

Structural Survey

10 MARKET PLACE, WISBECH, PE13 1DT

Introduction:

The Structural Survey for the front elevation of 10 Market Street, Wisbech, Cambs PE13 1DT, commissioned by Whitfield Group Ltd, addresses issues of timber decay and water-induced deterioration. The survey outlines the proposed structural repairs to ensure the long-term stability of the building.

Current Condition Assessment:

The building exhibits signs of significant deflection movements in the mid-section of the beam at ground floor ceiling level, leading to cracking in the walling. The cause is identified as long-term water ingress on the front elevation. The survey highlights the need for structural interventions to address these issues.

Assumptions and Limitations:

The survey acknowledges that no disruptive investigations have been conducted to date, and assumptions regarding the makeup of the structural beam at ground floor ceiling level are based on a visual inspection.

Proposed Remedial Measures:

The proposed remedial measures involve temporary propping, access requirements for new permanent supports, and the introduction of new steelwork supports. The document details the specific steps for preparatory measures, temporary propping, access requirements, steelwork installation, and reinstatement of ground floor finishes.

Preservation and Conservation:

The survey emphasizes preservation efforts, including the careful removal and reinstatement of features, consultation with the CO, and the use of traditional joinery splicing techniques for timber repairs. Conservation considerations are paramount to maintaining the integrity of the property.

Conclusion:

In conclusion, the Structural Survey highlights the current condition of the front elevation, outlines assumptions and limitations, and provides a detailed plan for remedial measures. The proposed interventions aim to address structural issues, ensuring the long-term stability of 10 Market Street while adhering to preservation and conservation principles.