The preferred **Process** to fix your Home's Bowing or Leaning Walls

1 Sod Removal

2 Soil Excavation

3 Soil Containment

4 Rod is Driven

5 Earth Plate Attached

6 Wall Plate Attached

7 Anchor Torqued & Seated

8 Backfill & Tamping

9 Sod Replacement

ECP Plate Anchors

- Installation can be completed in one day
- Installation when interior access is limited
- Limited disturbance to landscaping and yard
- Can straighten the wall overtime without excavation
- Can straighten the wall immediately with excavation

The Right Choice!

10 Wall Stabilized

Authorized Installer of Earth Contact Products

Earth Contact Products www.earthcontactproducts.com 866-327-0007

PLATE ANCHOR WALL SYSTEM

Earth Contact Products: Providing You
The Very Best Solution for Your Foundation Problems

Designed and Engineered to Perform

About Earth Contact Products

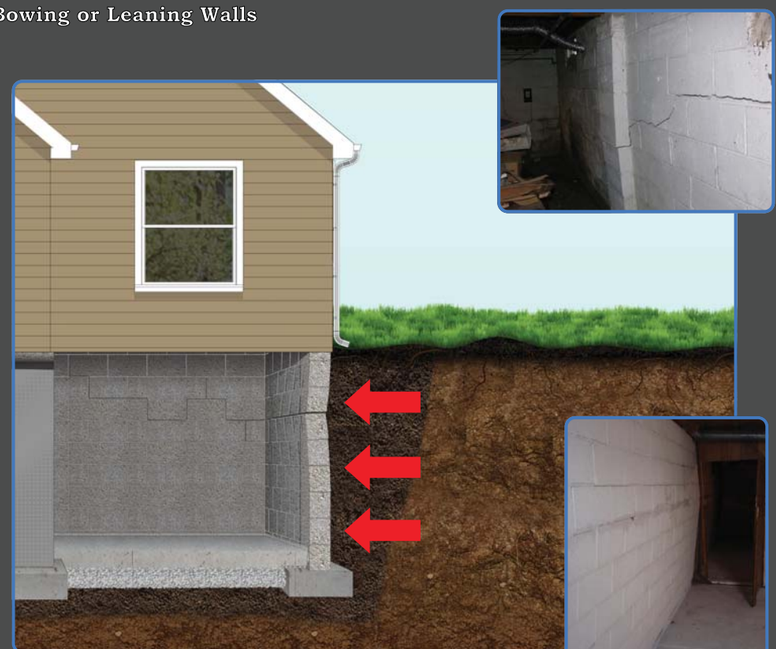
For over a decade, Earth Contact Products (ECP) has grown to the most trusted name for foundation steel products. As patent and trademark holders on over 18 items, we supply the very best products, service and support to our national network of contractors. We are dedicated to our contractors and the people that they serve, by providing the highest quality foundation products in the industry and standing behind them with a full manufacturer's warranty.

The Causes of your Home's Bowing or Leaning Walls

The most common cause of a bowing or leaning foundation wall is excessive lateral pressure on the exterior. When the pressure becomes too much for the wall to handle it starts to bow, crack or even break.

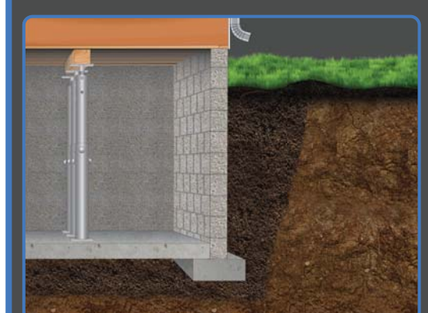
The common causes of wall failure come from the following:

- Expansive clay soils expand and contract as the moisture in the ground increases and decreases.
- Hydrostatic Pressure which is an accumulation of water in the soil surrounding the foundation wall that is exerting pressure against the wall.
- Frost can also lead to wall failure as the soil against the wall freezes and applies pressure



Other Options (alternative repair methods)

Tear Out and Replacement
Very expensive process
Doesn't address the real problem (the soil)
Long and very disruptive process



Steel I-Beams
Can't improve or straighten the wall
Only supports the wall at the worst point
Relies on wood floor joists for support

Carbon Fiber Reinforcement
Can't improve or straighten the wall
Doesn't protect against wall tipping in at the top
Doesn't protect against wall sliding in at bottom

The preferred Solution for your Home's Bowing or Leaning Walls

25 Year Product Warranty

The U.S. Department of Housing and Urban Development's chief appraiser said in a report "There are three common ways to save bowing foundation walls. Contractors install wall anchors on approximate 6' centers. These stop further movement and with proper tension will eliminate some, if not all, of the bowing over time. Another acceptable but more expensive method, is to replace the affected walls. The third is to use passive resistance such as grout filled channel steel or pilasters which may stop further movement. This is the least effective."

U.S. Department of Housing and Urban Development
From: Allen R. Dose: Chief Appraiser
Subject: Property Acceptance Criteria

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