

DESIGN LOADS (OFFICE USE): UNIFORM LIVE LOAD = 50 PSF CONCENTRATED LIVE LOAD = 2000 LBS

## STATEMENT OF STRUCTURAL ENGINEERING SCOPE OF SERVICES:

GTA, INC. CONSULTING ENGINEERS HAS BEEN CONTRACTED TO PROVIDE LIMITED STRUCTURAL ENGINEERING SERVICES FOR THIS PROJECT. THE SCOPE OF STRUCTURAL ENGINEERING SERVICES IS STRICTLY LIMITED TO THE FOLLOWING: EVALUATION AND PRELIMINARY STRUCTURAL MODIFICATIONS TO THE EXISTING 1ST AND 2ND FLOOR FRAMING TO ALLOW FOR 2018 IBC LIVE LOAD REQUIREMENTS BASED ON NEW OCCUPANCY OF OFFICE USE. GTA, INC. CONSULTING ENGINEERS HAS NOT BEEN CONTRACTED TO PROVIDE AN EVALUATION OR MODIFICATIONS

TO ANY OTHER PART OF THE EXISTING BUILDING NOT SPECIFICALLY IDENTIFIED IN THE ABOVE SCOPE OF WORK.

## LIMITATIONS AND DISCLAIMERS:

The prepration of this drawing is based on a Limited Cursory Structural Evaluation (LCSE). It is limited to the 1st and 2nd floor framing and is cursory in that it simply involves a general evaluation of existing floor framing for a new use, including a general description of required reinforcing (where necessary) to be code compliant. Documentation of construction details (graphically) are not included.

The purpose of the structural evaluation is understood to be limited to a general visual observations and existing observable structural framing in an existing farmhouse presumed to be at least 150 years old with a couple of more recent additions. Structural calculations were performed to determine structural capacity of existing framing and to determine required structural modifications (reinforcing) to meet current requirements of the 2018 International Building Code for Office use and occupancy. Second floor framing was not observable due to existing architectural wall and ceiling finishes that prevent visual observation. Therefore, reasonable assumptions were made as to the as-built 2nd floor framing that will need to be field verified at some point.

The purpose of this drawing is to document required floor framing modifications/reinforcing to bring the as-built framing into code compliance for office use, for the purpose of preliminary cost estimating (by others) in order to establish a preliminary budget for the required structural work, Field observations for the purpose of the structural evaluation and and calculations are limited to that which was accessible and clearly visible to the naked eye, in the context of a brief visit to the site, without requiring the removal of materials such as architectural finishes, insulation, earth, vegetation, furnishings and appliances, or other materials that prevented the direct observation of structural elements.

This drawing is not complete and detailed enough to be suitable for obtaining permits and actual contractor bids for the work depicted. That is not the intention of this drawing. It is for preliminary pricing only in terms of feasibility of the required structural modifications/reinforcing.

STRUCTURAL PLAN

SHEET TITLE:

NOTES DATE: DRAWN BY: GET SCALE: AS NOTED

SHEET:

12-23-2024

FOR PRELIMINARY PRICING ONLY NOT FOR CONSTRUCTION