



August 11, 2025

Jessica Dowless
Foundation Solutions, dba Ram Jack
4122 Bennett Memorial Rd, Suite 304
Durham, NC 27705

RE: Remediation Recommendation
Peggy Johnson: 96 Jerry Ln., Erwin, NC 28339
GFE Project #RJ394-25

Dear Jessica,

At your request, GFE has designed the required remediation/support for the above property based on the provided documents. Remediation will include:

- 1) Installation of (5) helical piers per approximation sketch.
 - a) Each helical shall have a minimum 15-kip allowable bearing capacity.
 - b) Helicals shall have max spacing of 6' on center and shall not be placed under doors or windows.
 - c) Contractor to confirm existing foundation for proper fit up.
 - d) Concrete patch thickness shall match the existing slab's thickness.
 - i) Min 3000 psi.
 - ii) Concrete shall be broom finished.

Sketch of Remediation Plan attached.

The scope of services did not include any subsurface exploration or exposure of concealed elements of the structure. Please contact GFE immediately if conditions are different than those indicated or encountered during implementation of recommended repairs.

Please note that the remediation is designed to stabilize the structure and not to correct any cosmetic damage.

Should any questions arise, please do not hesitate to contact us.

Sincerely,

Zachary Polaha, P.E.
Principal Engineer



Zachary S. Polaha
Date: 8/11/25
PE #049355, Exp. 12/31/2025
Ground Force Engineering PLLC
Firm #P-2154, Exp. 6/30/2026

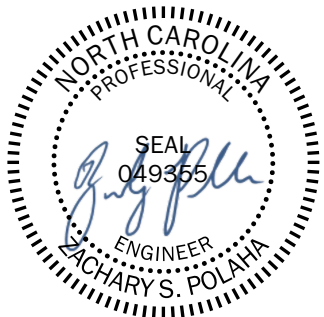
LEGEND/NOTES

HELICAL PIER



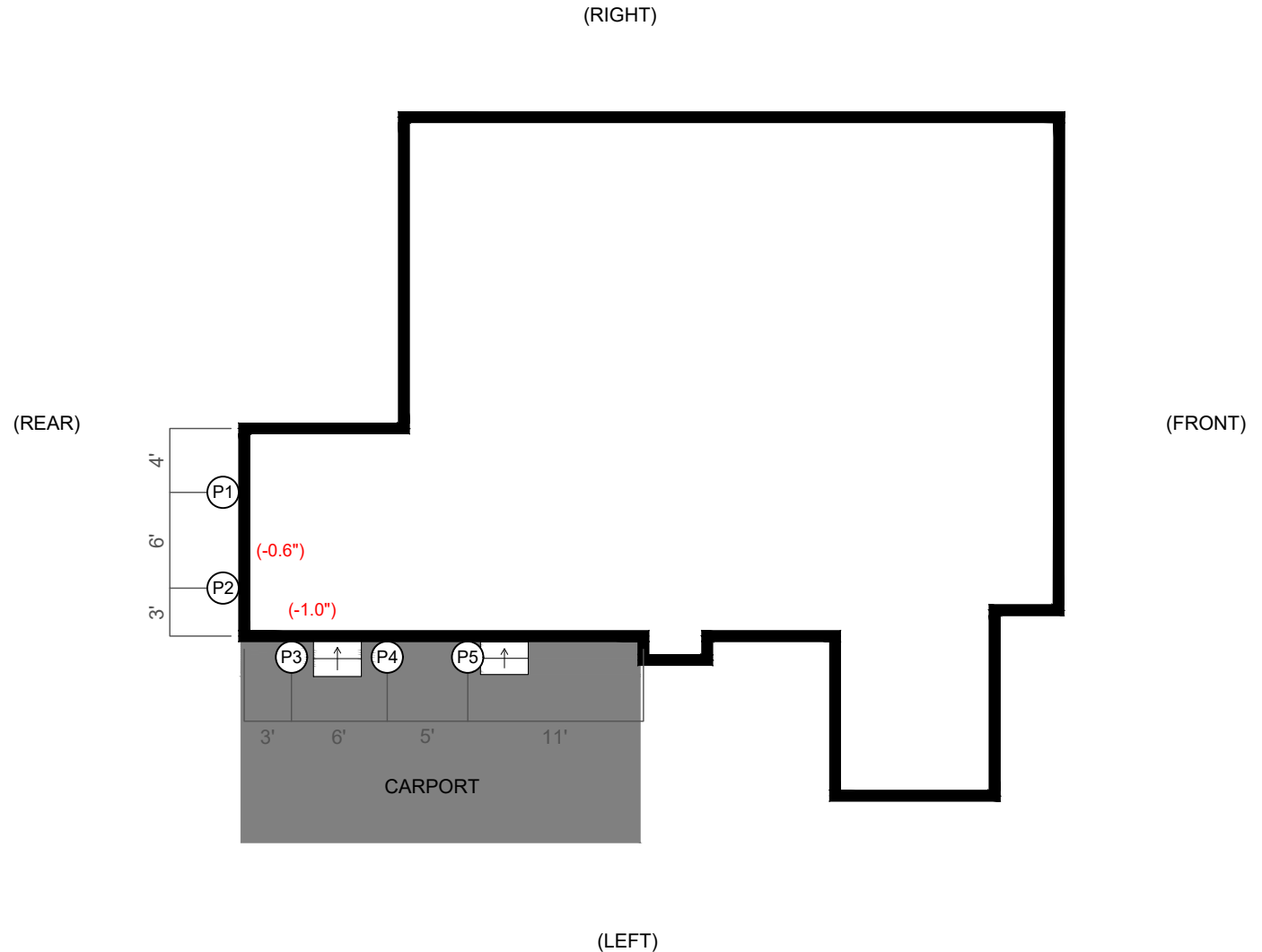
NOTES:

- ALL DIMENSIONS AND LOCATIONS PROVIDED BY CONTRACTOR.
- SKETCH IS SUPPLEMENTAL TO LETTER.
- HELICAL PIERS HAVE A MAX SPACING OF 6'-0" O.C.



8/11/2025

APPROXIMATION SKETCH



Ground Force Engineering PLLC
222 Rivenoak Dr.
Fayetteville NC, 28303
www.groundforceengineers.com
NC License #P-2154

PROJECT NAME:

PEGGY JOHNSON
96 JERRY LN., ERWIN, NC 28339

DRAWN BY:

JMB

DATE:

8/11/2025

PROJECT #:

RJ394-25

REVISION:

0

SCALE:

NTS

SHEET

SK-1