



# RESISTANCE PIER FOUNDATIONS



Foundation Solutions for Settlement in Residential or Light Commercial Structures

# WHERE DOES IT HURT?



There are a variety of factors that can put stress on your foundation. Do you see any symptoms of foundation failure in your home? Show us.



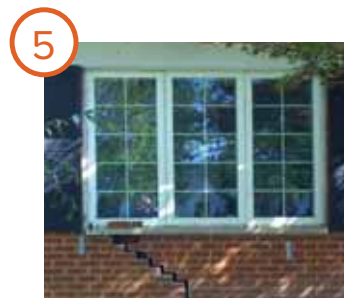
**1 BRICKS OR WALLS CRACKING**  
Stress cracks appear in the mortar of the brick veneer. Unfortunately, patching cracks with mortar does not fix the problem.



**4 DRYWALL SEPARATING**  
Cracks over doors appear in the drywall or sheetrock of interior walls.



**2 CHIMNEY TILTING OR LEANING**  
Most chimney foundations are connected to home foundation and if it is tilting or leaning, it can be a sign of a structural issue.



**5 DOORS/WINDOWS STICKING**  
Sticking doors and windows could mean that there is a problem with the foundation of your home.

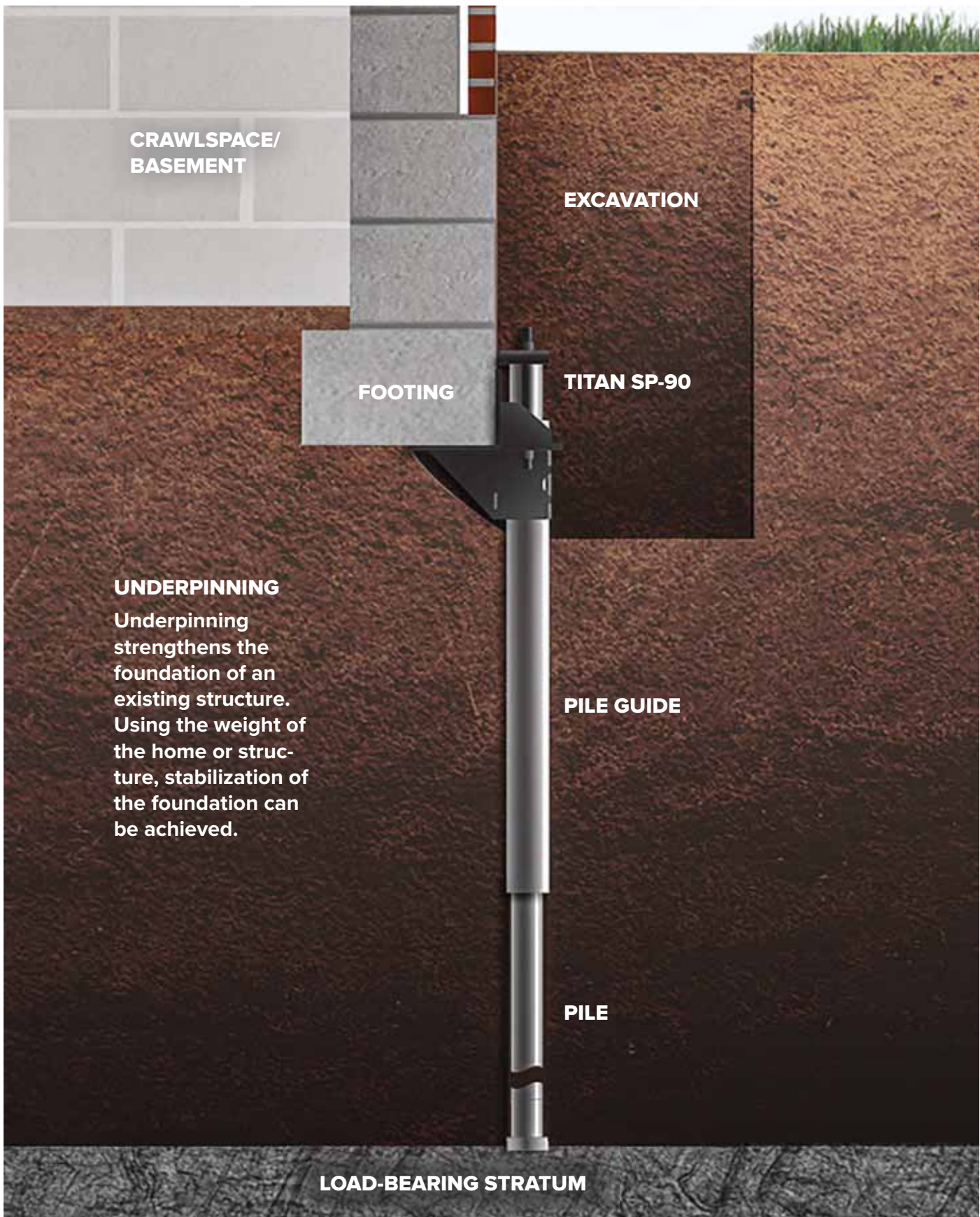


**3 WALLS BOWING OR BULGING**  
Pressure from earth movement on a wall can force the wall to begin to bow inward, fracture and then collapse.



**6 BASEMENT LEAKING**  
A leaking basement, or standing water in a basement, can mean that potentially harmful water is not draining away from the foundation.

# THE IDEAL SYSTEM



# THE IDEAL PROCESS

1



**EXPOSE FOUNDATION**

2



**PREPARE FOOTING**

3



**SET BRACKET WITH ANCHOR PINS**

4



**ATTACH DRIVE STAND AND DRIVE PIER SECTIONS**

5



**SETUP TO LIFT AND STABILIZE FOUNDATION**

6



**IDEAL SP-90 PIER INSTALLED;  
RESTORATION COMPLETE**

# THE IDEAL SOLUTION

The Titan SP-90 is the solution for your home's settling foundation. When the Titan SP-90 is installed under your home's foundation, it's permanent. Guaranteed.



# THE IDEAL PRODUCT



## PROTECT YOUR HOME

When the foundation of your home is compromised with serious cracks and settlement problems, look to CERTIFIED INSTALLERS from IDEAL Foundation Systems to put you back on solid footing.

With engineered products and methods, and hundreds of relieved customers, we are your responsible choice when you need foundation repairs.

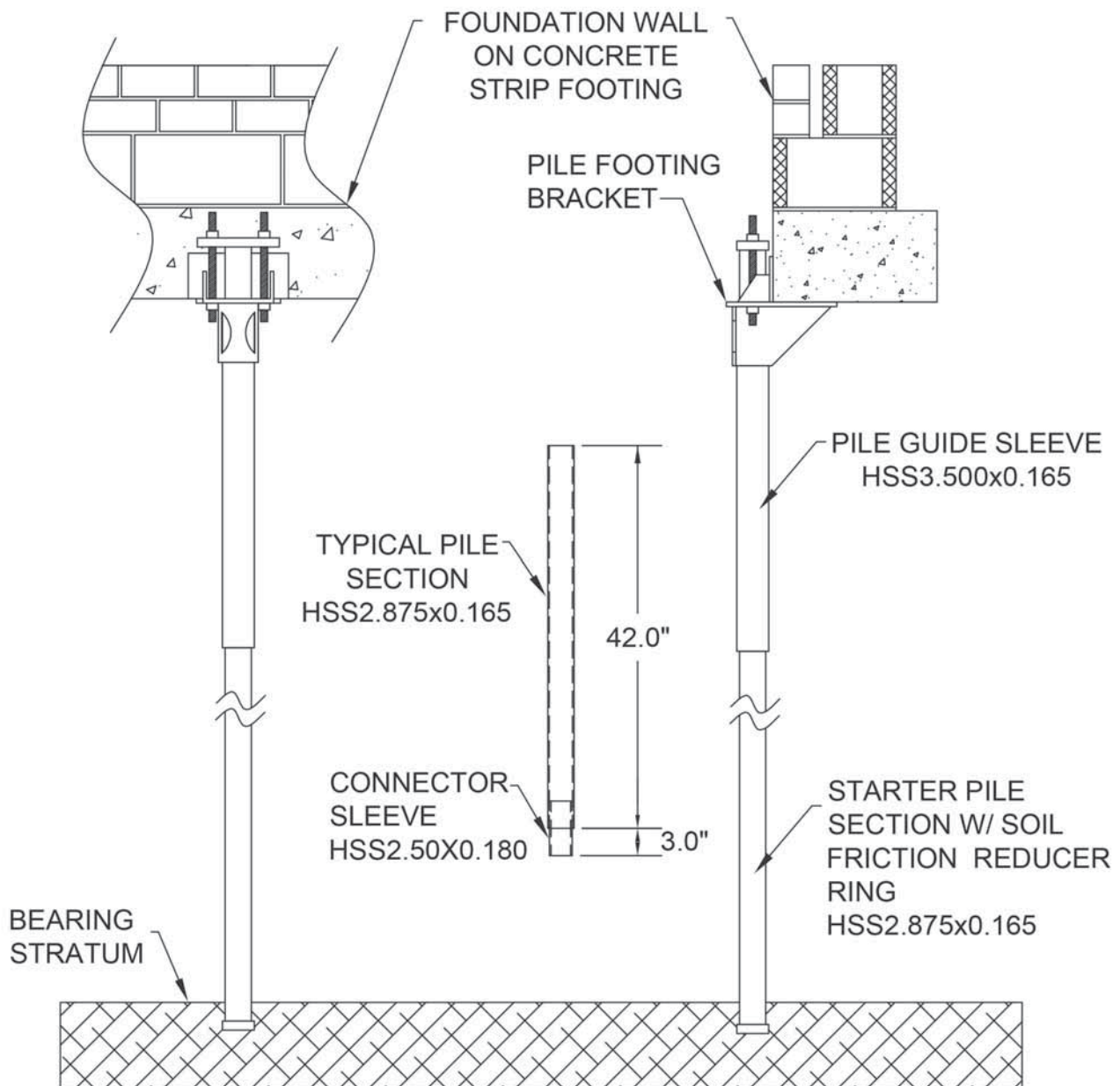
Choosing the right repair plan for your home is important. Take the stress off yourself, and your home.



## Titan SP-90 BRACKETS

- 100% load tested during installation
- Professionally installed by IDEAL Certified Installers
- Patent pending design
- Manufacturer's lifetime warranty
- Uses the penetrating power of steel
- Continuously adjustable

# TITAN SP-90 SPECIFICATION



- Ultimate Bearing Capacity = 90,000lbs
- Bearing Surface Area = 64 in<sup>2</sup>
- Soil Friction Reducer Ring
- Installed with Portable Equipment
- Piles are Field Tested During Installation
- Manufacturer's Limited Lifetime Warranty
- Guide Sleeve Help Insure Vertical Alignment and Increases Pile Stiffness in Excavated Area

The capacity of the Titan SP-90 foundation support system is a function of the capacity of pier pipe and soil surrounding the pipe, capacity of the load bearing stratum, bracket, foundation strength and strength of the bracket to foundation connection. Actual capacities could be lower than the bracket capacity.



# OUR MISSION

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To provide our clients and associates with proprietary technology, products, equipment, and support, ensuring excellence in the design and performance of deep foundation and earth anchoring projects.