

Scope of Work

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

Foundation Repair

Overview

On November 15, 2023, 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 1954 home is a single-family, one-story, concrete block structure with a monolithic concrete slab foundation and metal roof.

Problem: The soils along the foundation are loose and allowing settlement to occur. In addition, the concrete block retaining wall along the south side of the property is eroding and allowing the concrete deck to settle and become uneven.

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.

Concrete Slab Foundation Repair

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>	7
General Permitting & Engineering	1
ECP/NCFI P2-011 - 4.8LB/FT3 (lbs) <i>P2-011 is a two-component, HFC 245fa blown, all PMDI-based, pour-in -place urethane foam system designed for concrete jacking and cavity filling in wet environments. P2-011 has low component viscosities making the system suitable for mechanical mix machines, high pressure (over 600 psi) impingement mixing machines or hand mixing.</i>	160

Notes

N/A