2— Contour Line and Elevation



Not to Scale | Drawing is based from the inspection report's captured elevation points and available/scanned floor plan