

## INTERIOR FLOOR REPAIR

### Using Ram Jack Adjustable Brackets

Adjustable brackets, used with either block or helical piers, are designed to lift sagging interior floors at the load point. If necessary, these brackets can easily be adjusted to counteract any additional concrete block settling. Traditional methods of inserting steel shims create more structural stress and settling and may need to be reinstalled later.

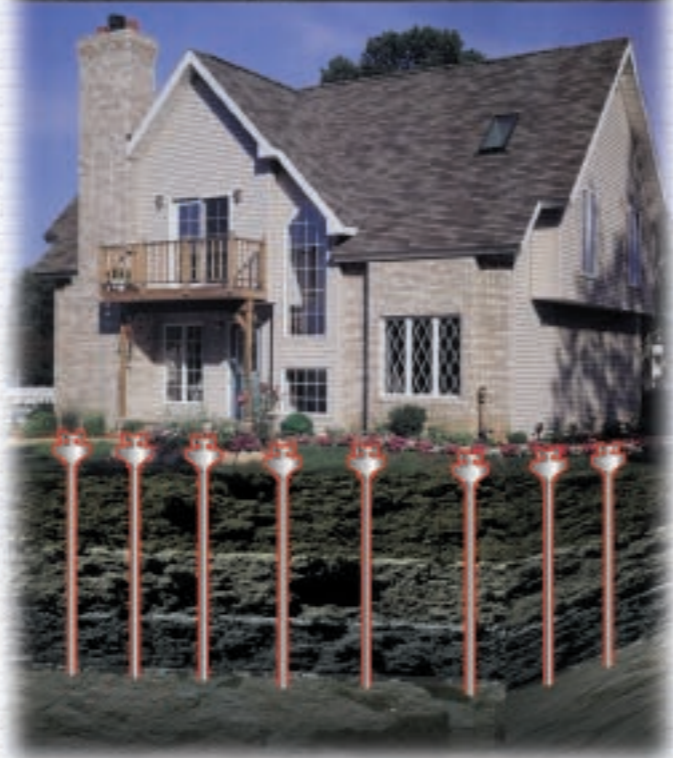
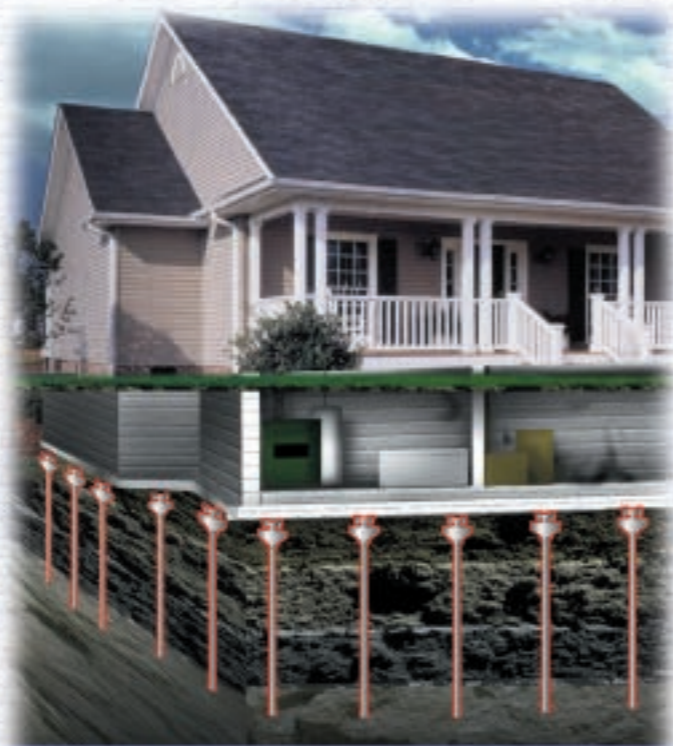


Patent Nos. 4673315, 4911580, 5722798, 5951206, 6468002, and patents pending.

## WATERPROOFING AND WATER CONTROL PRODUCTS & SERVICES

- **WEBAC®** Flexible urethane injection systems for foundation leaks
- **Water Trek Aqua Route®** Conduit systems for leaky sub-floors
- **Air Mop® Heavy Duty** Portable industrial or marine basement dehumidifiers
- **PONI™** Battery operated backup sump pumps in case of pump or power failure
- **Structural Crack Repair**
- **Mudjacking**

# JACKED-UP



## LIFETIME WARRANTY

*K.C. Waterproofing* stands behind every job with a transferable Life of Structure Warranty on all residential and commercial foundation systems. We are committed to providing top-notch quality, professionalism and service on all jobs.

## THE FOUNDATION OF OUR ORGANIZATION

From the first phone call to the final inspection of a completed job, our skilled professionals hold fast to our "Commitment to Excellence" pledge with enthusiasm and 100% commitment. Our credo is based on strict quality control procedures incorporated into all aspects of day-to-day operations, guaranteeing delivery of the most outstanding service available in the industry today.

*K.C. Waterproofing* is locally owned and is backed by the equipment and expertise of a more than 30-year-old national leader in the foundation construction and repair industry.

## CONTACT INFORMATION:

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**K.C.**  
**WATERPROOFING, INC.**  
AND RAM JACK FOUNDATION REPAIR SYSTEMS

**RAM JACK**  
FOUNDATION SYSTEMS

ENGINEERS

ARCHITECTS

INSPECTORS

BUILDERS

**RAM JACK**  
FOUNDATION SYSTEMS

Pre Construction  
New Construction &  
Post Construction  
Foundation Systems

**K.C.**  
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## PRE-CONSTRUCTION AND NEW CONSTRUCTION

Increase the value of a new home or building using helical anchors installed prior to construction, preventing downward settlement before it starts. By monitoring hydraulic pressures, anchors are load tested as they are installed.

Ram Jack Helical anchors are easy and cost-effective to install. The capacity of each pile is accurately measured using installation torque and can be installed under most weather conditions. The fieldwork for a typical house can be done in one or two days.

Helical anchors are a good choice if there are nearby or adjacent buildings inhibiting excavation. They are much safer than the traditional trenching method and won't disturb the soil around the piers during installation, so there is no messy soil cleanup.



## POST CONSTRUCTION UNDERPINNING

### FOUNDATION REPAIR

#### *Using Push Piers or Helical Piers*

The Ram Jack helical pier driving head delivers power to long sections of piercing for a faster installation and a stronger pier, while transferring loads from the existing foundation to a soil suitable for the load. Our patented push pier lift system uses high carbon steel pilings that are driven vertically by 70,000 lbs. of hydraulic power to an average of 25 feet below the home to anchor the structure and prevent future settlement. When needed, a hydraulic pump uses a synchronized lift to raise the affected areas of the home simultaneously to maximum practical recovery.

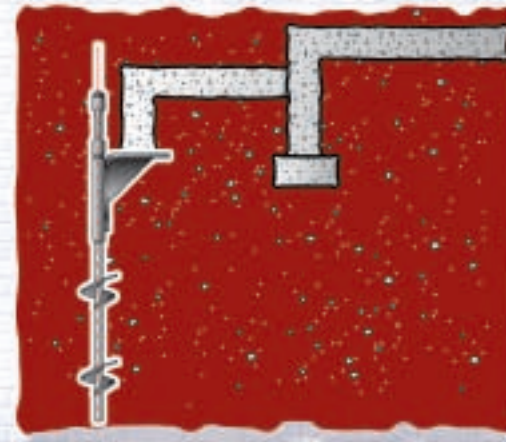
*K.C. Waterproofing* also uses the Ram Jack porch bracket, which has a variety of applications for lighter weight structures.

### SLAB REPAIR

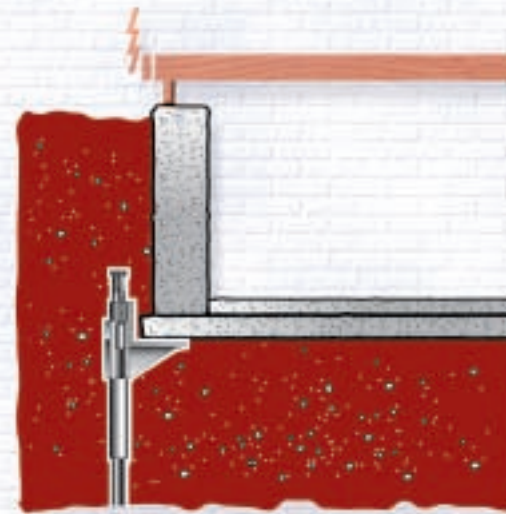
#### *Using Floor Slab Support and Floor Raising Systems*

After installing helical anchors through the floor slab, the floor is raised mechanically and supported on firm strata.

*K.C. Waterproofing's* slab raising process forces a special cement/soil grout under the sunken concrete and lifts it to its original position. It's faster, cleaner and a fraction of the cost of replacement.



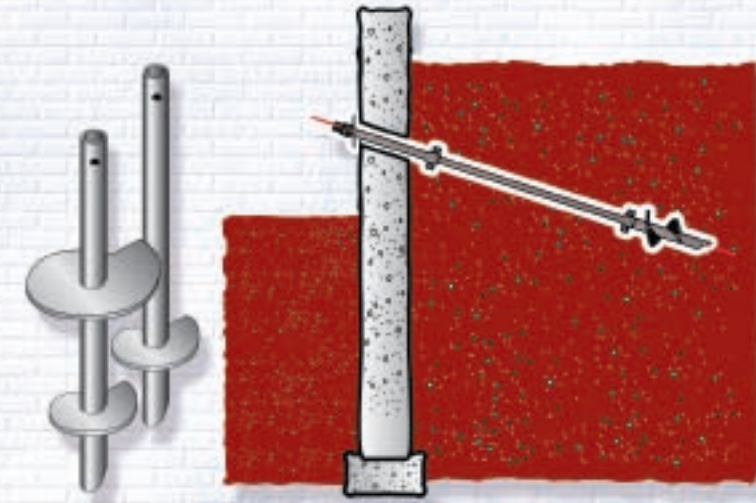
PORCH BRACKET



FOUNDATION BRACKET



SLAB SUPPORT



HELICAL WALL TIE/BACK

## WALL REPAIR FOR BOWED BASEMENT WALLS

### *Using Helical Anchor Support Systems and The Fortress® Carbon Fiber System*

Helical anchors are commonly used in the repair of both retaining walls and basement walls, transferring tension loads from the existing foundation to a soil suitable for the load.

*K.C. Waterproofing* can also stabilize basement walls using the Fortress® stabilization system to deliver the strongest and most durable structural reinforcement. Carbon fiber application stops concrete bowing and cracking, with limitless applications for new construction, repair, retrofit and seismic upgrades.