

# 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

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On October 18, 2024, 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 1977 home is a single-family, one-story, concrete block structure with a monolithic concrete slab foundation and shingle roof.

**Problem:** It is our opinion that the soils below the foundation are loose and allowing settlement to occur over time. The settlement and standard degradation of the exterior block joints are allowing water to intrude along the foundation 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) FPI will excavate down to the base of the concrete slab/footer. FPI will pressure clean the wall and allow the wall to thoroughly dry.
- 4) Hydrostop Barrier Guard will be applied from the base of the concrete slab/footer up to 10"-12" above grade.
- 5) FPI will backfill with the existing soil