

95-Year-Old Home Crawl Space Repair

CRAWL SPACE REPAIR WITH GALVANIZED STEEL JACKS

Project

Helicon was tasked with addressing significant structural issues in a 95-year-old home in Clearwater, Florida. The primary concern was floor sagging, indicating foundation settlement. The project scope included:

- Thorough Inspection: A comprehensive assessment of the foundation and crawl space to identify the root cause of the issue.
- Foundation Stabilization: Installation of a galvanized steel piercing system to stabilize the foundation and lift the house.
- Floor Leveling: Leveling the uneven floors to restore structural integrity.
- Crawl Space Repair: Addressing moisture and ventilation issues in the crawl space.

Challenge

The primary challenge in this project was working with a nearly 100-year-old home. Any modifications had to be carefully planned and executed to preserve the home's foundation.

Hidden Damage: The age of the home meant that there could be hidden structural issues that were not immediately apparent.



Solution

- Expert Diagnosis: Identifying the root cause of the floor sagging as foundation settlement.
- Strategic Foundation Repair: Installing galvanized steel pier jacks and new support beams to stabilize the foundation and lift the house.
- Innovative Solution: Adding stone to the ground and installing galvanized steel jacks to support the beams, providing a durable and effective solution.
- Meticulous Execution: The work was carried out with precision and attention to detail, minimizing disruption to the home's structure and integrity.
- By implementing these strategies, Helicon was able to revitalize the 95-year-old Clearwater home, restoring its structural integrity and ensuring its longevity.