

Scope of Work

Thank you for contacting Foundation Professionals, Inc. regarding your property. Below, we have included a detailed repair plan for your review.

Crawl Space Repair

Overview

On January 15, 2025, Conner Rawlins, a Geotechnical Solutions Consultant with Foundation Professionals of Florida, Inc. (FPI), provided an onsite inspection to evaluate the customers concern regarding their foundation.

Project: This 1978 home is a single-family, one-story, wood-frame structure with a monolithic concrete slab foundation and shingle roof.

Problem: It is our opinion that the slab foundation that the addition was built on is settling and allowing the interior flooring to become unlevel over time and allow the roof to leak long term. In addition, the exterior porch along the work area is unsupported and could become a hazard over time.

FPI Recommends:

- 1) FPI will install ECP Model 250 Concentric Bracket Push Piers as indicated on the included drawing. The piers will be hydraulically advanced to load bearing strata below the foundation. The bracket and pile system will transfer the load of the structure to the piles stabilizing the structure and preventing further settlement.
- 2) Using an ECP automated hydraulic manifold lift system, we will lift as much as the structure will allow to gain maximum practical recovery.
- 3) The rim joist will be supported by triple hot dipped galvanized steel ECP adjustable crawl space jack on a 24" round ECP composite footing pad.

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Product	Quantity
ECP Model 250 Concentric Bracket Push Pier <i>Hydraulically push ECP steel resistance pier(s) through the soil to refusal. Galvanized bracket attached to the footer. We will Stabilize and/or lift to the best structurally suitable elevation.</i>	3
General Permitting & Engineering	1
Crawl Space Screw Jacks <i>Crawl space support jacks are designed to provide positive support to sagging floors above crawlspaces and to help remove the bouncing or squeaking caused by inadequate support. This supplemental support system has an ultimate capacity of 60,000 lbs per jack and is used for supplemental structural support.</i>	1

Notes

- 1) FPI recommends gutter installation with the downspouts extended a minimum of 5-10 feet away from the structure in order to mitigate water related foundation settlement.