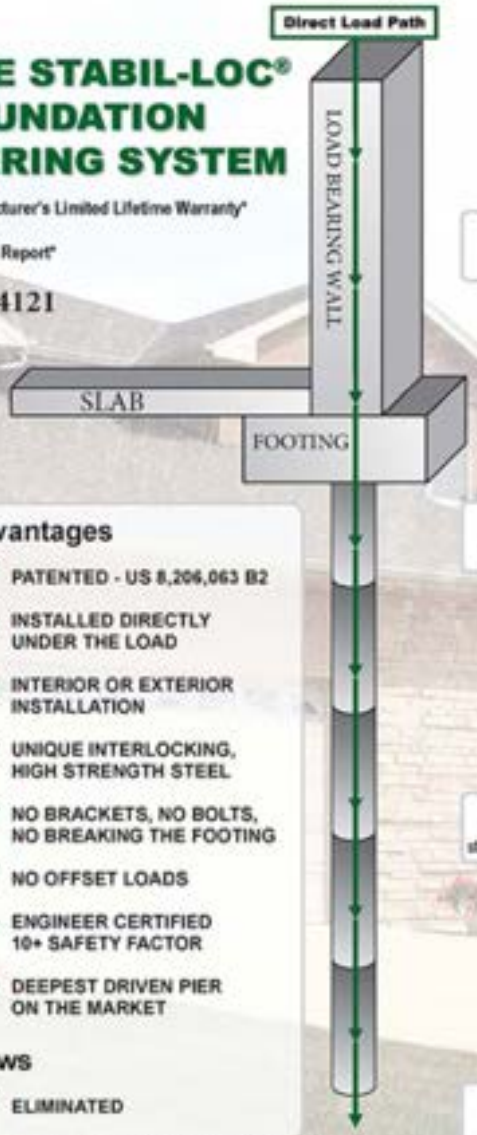
THE STABIL-LOC® FOUNDATION PIERING SYSTEM

- Manufacturer's Limited Lifetime Warranty*
- Project Report*

ESR 4121



Advantages

- ✓ PATENTED - US 8,206,063 B2
- ✓ INSTALLED DIRECTLY UNDER THE LOAD
- ✓ INTERIOR OR EXTERIOR INSTALLATION
- ✓ UNIQUE INTERLOCKING, HIGH STRENGTH STEEL
- ✓ NO BRACKETS, NO BOLTS, NO BREAKING THE FOOTING
- ✓ NO OFFSET LOADS
- ✓ ENGINEER CERTIFIED 10+ SAFETY FACTOR
- ✓ DEEPEST DRIVEN PIER ON THE MARKET

Flaws

- ✓ ELIMINATED

*Ask Your Authorized Contractor or Visit www.stabil-loc.com

Figure 1
Pier is driven to bedrock under center of wall being lifted

Figure 2
Pier is ready for head assembly

Figure 3
Structure is now carefully lifted, or stabilized to eliminate further settlement

Figure 4
Immediate work area is filled in with new concrete

Signs of Foundation Failure

Inside of the House
- Cracks in Drywall
- Doors and windows that stick
- Cracks in floors and tile
- Misaligned doors and windows

Outside of the House
- Gaps around doors and windows
- Cracks in foundation
- Stair step cracks in brick walls
- Chimneys tilting or pulling away

Garage
- Separating from door
- Walls rotating out
- Stair step cracks in brick wall

Causes of Foundation Failure

Evaporation: Hot and dry conditions cause soil to shrink.

Transpiration: Tree roots dehydrate soil, causing soil shrinkage and settlement of your home's footing/slab.

Drainage: Improper drainage causes increased hydrostatic pressure on basement walls.

Poor Building Site Preparation: **Improperly compacted fill soil causes** settling problems later.

Poor Soil Conditions: Expansive clay soil and organic debris cause contraction and expansion of soil.